

<b><i>Provider</i></b>	<b><i>Component</i></b>	<b><i>Licensing Information</i></b>
Charles Leifer	coleifer's peewee	<a href="#">MIT</a> Copyright (c) 2010 Charles Leifer
YouGov, Plc.	cherrypy-cors	<a href="#">MIT</a> Copyright Jason R. Coombs
Antoine Pitrou	pathlib	<a href="#">MIT</a> Copyright (c) 2012 Antoine Pitrou
Jason R Briggs	stomp.py	<a href="#">Apache License 2.0</a> Copyright: 2009-2016 Jason R Briggs
Łukasz Langa	configparser	<a href="#">MIT</a> Copyright Jason R. Coombs
The cryptography developers	pyca/cryptography	<a href="#">BSD 3</a> <a href="#">Apache License 2.0</a> <a href="#">Python Software Foundation License 2.0</a> Copyright (c) Individual contributors
Martin Blech	xmldict	<a href="#">MIT</a> Copyright (C) 2012 Martin Blech and individual contributors.
Sebastian McKenzie	@babel/core	<a href="#">MIT</a> Copyright (c) 2014-present Sebastian McKenzie and other contributors
Sebastian McKenzie	@babel/plugin-proposal-class-properties	<a href="#">MIT</a> Copyright (c) 2014-present Sebastian McKenzie and other contributors
Logan Smyth	@babel/plugin-proposal-decorators	<a href="#">MIT</a> Copyright (c) 2014-present Sebastian McKenzie and other contributors
Sebastian McKenzie	@babel/polyfill	<a href="#">MIT</a> Copyright (c) 2014-present Sebastian McKenzie and other contributors
Henry Zhu	@babel/preset-env	<a href="#">MIT</a> Copyright (c) 2014-present Sebastian McKenzie and other contributors
Sebastian McKenzie	@babel/preset-react	<a href="#">MIT</a> Copyright (c) 2014-present Sebastian McKenzie and other contributors
Sebastian McKenzie	@babel/preset-stage-1	<a href="#">MIT</a> Copyright (c) 2014-present Sebastian McKenzie and other contributors
Damian Galarza	@catchandrelease/jest-react-router	<a href="#">MIT</a> Copyright (c) 2019 Catch&Release
Pete Bacon Darwin	angular-loader	<a href="#">MIT</a> Copyright (c) 2010-2012 Google, Inc.

The angular-translate team and Pascal Precht	angular-translate	<a href="#">MIT</a> Copyright (c) 2013-2017 The angular-translate team and Pascal Precht
Fortuneglobe GmbH	icehawk - PHP Stream Read-Write Functions Snippet	<a href="#">MIT</a> Copyright (c) 2015 Fortuneglobe GmbH
Jocelyn Badgley	Kalendae	<a href="#">MIT</a> Copyright (c) 2012-2020, Jocelyn Badgley, Geremia Tagliatela and contributors
AngularUI Team	angular-ui-bootstrap	<a href="#">MIT</a> Copyright (c) 2012-2013 the AngularUI Team
Angular	angular-resource	<a href="#">MIT</a> Copyright (c) 2016 Angular
Angular	angular-route	<a href="#">MIT</a> Copyright (c) 2016 Angular
Armin Rigo, Maciej Fijalkowski	ffi	<a href="#">MIT</a> Copyright 2012-2018, Armin Rigo, Maciej Fijalkowski
Anthon van der Neut	ruamel.yaml	<a href="#">MIT</a> Copyright (c) 2014-2020 Anthon van der Neut, Ruamel bvba
Neil Freeman	convertdate	<a href="#">MIT</a> Copyright (c) 2014-2016 Neil Freeman
Gora Khargosh	pathtools	<a href="#">MIT</a> Copyright (C) 2010 by Gora Khargosh
Ethan Furman	enum34	<a href="#">BSD 3</a> Copyright (c) 2013, Ethan Furman.
Kim Davies	idna	<a href="#">BSD 3</a> Copyright (c) 2013-2020, Kim Davies
Tomer Filiba, Corbin Simpson	construct	<a href="#">MIT</a> Copyright (C) 2006-2013 Tomer Filiba, Corbin Simpson
The PyData Development Team	pandas	<a href="#">BSD 3</a> Copyright (c) 2011-2012, Lambda Foundry, Inc. and PyData Development Team Copyright (c) 2008-2011 AQR Capital Management, LLC
Matt Holt	Papa Parse	<a href="#">MIT</a> Copyright (c) 2013 Matt
guildai	guildai	<a href="#">Apache License 2.0</a> Copyright 2017-2019 TensorHub, Inc.
Aron Jones	django-after-response	<a href="#">MIT</a> Copyright (c) 2013 defrex

James Saryerwinnie	python jmespath	<a href="#">MIT</a> Copyright (c) 2013 Amazon.com, Inc. or its affiliates
Eli Bendersky	pycparser	<a href="#">BSD 3</a> Copyright (c) 2008-2017, Eli Bendersky
Dmitrey Kroshko	openopt	<a href="#">BSD 3</a> Copyright (c) 2007-2009, Dmitrey Kroshko, www.icyb.kiev.ua optimization department
Bernie Hackett	pymongo	<a href="#">Apache License 2.0</a> Copyright (c) Mike Dirolf
SciPy Developers	scipy	<a href="#">BSD 3</a> Copyright (c) 2001, 2002 Enthought, Inc. Copyright (c) 2003-2012 SciPy Developers
Kenneth Reitz	certifi	<a href="#">Mozilla Public License (MPL) V2</a> Copyright (c) Kenneth Reitz
Gustavo Niemeyer	python-dateutil	<a href="#">BSD 3</a> <a href="#">Apache License 2.0</a> Copyright 2017- Paul Ganssle Copyright 2017- dateutil contributors Copyright (c) 2003-2011 - Gustavo Niemeyer Copyright (c) 2012-2014 - Tomi Pieviläinen
Philipp Hagemeister	ipaddress	<a href="#">Python Software Foundation License 2.0</a> Copyright 2007 Google Inc.
Brian Quinlan	futures	<a href="#">Python Software Foundation License 2.0</a> Copyright 2009-2011, Brian Quinlan
Matthew Barnett	regex	<a href="#">Python Software Foundation License 2.0</a> Copyright (c) 1997-2001 by Secret Labs AB Public Domain
Anthon van der Neut	ruamel.orderdict	<a href="#">MIT</a> Copyright (c) 2007-2017 Anthon van der Neut/ Ruamel BVBA
Lennart Regebro	tzlocal	<a href="#">MIT</a> Copyright 2011-2017 Lennart Regebro
Yesudeep Mangalapilly	watchdog	<a href="#">Apache License 2.0</a> Copyright (C) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 The SCons Foundation Copyright 2011 Yesudeep Mangalapil
msgpack	msgpack-python	<a href="#">Apache License 2.0</a> Copyright (C) 2008-2011 INADA Naoki
New Relic	newrelic	<a href="#">Apache License 2.0</a> Copyright (C) 2008-2011 INADA Naoki
Tom Christie	django-rest-framework	<a href="#">BSD 3</a> Copyright © 2011-present, Encode OSS Ltd.

Phillip J. Eby	wsgiref	<a href="#">Python Software Foundation License 2.0</a> <a href="#">Zope Public License (ZPL) V2.0</a> Copyright (c) Phillip J. Eby
Sean Reifschneider	python-memcached	<a href="#">Python Software Foundation License 2.0</a> Copyright (C) 2003 Danga Interactive
Angular	angular-animate	<a href="#">MIT</a> Copyright (c) 2010-2012 Google, Inc.
Angular	angular-sanitize	<a href="#">MIT</a> Copyright (c) 2016 Angular
Amazon Web Services	AWS SDK for PHP	<a href="#">Apache License 2.0</a> Copyright 2010-2013 Amazon.com, Inc. or its affiliates Copyright (c) 2011 Michael Dowling Copyright (c) 2004-2012 Fabien Potenci
Sebastian McKenzie	babel-eslint	<a href="#">MIT</a> Copyright (c) 2014-2016 Sebastian McKenzie
Luis Couto	babel-loader	<a href="#">MIT</a> Copyright (c) 2014-2019 Luís Couto
Logan Smyth	babel-plugin-transform-decorators-legacy	<a href="#">MIT</a> Copyright (c) 2015 Logan Smyth
Sebastian McKenzie	babel-preset-es2015	<a href="#">MIT</a> Copyright (c) 2014-present Sebastian McKenzie and other contributors
Sebastian McKenzie	babel-preset-react	<a href="#">MIT</a> Copyright (c) 2014-present Sebastian McKenzie and other contributors
Sebastian McKenzie	babel-preset-stage-0	<a href="#">MIT</a> Copyright (c) 2014-present Sebastian McKenzie and other contributors
Sebastian McKenzie	babel-core	<a href="#">MIT</a> Copyright (c) 2014-present Sebastian McKenzie and other contributors
Angular Core Team	bower-angular-cookies	<a href="#">MIT</a> Copyright (c) 2010-2015 Google, Inc.
Qambar Raza	color-contrast-checker	<a href="#">Apache License 2.0</a> Copyright (c) Qambar Raza
Appius	create-file-webpack	<a href="#">MIT</a> Copyright (c) 2017 Appius
Tobias Koppers @sokra	css-loader	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Leland Richardson	enzyme-adapter-react-16	<a href="#">MIT</a> Copyright (c) 2015 Airbnb, Inc.

Leland Richardson	enzyme	<a href="#">MIT</a> Copyright (c) 2015 Airbnb, Inc.
Yehuda Katz, Tom Dale, Stefan Penner and contributors (Conversion to ES6 API by Jake Archibald)	es6-promise	<a href="#">MIT</a> Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors
Nicholas C. Zakas	eslint	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Marc Qualie	thephleague/statsd	<a href="#">MIT</a> Copyright (c) 2013 Marc Qualie
Sébastien Eustace	python-poetry	<a href="#">MIT</a> Copyright (c) 2018 Sébastien Eustace
AngularUI	ui-router	<a href="#">MIT</a> Copyright (c) 2013-2015 The AngularUI Team, Karsten Sperling
Anthony Perkins	webpagetest	<a href="#">BSD 3</a> Copyright (c) 2010, Anthony Perkins
Ethan Cohen	eslint-plugin-jsx-a11y	<a href="#">MIT</a> Copyright (c) 2016 Ethan Cohen
Tobias Koppers @sokra	extract-text-webpack-plugin	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Tobias Koppers @sokra	file-loader	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Nodejitsu Inc.	director	<a href="#">MIT</a> Copyright (c) 2011 Nodejitsu Inc.
Charlie Robbins	winston	<a href="#">MIT</a> Copyright (c) 2010 Charlie Robbins
Allan Jardine	DataTables for jquery	<a href="#">BSD 3</a> <a href="#">GPL v2</a> Copyright (c) 2008-2010, Allan Jardine Copyright (C) 1989, 1991 Free Software Foundation, Inc.
Paulo Ragonha	git-revision-webpack-plugin	<a href="#">MIT</a> Copyright (c) 2016, Paulo Ragonha
Menglin "Mark" Xu	html-react-parser	<a href="#">MIT</a> Copyright (c) 2016 Menglin "Mark" Xu
Zend	ZendGdata	<a href="#">BSD 3</a> Copyright (c) 2005-2020, Zend, a Rogue Wave Company
facebook	jest	<a href="#">MIT</a> Copyright (c) 2014-present, Facebook, Inc.

Johan Hargne	jest-html-reporter	<a href="#">MIT</a> Copyright (c) 2018 Johan Hargne
Douglas Crockford	json2.js	<a href="#">Public Domain</a> Public Domain
Mike Alsup	jquery-form	<a href="#">MIT</a> <a href="#">GPL v2</a> Copyright © 2010 Mike Alsup Copyright (C) 1989, 1991 Free Software Foundation, Inc
J. Tangelder	sass-loader	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Zeke Sikelianos	make-color-accessible	<a href="#">MIT</a> Copyright (c) Zeke Sikelianos
David Aurelio	hashids-python	<a href="#">MIT</a> Copyright (c) 2012-2014 Ivan Akimov, David Aurelio
Guillermo Rauch (@rauchg) - ZEIT Leo Lamprecht (@notquiteleo) - ZEIT Tim Neutkens (@timneutkens) - ZEIT	micro	<a href="#">MIT</a> Copyright (c) 2018 ZEIT, Inc.
Michel Weststrate	mobx	<a href="#">MIT</a> Copyright (c) 2015 Michel Weststrate
Michel Weststrate	mobx-react	<a href="#">MIT</a> Copyright (c) 2015 Michel Weststrate
Michel Weststrate	mobx-react-devtools	<a href="#">MIT</a> Copyright (c) 2015 Michel Weststrate
Jovan Popovic	jquery-datatables-editable	<a href="#">BSD 3</a> Copyright 2010-2011 Jovan Popovic
Nicolas CARPi	jquery-jeditable	<a href="#">MIT</a> Copyright 2006 Mika Tuupola, Dylan Verheul, Nicolas CARPi
Sindre Sorhus	query-string	<a href="#">MIT</a> Copyright (c) Sindre Sorhus
React Community	react-addons-css-transition-group	<a href="#">BSD 3</a> Copyright (c) 2018, React Community
Michael Laktionov	react-device-detect	<a href="#">MIT</a> Copyright (c) 2017 duskload
Matthew Toledo	react-router-enzyme-context	<a href="#">MIT</a> Copyright (c) 2018 Express Labs
Remy Sharp	nodemon	<a href="#">MIT</a> Copyright © 2020 Remy Sharp

Google	sass	<a href="#">MIT</a> Copyright (c) 2016, Google Inc.
Arnout Kazemier	setheader	<a href="#">MIT</a> Copyright (c) Arnout Kazemier
Tobias Koppers	style-loader	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Jeremy Ashkenas	underscore	<a href="#">MIT</a> Copyright (c) 2009-2012 Jeremy Ashkenas, DocumentCloud
Tobias Koppers	url-loader	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Tobias Koppers	webpack	<a href="#">MIT</a> Copyright JS Foundation and other contributors
JS Foundation and other contributors	webpack-cli	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Mika Kalathil	webpack-s3-plugin	<a href="#">MIT</a> Copyright Mika Kalathil
Jaime Pillora	xdomain	<a href="#">MIT</a> Copyright 2014 Jaime Pillora
Chad Smith	request.js (snippet)	<a href="#">Unlicense</a> Public domain
Ben Coe	sorter.js (part of istanbuljs package)	<a href="#">Internet Software Consortium (ISC)</a> Copyright 2012-2015 Yahoo! Inc.
Eric Woroshow	grunt-contrib-stylus	<a href="#">MIT</a> Copyright (c) 2013 Eric Woroshow, contributors
Ben Alman	grunt-contrib-watch	<a href="#">MIT</a> Copyright (c) 2012 "Cowboy" Ben Alman, contributors
Ben Alman	grunt	<a href="#">MIT</a> Copyright (c) 2014 "Cowboy" Ben Alman
Tyler Kellen	grunt-cli	<a href="#">MIT</a> Copyright (c) 2012 Tyler Kellen, contributors
James Allardice	placeholders.js	<a href="#">MIT</a> Copyright (c) 2012 James Allardice
LearnBoost	stylus	<a href="#">MIT</a> Copyright (c) 2010 LearnBoost
Twitter	bower	<a href="#">MIT</a> Copyright (c) 2012 Twitter and other contributors
Enthought, Inc.	kernprof.py (snippet)	<a href="#">BSD 3</a> Copyright (c) 2008, Enthought, Inc.

Universidade Federal Fluminense (UFF), Polytechnic Institute of New York University.	log_parser.py (snippet)	<a href="#">MIT</a> Copyright (c) 2013 Universidade Federal Fluminense (UFF), Polytechnic Institute of New York University.
ZURB	array.js	<a href="#">MIT</a> Copyright 2013, ZURB
Colin Stannard	Zara 4 PHP SDK	<a href="#">MIT</a> Copyright (c) 2015 Zara 4, as part of CBS Industries LTD
Milad Rastian	jdatetime	<a href="#">Python Software Foundation License 2.0</a> Copyright 2010-2018, Milad Rastian
Benjamin Peterson	six	<a href="#">MIT</a> Copyright (c) 2010-2015 Benjamin Peterson
Mathias Buus Madsen	mongojs	<a href="#">MIT</a> Copyright (C) 2011-2015 by Mathias Buus Madsen
Gareth Jones	log4js	<a href="#">Apache License 2.0</a> Copyright 2015 Gareth Jones (with contributions from many other people)
Tim Wood	moment-timezone	<a href="#">MIT</a> Copyright (c) JS Foundation and other contributors
Alexis Sellier	node-static	<a href="#">MIT</a> Copyright (c) 2010-14 Alexis Sellier
SendGrid	sendgrid node	<a href="#">MIT</a> Copyright (c) 2012-2016 SendGrid, Inc.
Paul Armstrong	swig templates	<a href="#">MIT</a> Copyright (c) 2010-2013 Paul Armstrong
TJ Holowaychuk	n node version manager	<a href="#">MIT</a> Copyright (c) 2010 TJ Holowaychuk
Raynos	xtend	<a href="#">MIT</a> Copyright (c) 2012 Raynos.
Ellery Newcomer / marcgibbons	django-rest-swagger	<a href="#">BSD 2</a> Copyright (c) 2013-2016, Marc Gibbons
Timothy Crosley	hug	<a href="#">MIT</a> Copyright (c) 2016 Timothy Crosley
Ross McFarland	requests-futures	<a href="#">Apache License 2.0</a> Copyright 2013 Ross McFarland
Amazon Web Services	botocore	<a href="#">Apache License 2.0</a> Copyright 2012-2017 Amazon.com, Inc. or its affiliates



James Graham Sam Sneddon Łukasz Langa Will Kahn- Greene	html5lib	<a href="#">MIT</a> Copyright (c) 2006-2013 James Graham and other contributors
Mike Crawford Ben Maurer	reCAPTCHA php client library	<a href="#">MIT</a> Copyright (c) 2007 reCAPTCHA -- http:// recaptcha.net
Ilya Etingof	pyasn1-modules	<a href="#">BSD 2</a> Copyright (c) 2005-2020, Ilya Etingof
Thomas Kemmer	cachetools	<a href="#">MIT</a> Copyright (c) 2014-2019 Thomas Kemmer
Denis Bilenko Matt Iversen Steffen Prince Jason Madden	gevent	<a href="#">MIT</a> Copyright (c) Denis Bilenko and the contributors
Anthony Leontiev	djay	<a href="#">MIT</a> Copyright (c) 2016 Anthony Leontiev
The PyNaCl developers	pyca/pynacl	<a href="#">Apache License 2.0</a> Copyright 2013 Donald Stufft and individual contributors
ENDOH takanao	functools32	<a href="#">Python Software Foundation License 2.0</a> Copyright (C) 2006-2010 Python Software Foundation
Google Inc	google-api-python- client	<a href="#">Apache License 2.0</a> Copyright 2014 Google Inc.
Armin Rigo Christian Tismer	greenlet	<a href="#">MIT</a> <a href="#">Python Software Foundation License 2.0</a> Copyright (c) Armin Rigo, Christian Tismer and contributors
Sam Stephenson	prototype	<a href="#">MIT</a> Copyright (c) 2005-2008 Sam Stephenson
Joe Gregorio	httplib2	<a href="#">MIT</a> Copyright (c) 2006 by Joe Gregorio
Yhat, Inc.	pandasql	<a href="#">MIT</a> Copyright (c) 2013 Yhat, Inc.
Jaakko Ojalehto	preview_service.js (part of mean- comscore-api package)	<a href="#">MIT</a> Copyright (c) Jaakko Ojalehto
Michael L. Waskom	seaborn	<a href="#">BSD 3</a> Copyright (c) 2012-2013, Michael L. Waskom
Ilya Etingof	pyasn1	<a href="#">BSD 2</a> Copyright (c) 2005-2019, Ilya Etingof

SQLAlchemy authors and contributors <a href="https://github.com/sqlalchemy/sqlalchemy/blob/rel_1_3_14/AUTHORS">https://github.com/sqlalchemy/sqlalchemy/blob/rel_1_3_14/AUTHORS</a>	sqlalchemy	<a href="#">MIT</a> Copyright 2005-2020 SQLAlchemy authors and contributors
The Python Cryptographic Authority developers	bcrypt	<a href="#">Apache License 2.0</a> Copyright (c) 2013 Donald Stufft
Adam Hupp	python-magic	<a href="#">MIT</a> Copyright (c) 2001-2014 Adam Hupp
Matthew Hardnack	kalendae	<a href="#">MIT</a> Copyright (c) 2013 Matthew Hardnack
AngularUI Team	ng-grid	<a href="#">MIT</a> Copyright (c) 2012 the AngularUI Team
<a href="https://github.com/apache/trafficcontrol/blob/1.8.x/CONTRIBUTORS.md">https://github.com/apache/trafficcontrol/blob/1.8.x/CONTRIBUTORS.md</a>	helpers.js (Part of JSONUtils.js from apache trafficcontrol)	<a href="#">Apache License 2.0</a> Copyright 2017 The Apache Software Foundation
Stack Overflow	TimeZone snippet	<a href="#">Creative Commons Attribution 3.0 Unported (CC BY 3.0)</a> Copyright (c) 1997-2020 The PHP Group
Kelvin Luck	jquery datepicker	<a href="#">MIT</a> Copyright (c) 2008 Kelvin Luck
Jörn Zaefferer and Brandon Aaron	jquery date.js	<a href="#">MIT</a> <a href="#">GPL v3</a> Copyright (c) 2006 Jörn Zaefferer and Brandon Aaron
Raymond Hettinger	ordereddict	<a href="#">MIT</a> Copyright (c) 2009 Raymond Hettinger
Stark Bank S.A.	starkbank-ecdsa	<a href="#">MIT</a> Copyright (c) 2018 Stark Bank S.A.
Amazon Web Services	awscli	<a href="#">Apache License 2.0</a> Copyright 2012-2020 Amazon.com, Inc. or its affiliates
Igor Tavares	awslabs/aws-data-wrangler	<a href="#">Apache License 2.0</a> Copyright 2019 Amazon.com, Inc. or its affiliates
Paul McGuire	pyparsing	<a href="#">MIT</a> Copyright (c) 2003-2019 Paul T. McGuire
Jeff Forcier	alabaster	<a href="#">BSD 3</a> Copyright (c) 2018 Jeff Forcier.

Erik Rose	more-itertools	<a href="#">MIT</a> Copyright (c) 2012 Erik Rose
Anthony Sottile	pre-commit	<a href="#">MIT</a> Copyright (c) 2014 pre-commit dev team: Anthony Sottile, Ken Struys
Holger Krekel	pluggy	<a href="#">MIT</a> Copyright (c) 2015 holger krekel
James Saryerwinnie	fakeredis[lua]	<a href="#">MIT</a> <a href="#">BSD 4</a> Copyright (c) 2011 James Saryerwinnie, 2017-2018 Bruce Merry
Marc Schlaich	pytest-cov	<a href="#">MIT</a> Copyright (c) 2010 Meme Dough
Bernat Gabor, Oliver Bestwalter, Anthony Asottile	tox	<a href="#">MIT</a> Holger Krekel, Oliver Bestwalter, Bernát Gábor and others
Dave Snider, Read the Docs, Inc. & contributors	sphinx-rtd-theme	<a href="#">MIT</a> Copyright (c) 2013-2018 Dave Snider, Read the Docs, Inc. & contributors
Jason R. Coombs	jaraco.functools	<a href="#">MIT</a> Copyright Jason R. Coombs
Jason R. Coombs	tempora	<a href="#">MIT</a> Copyright Jason R. Coombs
Raymond Hettinger	backports.functools-lru-cache	<a href="#">MIT</a> Copyright Jason R. Coombs
Jason R. Coombs	portend	<a href="#">MIT</a> Copyright Jason R. Coombs
Yoshiki Shibukawa	imagesize	<a href="#">MIT</a> Copyright © 2016 Yoshiki Shibukawa
Babel Team	babel	<a href="#">BSD 3</a> Copyright (c) 2013-2019 by the Babel Team
Snowball Developers	snowballstemmer	<a href="#">BSD 2</a> Copyright (c) 2013, Yoshiki Shibukawa
Min Ragan-Kelley	appnope	<a href="#">BSD 2</a> Copyright (c) 2013, Min Ragan-Kelley
Astropy Developers	astropy	<a href="#">BSD 3</a> Copyright (c) 2011-2017, Astropy Developers
PHP-FIG	php-psr/http-client	<a href="#">MIT</a> Copyright (c) 2017 PHP Framework Interoperability Group
Matt George	sqlalchemy-redshift	<a href="#">MIT</a> Copyright (c) 2013 Matt George

Continuum Analytics, Inc. and contributors	s3fs	<a href="#">BSD 3</a> Copyright (c) 2016, Continuum Analytics, Inc. and contributors
Simon Brugman	pandas-profiling	<a href="#">MIT</a> Copyright (c) 2016 Jos Polfliet, 2019-2020 Simon Brugman
Mher Movsisyan and individual contributors	flower	<a href="#">BSD 3</a> Copyright (c) 2012, Mher Movsisyan and individual contributors.
The Blinker authors and contributors <a href="https://github.com/jek/blinker/blob/rel-1.4/AUTHORS">https://github.com/jek/blinker/blob/rel-1.4/AUTHORS</a>	blinker	<a href="#">MIT</a> Copyright (c) The Blinker authors and contributors
Davey Shafik	dshafik/php7-mysqlshim	<a href="#">MIT</a> Copyright (c) 2016 Davey Shafik
Julian Berman	jsonschema	<a href="#">MIT</a> Copyright (c) 2013 Julian Berman
Hsiaoming Yang	flask-oauthlib	<a href="#">BSD 3</a> Copyright (c) 2013 - 2014, Hsiaoming Yang.
Jason Moiron and Contributors	humanize	<a href="#">MIT</a> Copyright (c) 2010 Jason Moiron and Contributors
IPython Development Team	ipython	<a href="#">BSD 3</a> Copyright (c) 2008-Present, IPython Development Team Copyright (c) 2001-2007, Fernando Perez Copyright (c) 2001, Janko Hauser Copyright (c) 2001, Nathaniel Gray
Timothy Edmund Crosley	isort	<a href="#">MIT</a> Copyright (c) 2013 Timothy Edmund Crosley
David Halter and others <a href="https://github.com/davidhalter/jedi/blob/v0.17.2/AUTHORS.txt">https://github.com/davidhalter/jedi/blob/v0.17.2/AUTHORS.txt</a>	jedi	<a href="#">MIT</a> Copyright (c) 2013 David Halter and others
Kaggle	kaggle	<a href="#">Apache License 2.0</a> Copyright 2019 Kaggle Inc
2015-2016 Ask Solem & contributors. 2012-2014 GoPivotal Inc & contributors. 2009-2012, Ask Solem & contributors.	kombu	<a href="#">BSD 3</a> Copyright (c) 2015-2016 Ask Solem & contributors. All rights reserved. Copyright (c) 2012-2014 GoPivotal Inc & contributors. All rights reserved. Copyright (c) 2009-2012, Ask Solem & contributors. All rights reserved.
Ionel Cristian Mărieș	lazy-object-proxy	<a href="#">BSD 2</a> Copyright (c) 2014-2019, Ionel Cristian Mărieș

Continuum Analytics, Inc	llvmlite	<a href="#">BSD 2</a> Copyright (c) 2014-, Continuum Analytics, Inc.
The Narrativ Company, Inc.	spectrify	<a href="#">MIT</a> Copyright (c) 2017 The Narrativ Company, Inc.
Jupyter Development Team	nbconvert	<a href="#">BSD 3</a> Copyright (c) 2001-2015, IPython Development Team Copyright (c) 2015-, Jupyter Development Team
Jupyter Development Team	nbformat	<a href="#">BSD 3</a> Copyright (c) 2001-2015, IPython Development Team Copyright (c) 2015-, Jupyter Development Team
Anaconda, Inc.	numba	<a href="#">BSD 2</a> Copyright (c) 2012, Anaconda, Inc.
Pallets	flask-sqlalchemy	<a href="#">BSD 3</a> Copyright 2010 Pallets
Google Inc.	oauth2client	<a href="#">Apache License 2.0</a> Copyright 2014 Google Inc.
Thomas Kluyver 2013-2014, Pexpect development team 2012, Noah Spurrier	ptyprocess	<a href="#">Internet Software Consortium (ISC)</a> Copyright (c) 2013-2014, Pexpect development team Copyright (c) 2012, Noah Spurrier
Caolan McMahon	async	<a href="#">MIT</a> Copyright (c) 2010-2016 Caolan McMahon
William Pearson	toml	<a href="#">MIT</a> Copyright 2013-2019 William Pearson Copyright 2015-2016 Julien Enselme Copyright 2016 Google Inc. Copyright 2017 Samuel Vasko Copyright 2017 Nate Prewitt Copyright 2017 Jack Evans Copyright 2019 Filippo Broggin
Mark Cavage	restify	<a href="#">MIT</a> Copyright (c) 2011 Mark Cavage
WTForms	wtforms	<a href="#">BSD 3</a> Copyright 2008 WTForms
Kirill Simonov	PyYAML	<a href="#">MIT</a> Copyright (c) 2017-2020 Ingy döt Net Copyright (c) 2006-2016 Kirill Simonov
Hynek Schlawack	python attrs	<a href="#">MIT</a> Copyright (c) 2015 Hynek Schlawack
Michael Twomey	pyiso8601	<a href="#">MIT</a> Copyright (c) 2007 - 2015 Michael Twomey
José Padilla	PyJWT	<a href="#">MIT</a> Copyright (c) 2015 José Padilla

Skip Montanaro	pylockfile	<a href="#">MIT</a> Copyright (c) 2007 Skip Montanaro.
Author: holger krekel, Ronny Pfannschmidt, Benjamin Peterson and others	PYPY	<a href="#">MIT</a> Copyright (c) 2010, holger krekel et. al.
Ralph Khattar	getallheaders	<a href="#">MIT</a> Copyright (c) 2014 Ralph Khattar
Simon Sapin	python-webencodings	<a href="#">BSD 3</a> Copyright (c) 2012 by Simon Sapin.
The Jupyter Development Team	testpath	<a href="#">BSD 3</a> Copyright (c) 2015, The Jupyter Development Team
Jonathan Slenders	prompt-toolkit	<a href="#">BSD 3</a> Copyright (c) 2014, Jonathan Slenders
Rami Chowdhury	python3-openid	<a href="#">Apache License 2.0</a> copyright: (C) 2005-2008 JanRain, Inc., 2012-2017 Rami Chowdhury
Kenneth Reitz	requests-oauthlib	<a href="#">Internet Software Consortium (ISC)</a> Copyright (c) 2014 Kenneth Reitz.
Steven Loria	marshmallow	<a href="#">MIT</a> Copyright 2018 Steven Loria
Andi Albrecht	sqlparse	<a href="#">BSD 3</a> Copyright (c) 2016, Andi Albrech
Julien Danjou	tenacity	<a href="#">Apache License 2.0</a> Copyright 2016 Étienne Bersac Copyright 2016 Julien Danjou Copyright 2016 Joshua Harlow Copyright 2013-2014 Ray Holder
The Jupyter Development Team	terminado	<a href="#">BSD 2</a> Copyright (c) 2014-, Jupyter development team Copyright (c) 2014, Ramalingam Saravanan
Facebook	tornado	<a href="#">Apache License 2.0</a> Copyright 2009 Facebook
Casper da Costa-Luis, Google Inc. Noam Yorav-Raphael	tqdm	<a href="#">MIT</a> <a href="#">Mozilla Public License (MPL) V2</a> Copyright (c) 2013 noamraph
Ask Solem & contributors	vine	<a href="#">BSD 3</a> Copyright (c) 2015-2016 Ask Solem & contributors
Project Jupyter Contributors/ IPython Development Team	ipywidgets	<a href="#">BSD 3</a> Copyright (c) 2015 Project Jupyter Contributors

Danial Farid	angular-file-upload	<a href="#">MIT</a> Copyright (c) 2013 danialfarid
Graham Dumpleton	wrapt	<a href="#">BSD 2</a> Copyright (c) 2013-2019
Chris Garvis	angular-toggle-switch	<a href="#">MIT</a> Copyright (c) 2013 William L. Bunselmeyer.
Zope Foundation and Contributors	zope.deprecation	<a href="#">Zope Public License (ZPL) V2.1</a> Copyright 2012, Zope Foundation Contributors.
Steven Loria, Jérôme Lafréchoux, and contributors	apispec	<a href="#">MIT</a> Copyright 2015-2019 Steven Loria, Jérôme Lafréchoux, and contributors
Andrey Kislyuk	argcomplete	<a href="#">Apache License 2.0</a> Copyright 2012-2019, Andrey Kislyuk and argcomplete contributors.
Matteo Spinelli	iscroll	<a href="#">MIT</a> Copyright (c) 2008-2013 Matteo Spinelli
Sam Clements	colorlog	<a href="#">MIT</a> Copyright (c) 2018 Sam Clements
Ben Hoyt	scandir	<a href="#">BSD 3</a> Copyright (c) 2012, Ben Hoyt
Joshua Tauberer	python-email-validator	<a href="#">Creative Commons Zero v1.0 Universal (CC0 1.0)</a> Public Domain
Julien Bouquillon	angular-carousel	<a href="#">MIT</a> Copyright (c) 2010-2015 Julien Bouquillon
Daniel Vaz Gaspar	flask-appbuilder	<a href="#">BSD 3</a> Copyright (c) 2013, Daniel Vaz Gaspar
Thadeus Burgess, Peter Justin	flask-caching	<a href="#">BSD 3</a> Copyright (c) 2010 by Thadeus Burgess. Copyright (c) 2016 by Peter Justin.
Aaron Iles	testing-cabal/funcsigns	<a href="#">Apache License 2.0</a> Copyright 2013 Aaron Iles
Anton Burnashev	gsread	<a href="#">MIT</a> Copyright (C) 2011-2018 Anton Burnashev
Open Data Services Coop, David Raznick	json-merge-patch	<a href="#">BSD 3</a> Copyright (c) 2015, Open Data Services Coop
Alec Nikolas Reiter	marshmallow-enum	<a href="#">MIT</a> Copyright (c) 2015 Alec Nikolas Reiter
Aleksey Bilogur	missingno	<a href="#">MIT</a> Copyright (c) 2015 Alec Nikolas Reiter
Sébastien Eustace	pytzdata	<a href="#">MIT</a> Copyright (c) 2015 Sébastien Eustace

Alexey Stepanov	sqlalchemy-jsonfield	<a href="#">Apache License 2.0</a> Copyright 2016 Alexey Stepanov aka penguinolog
Jupyter Development Team	jupyter-client	<a href="#">BSD 3</a> Copyright (c) 2001-2015, IPython Development Team Copyright (c) 2015-, Jupyter Development Team
Nick Catalano, New Organizing Institute Education Fund	simple-salesforce	<a href="#">Apache License 2.0</a> Copyright 2012 New Organizing Institute Education Fund
Matsumoto Taichi, kiorky	croniter	<a href="#">MIT</a> Copyright (C) 2010-2012 Matsumoto Taichi
Ian Eaves, Simon Brugman	visions	<a href="#">BSD 4</a> Copyright (c) 2020 Ian Eaves, Simon Brugman.
Mike Bostock	grunt-contrib-uglify	<a href="#">MIT</a> Copyright (c) 2014 "Cowboy" Ben Alman, contributors
Atli Thorbjornsson	flask-swagger	<a href="#">MIT</a> Copyright (c) 2015 Atli Thorbjornsson
John Reese	aiointertools	<a href="#">MIT</a> Copyright (c) 2018 John Reese
Jason R. Coombs	zipp	<a href="#">MIT</a> Copyright Jason R. Coombs
Christian Bach.	tablesorter	<a href="#">MIT</a> <a href="#">GPL v2</a> Copyright (c) 2007 Christian Bach
Daniel Greenfeld	cached-property	<a href="#">BSD 3</a> Copyright (c) 2015, Daniel Greenfeld
Landon Gilbert-Bland	flask-jwt-extended	<a href="#">MIT</a> Copyright (c) 2016 Landon
Steven Loria and contributors	marshmallow-sqlalchemy	<a href="#">MIT</a> Copyright 2015-2020 Steven Loria and contributors
Adrian Sampson	confuse	<a href="#">MIT</a> Copyright (c) 2015 Adrian Sampson
Peter Ruibal	python-editor	<a href="#">Apache License 2.0</a> Copyright (c) Peter Ruibal
Thomas Kluyver and contributors	entrypoints	<a href="#">MIT</a> Copyright (c) 2015 Thomas Kluyver and contributors
Armin Ronacher	flask-openid	<a href="#">BSD 3</a> Copyright (c) 2010 by Armin Ronacher.



Ronny Pfannschmidt, Holger Krekel	iniconfig	<a href="#">MIT</a> Copyright (c) 2010 Ronny Pfannschmidt, Holger Krekel
Hsiaoming Yang	mistune	<a href="#">BSD 3</a> Copyright (c) 2014 - 2015, Hsiaoming Yang
John MacFarlane	pandocfilters	<a href="#">BSD 3</a> Copyright (c) 2013, John MacFarlane
Carson Gee	pytest-pylint	<a href="#">MIT</a> Copyright (c) 2015 Carson Gee
Guido van Rossum, Jukka Lehtosalo, Lukasz Langa, Michael Lee	typing-extensions	<a href="#">Python Software Foundation License 2.0</a> Copyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands
Sergey Astanin and contributors	python-tabulate	<a href="#">MIT</a> Copyright (c) 2011-2020 Sergey Astanin and contributors
Jeff Quast	wcwidth	<a href="#">MIT</a> Copyright (c) 2014 Jeff Quast
VividCortex	angular-recaptcha	<a href="#">MIT</a> Copyright (c) 2013 VividCortex
Amit Gharat	angular-dragdrop	<a href="#">MIT</a> Copyright (c) 2013 Amit Gharat a.k.a codef0rmer
nmcready	angular-google-maps	<a href="#">MIT</a> Copyright (c) 2010-2013 Google, Inc.
<a href="https://animate.style/#contributors">https://animate.style/#contributors</a>	animate.css	<a href="#">MIT</a> Copyright (c) 2020 Daniel Eden
Simon Whitaker	apns	<a href="#">MIT</a> Copyright (c) 2011 Goo Software Ltd
<a href="https://github.com/waylan/beautifulsoup/blob/master/AUTHORS.txt">https://github.com/waylan/beautifulsoup/blob/master/AUTHORS.txt</a>	beautifulsoup	<a href="#">MIT</a> Copyright (c) 2004-2015 Leonard Richardson
Mitch Garnaat	boto	<a href="#">MIT</a> Copyright (c) 2006-2010 Mitch Garnaat <a href="http://garnaat.org/">http://garnaat.org/</a> Copyright (c) 2010, Eucalyptus Systems, Inc. All rights reserved.
Dustin Diaz	script.js	<a href="#">MIT</a> Copyright (c) 2011 - 2015 Dustin Diaz
Austin Anderson	textAngular.js	<a href="#">MIT</a> Copyright (c) Austin Anderson. All rights reserved

Kjetil Jacobsen, Markus F.X.J. Oberhumer, Oleg Pudeyev	pyCurl	<a href="#">MIT</a> <a href="#">LGPL v2</a> Copyright (C) 2001-2008 by Kjetil Jacobsen Copyright (C) 2001-2008 by Markus F.X.J. Oberhumer Copyright (C) 2013-2020 by Oleg Pudeyev
Brad Vernon	ng-iscroll	<a href="#">MIT</a> Copyright (c) 2013 Brad Vernon
Mike Bostock	d3	<a href="#">BSD 3</a> Copyright (c) 2010-2015, Michael Bostock
Dylan Verheul	django-bootstrap- toolkit	<a href="#">Apache License 2.0</a> Copyright 2011 Dylan Verheul
Otto Yiu	django-cors-headers	<a href="#">MIT</a> Copyright 2013 Otto Yiu and other contributors
Adam Bogdal	django-gcm	<a href="#">BSD 2</a> Copyright (c) 2014, Adam Bogdał
KostyaEsmukov	geopy	<a href="#">MIT</a> Copyright (c) 2006-2010 Brian Beck Copyright (c) 2010-2014 GeoPy Project and individual contributors
ShakyShane	grunt-browser-sync	<a href="#">MIT</a> Copyright (c) 2013 Shane Osbourne
Sindre Sorhus	grunt-shell	<a href="#">MIT</a> Copyright (c) Sindre Sorhus
Richard Wilkinson and Philip Kershaw	ndg-httpsclient	<a href="#">BSD 3</a> Copyright (C) 2012 STFC
Robert Kieffer	uuidjs	<a href="#">MIT</a> Copyright (c) 2010 Robert Kieffer
Xiao Yu	pygeocoder	<a href="#">BSD 3</a> Copyright (c) 2012, Xiao Yu
Lincoln Loop	qrcode	<a href="#">BSD 3</a> Copyright (c) 2011, Lincoln Loop
Kevin Le	python-stylus	<a href="#">MIT</a> Copyright (c) 2012 Kevin Le
Alvaro Medina Ballester	apsl-react-native- button	<a href="#">MIT</a> Copyright (c) 2015 APSL
stripe	python-stripe	<a href="#">MIT</a> Copyright (c) 2010-2011 Stripe ( <a href="http://stripe.com">http://stripe.com</a> )
adobe	adobe source-sans- pro fonts	<a href="#">SIL Open Font License 1.1</a> Copyright 2010-2020 Adobe
Jonas Geduldig	TwitterAPI	<a href="#">MIT</a> Copyright 2013 geduldig

Simon Sapin	WeasyPrint	<a href="#">BSD 3</a> Copyright (c) 2011-2013 by Simon Sapin and contributors.
Jack Moore	autosize	<a href="#">MIT</a> Copyright (c) 2015 Jack Moore
Amazon Web Services	AWS SDK for JavaScript	<a href="#">Apache License 2.0</a> Copyright 2012-2017 Amazon.com, Inc. or its affiliates
Lauri Hynynen	angular-payments	<a href="#">MIT</a> Copyright (c) Lauri Hynynen
Petka Antonov	bluebird	<a href="#">MIT</a> Copyright (c) 2013-2017 Petka Antonov
Douglas Christopher Wilson, Jonathan Ong	body-parser	<a href="#">MIT</a> Copyright (c) 2014 Jonathan Ong Copyright (c) 2014-2015 Douglas Christopher Wilson
Brian White	busboy	<a href="#">MIT</a> Copyright Brian White.
Spencer Alger	elasticsearch	<a href="#">Apache License 2.0</a> Copyright 2020 Elastic and contributors
Curtis McEnroe	errio	<a href="#">Internet Software Consortium (ISC)</a> Copyright © 2015, Curtis McEnroe
Tobias Koppers	expose-loader	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Matias Woloski	express-jwt	<a href="#">MIT</a> Copyright (c) 2015 Auth0, Inc
TJ Holowaychuk	express-session	<a href="#">MIT</a> Copyright (c) 2010 Sencha Inc. Copyright (c) 2011 TJ Holowaychuk Copyright (c) 2014-2015 Douglas Christopher Wilson
TJ Holowaychuk	express js	<a href="#">MIT</a> Copyright (c) 2009-2014 TJ Holowaychuk Copyright (c) 2013-2014 Roman Shtylman Copyright (c) 2014-2015 Douglas Christopher Wilson
Firebase	firebase-admin node	<a href="#">Apache License 2.0</a> Copyright 2019 Google Inc.
George McGinley Smith	jquery easing	<a href="#">BSD 3</a> Copyright 2008 George McGinley Smith
Martin Kool	live.js	<a href="#">MIT</a> Copyright (C) 2011 by Martin Kool and Q42
Irakli Gozalishvili	crypto (javascript)	<a href="#">BSD 4</a> Secure Hash Algorithm, SHA-1 Version 2.1a Copyright Paul Johnston 2000 - 2002 MD5 Version 2.2 Copyright (C) Paul Johnston 1999

devartis	passbook	<a href="#">MIT</a> Copyright (c) 2012 devartis
Peter Vilja	gulp-clean	<a href="#">MIT</a> Copyright (c) Peter Vilja
devartis	django-passbook	<a href="#">MIT</a> Copyright (c) 2012 devartis
David Manning	gulp-sass	<a href="#">MIT</a> Copyright (c) 2013 David Manning
Sam Richard	gulp-sass-lint	<a href="#">MIT</a> Copyright (c) 2015 Sam Richard
Josh Junon, Heather Arthur, Maxime Thirouin	color (javascript)	<a href="#">MIT</a> Copyright (c) 2012 Heather Arthur
Michael Jackson	history (javascript)	<a href="#">MIT</a> Copyright (c) 2015 Michael Jackson
Vitaliy Potapov	angular-xeditable	<a href="#">MIT</a> Copyright (c) 2013 Vitaliy Potapov
Tobias Koppers	json-loader	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Jose F. Romaniello	jwt-decode	<a href="#">MIT</a> Copyright (c) 2015 Auth0, Inc.
Paul Vorbach	md5 (javascript)	<a href="#">BSD 3</a> Copyright (c) 2011-2012, Paul Vorbach. Copyright (c) 2009, Jeff Mott.
TJ Holowaychuk	mochajs	<a href="#">MIT</a> Copyright (c) 2011-2016 TJ Holowaychuk
Andrew Naylor	apn (node apple push)	<a href="#">MIT</a> Copyright (c) 2010 Andrew Naylor
Jim Palmer	node-natural-sort	<a href="#">MIT</a> Copyright (c) 2016 Olaf Ennen
Andris Reinman	nodemailer	<a href="#">MIT</a> Copyright (c) 2011-2017 Andris Reinman
Jared Hanson	passport-local	<a href="#">MIT</a> Copyright (c) 2011-2014 Jared Hanson
Jared Hanson	passport-oauth2	<a href="#">MIT</a> Copyright (c) 2011-2016 Jared Hanson
Artem Abashev	passport-oauth2-middleware	<a href="#">Internet Software Consortium (ISC)</a> Copyright (c) 2015 Artem Abashev
Jared Hanson	passport.js	<a href="#">MIT</a> Copyright (c) 2011-2015 Jared Hanson

Vitaly Tomilov	pg-promise	<a href="#">MIT</a> Copyright (c) 2015-2018 Vitaly Tomilov
AfterShip	phone (js)	<a href="#">MIT</a> Copyright (c) 2013 AfterShip
Michael Fine	preql	<a href="#">MIT</a> Copyright (c) 2014 NGP VAN
Scott Sauyet	ramda	<a href="#">MIT</a> Copyright (c) 2013-2016 Scott Sauyet and Michael Hurley
Carl X. Su	react-c3js	<a href="#">MIT</a> Copyright (c) 2015 - 2016 Carl X. Su
Javier Marquez	react-datetime	<a href="#">MIT</a> Copyright (c) 2017 Javier Marquez
wkh237	react-native-fetch-blob	<a href="#">MIT</a> Copyright (c) 2017
Marc Shilling	react-native-image-picker	<a href="#">MIT</a> Copyright (c) 2015 Marc Shilling
Andrew Hurst	react-native-keyboard-spacer	<a href="#">MIT</a> Copyright (c) 2015 Andrew Hurst
Alexey Kureev	react-native-side-menu	<a href="#">MIT</a> Copyright (c) 2015 Alexey
Joel Arvidsson	react-native-vector-icons	<a href="#">MIT</a> Copyright (c) 2015 Joel Arvidsson
Adam Zmenak	react-stripe-checkout	<a href="#">MIT</a> Copyright (c) 2016 Adam Zmenak
Takeharu.Oshida	react-web-notification	<a href="#">MIT</a> Copyright (c) 2015 Takeharu.Oshida
"Ryan Florence", "Michael Jackson"	react-router	<a href="#">MIT</a> Copyright (c) 2015-present, Ryan Florence, Michael Jackson
Dan Abramov	redux-devtools	<a href="#">MIT</a> Copyright (c) 2015 Dan Abramov
Dan Abramov	redux-thunk	<a href="#">MIT</a> Copyright (c) 2015 Dan Abramov
Nathan Peck	s3-upload-stream	<a href="#">MIT</a> Copyright (c) 2013-2015 Nathan Peck
Guillermo Rauch, Arnout Kazemier, Vladimir Dronnikov, Einar Otto Stangvik	socket.io	<a href="#">MIT</a> Copyright (c) 2014-2016 Automattic

José F. Romaniello	socketio-jwt	<a href="#">MIT</a> Copyright (c) 2015 Auth0, Inc.
Stripe	Stripe Node API	<a href="#">MIT</a> Copyright (C) 2011 Ask Bjørn Hansen Copyright (C) 2013 Stripe, Inc.
Kevin Whinnery	twilio node api	<a href="#">MIT</a> Copyright (c) 2010 Stephen Walters Copyright (c) 2012 Twilio Inc.
IBM Corp.	watson-developer-cloud	<a href="#">Apache License 2.0</a> Copyright (c) IBM Corp.
<a href="https://github.com/gradle/gradle/graphs/contributors">https://github.com/gradle/gradle/graphs/contributors</a>	gradle	<a href="#">Apache License 2.0</a> Copyright 2018 the original author or authors.
NgDashboard	bower-angular-touch	<a href="#">MIT</a> Copyright (c) 2010-2012 Google, Inc.
Barry Warsaw	importlib_metadata	<a href="#">Apache License 2.0</a> Copyright 2017-2019 Jason R. Coombs, Barry Warsaw
Brian Matthews	angular-count-to	<a href="#">MIT</a> Copyright (c) 2013 Brian Matthews
Facebook, Inc, Libin Lu	react-native-fcm	<a href="#">BSD 3</a> <a href="#">MIT</a> <a href="#">Creative Commons Attribution 4.0 International (CC BY 4.0)</a> Copyright (c) 2015 Howard Yang Copyright (c) 2014-present, Facebook, Inc. All rights reserved.
Django Software Foundation	Django	<a href="#">BSD 3</a> Copyright (c) Django Software Foundation and individual contributors. All rights reserved.
Nils Adermann, Jordi Boggiano	Composer	<a href="#">MIT</a> Copyright (c) Nils Adermann, Jordi Boggiano
Georg Brandl	Sphinx	<a href="#">BSD 2</a> <a href="#">Python Software Foundation License 2.0</a> Copyright (c) 2007-2016 by the Sphinx team (see AUTHORS file).
Andrew Godwin & Andy McCurdy	South	<a href="#">Apache License 2.0</a> Copyright (c) 2010, Andrew Godwin
jQuery Foundation	Jquery	<a href="#">MIT</a> Copyright 2020
Andy Dustman	mysqlclient	<a href="#">GPL v2</a> Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
Jose Fonseca	gprof2dot.py	<a href="#">GPL v3</a> Copyright (C) 2007 Free Software Foundation, Inc Copyright 2008-2009 Jose Fonseca

James Bardin	scp.py	<a href="#">LGPL v2</a> Copyright (C) 2008 James Bardin
keredson	boddle	<a href="#">LGPL v2</a> <a href="#">MIT</a> Copyright (C) 1991, 1999 Free Software Foundation, Inc. Copyright (c) 2012, Marcel Hellkamp.
M. Andersen, J. Dahl, and L. Vandenberghe	cvxopt	<a href="#">GPL v3</a> Copyright (c) 2012-2020 M. Andersen and L. Vandenberghe. Copyright (c) 2010-2011 L. Vandenberghe. Copyright (c) 2004-2009 J. Dahl and L. Vandenberghe.
Jason Pellerin	python-nose	<a href="#">LGPL v2</a> copyright Jason Pellerin 2005-2009
jQuery Foundation	Jquery UI	<a href="#">MIT</a> Copyright 2020
Brent R. Matzelle	PHPMailer Version	<a href="#">LGPL v2</a> Copyright (C) 2001 - 2003 Brent R. Matzelle
vlajos	TinyMCE	<a href="#">LGPL v2</a> Copyright (C) 1991, 1999 Free Software Foundation, Inc.
Yahoo! Inc.	YUI ( <a href="https://en.wikipedia.org/wiki/YUI_Library">https://en.wikipedia.org/wiki/YUI_Library</a> )	<a href="#">BSD 3</a> Copyright (c) 2007, Yahoo! Inc.
Symfony	Symfony polyfill	<a href="#">MIT</a> Copyright (c) 2015-2019 Fabien Potencier
Șerban Ghiță	Mobile_Detect	<a href="#">MIT</a> Copyright (c) 2011-2014, Serban Ghita
Michael Dowling	JMESPath	<a href="#">MIT</a> Copyright (c) 2014 Michael Dowling
Guzzle	guzzle	<a href="#">MIT</a> Copyright (c) 2011 Michael Dowling
MooTools	Mootools	<a href="#">MIT</a> Copyright © 2006-2020 Valerio Proietti & MooTools Developers
Brian Gosselin	Popup.js	<a href="http://www.dynamicdrive.com/notice.htm">Permissive License (http://www.dynamicdrive.com/notice.htm)</a> Copyright 2015 (c) Dynamic Drive
angular	AngularJS	<a href="#">MIT</a> Copyright (c) 2010-2020 Google LLC
Nate Good	Httpful	<a href="#">MIT</a> Copyright (c) 2012 Nate Good

Ryan Grove, Steve Clay	Minify	<a href="#">BSD 3</a> Copyright (c) 2008 Ryan Grove Copyright (c) 2008 Steve Clay
Facebook, Inc	Flux	<a href="#">BSD 3</a> Copyright (c) 2014-present, Facebook, Inc
Alfonso Villalobos	bottle-cors	<a href="#">MIT</a> Copyright (c) 2020 Alfonso Villalobos
Yahoo! Inc.	prettify.js (part of istanbuljs package)	<a href="#">BSD 3</a> Copyright 2012-2015 Yahoo! Inc.
Brian Mathews (sparkalow)	angular-truncate	<a href="#">MIT</a> Copyright (c) 2013 Brian Matthews
sqlalchemy	py3-alembic	<a href="#">MIT</a> Copyright 2009-2020 Michael Bayer.
<a href="https://github.com/pypa/pip/blob/master/AUTHORS.txt">https://github.com/pypa/pip/blob/master/AUTHORS.txt</a>	py3-pip	<a href="#">MIT</a> Copyright (c) 2008-2020 The pip developers
<a href="https://github.com/psycopg/psycopg2/blob/master/AUTHORS">https://github.com/psycopg/psycopg2/blob/master/AUTHORS</a>	psycopg2	<a href="#">LGPL v3</a> Copyright (C) 2003-2019 Federico Di Gregorio Copyright (C) 2020 The Psycopg Team
Armin Ronacher	Flask	<a href="#">BSD 3</a> Copyright 2010 Pallets
Oracle	mysql-connector-python	<a href="#">GPL v2</a> Copyright (c) 2012, 2019, Oracle and/or its affiliates Copyright (c) 2012, 2020, Oracle and/or its affiliates
Olivier PLATHEY <a href="https://github.com/reingart/pyfpdf/blob/master/fpdf/fpdf.py">https://github.com/reingart/pyfpdf/blob/master/fpdf/fpdf.py</a>	fpdf	<a href="#">LGPL v3</a> Copyright (C) 2007 Free Software Foundation, Inc
Google <a href="https://github.com/protocolbuffers/protobuf/blob/master/CONTRIBUTORS.txt">https://github.com/protocolbuffers/protobuf/blob/master/CONTRIBUTORS.txt</a>	google protobuf	<a href="#">BSD 3</a> Copyright 2008 Google Inc
John D. Hunter, Michael Droettboom	matplotlib	<a href="#">Python Software Foundation License 2.0</a> Copyright (c) 2012- Matplotlib Development Team
SendGrid	sendgrid	<a href="#">MIT</a> Copyright (C) 2020, Twilio SendGrid, Inc.
<a href="https://github.com/python-hyper/uritemplate/blob/master/AUTHORS.rst">https://github.com/python-hyper/uritemplate/blob/master/AUTHORS.rst</a>	uritemplate	<a href="#">BSD 3</a> <a href="#">Apache License 2.0</a> Copyright 2013 Ian Cordasco



Amazon	python boto aws sdk	<a href="#">Apache License 2.0</a> Copyright 2013-2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.
SendGrid	python_http_client	<a href="#">MIT</a> Copyright (C) 2020, Twilio SendGrid, Inc.
Stuart Bishop	pytz	<a href="#">MIT</a> Copyright (c) 2003-2019 Stuart Bishop
Kenneth Reitz	requests	<a href="#">Apache License 2.0</a> Copyright 2020 Kenneth Reitz
matplotlib	cycler.py	<a href="#">BSD 3</a> Copyright (c) 2015, matplotlib project
google <a href="https://github.com/googleapis/python-api-common-protos/blob/master/CONTRIBUTING.md">https://github.com/googleapis/python-api-common-protos/blob/master/CONTRIBUTING.md</a>	python-api-common-protos	<a href="#">Apache License 2.0</a> Copyright 2020 Google LLC
Bellinson Alex	pgsql-network-diagram	<a href="#">MIT</a> Copyright (c) 2018 The Python Packaging Authority
Daniel Blanchard	Chardet	<a href="#">LGPL v2.1</a> Copyright (C) 1991, 1999 Free Software Foundation, Inc. Copyright (C) 1991, 1999 Free Software Foundation, Inc.
The pip developers	pip	<a href="#">MIT</a> Copyright (c) 2008-2016 The pip developers
The pyOpenSSL developers	pyOpenSSL	<a href="#">Apache License 2.0</a> Copyright (c) The pyOpenSSL developers
Syrus Akbary	validate_email	<a href="#">LGPL v3</a> Copyright (c) 2014, Syrus Akbary
Marcel Hellkamp	bottle	<a href="#">MIT</a> Copyright (c) 2012, Marcel Hellkamp.
PyMySQL contributors	pymysql	<a href="#">MIT</a> Copyright (c) 2010, 2013 PyMySQL contributors
Christian Theune	pycountry	<a href="#">LGPL v2.1</a> Copyright (C) 1991, 1999 Free Software Foundation, Inc.
Alex Clark and contributor	Pillow	<a href="#">PIL</a> Copyright © 1997-2011 by Secret Labs AB Copyright © 1995-2011 by Fredrik Lundh
Sequel Pro & CocoaMySQL Teams	sequel-pro	<a href="#">MIT</a> Copyright (c) 2002-2016 Sequel Pro & CocoaMySQL Teams.

Armin Ronacher	itsdangerous	<a href="#">BSD 3</a> Copyright (c) 2011 by Armin Ronacher and the Django Software Foundation.
Google	googlechart	<a href="#">Apache License 2.0</a> Copyright (c) Google
Free Software Foundation	phpmyadmin	<a href="#">GPL v2</a> Copyright (C) 1989, 1991 Free Software Foundation, Inc
PHP Documentation Group	unparse_url php.net snippet	<a href="#">Creative Commons Attribution 3.0 Unported (CC BY 3.0)</a> Copyright © 1997 - 2020 by the PHP Documentation Group
Brandon Aaron	jquery-getscrollbarwidth	<a href="#">MIT</a> <a href="#">GPL v2</a> Copyright (c) 2008 Brandon Aaron
Ned Batchelder and others	coverage	<a href="#">BSD 2</a> Copyright 2001 Gareth Rees Copyright 2004-2013 Ned Batchelder
Steve Micallef	spiderfoot	<a href="#">GPL v2</a> Copyright (C) 1989, 1991 Free Software Foundation, Inc.
CherryPy Team	CherryPy	<a href="#">BSD 3</a> Copyright © 2004-2016, CherryPy Team Copyright © 2004-2020, CherryPy Team Copyright Jason R. Coombs
Travis E. Oliphant et al NumPy Developers	numpy	<a href="#">BSD 3</a> Copyright (c) 2005-2020, NumPy Developers.
Armin Ronacher	Jinja2	<a href="#">BSD 3</a> Copyright 2007 Pallets
Raymond Hettinger	openpyxl	<a href="#">MIT</a> Copyright (c) 2010 openpyxl
Andy Dustman	MySQL-python	<a href="#">GPL v2</a> Copyright (C) 1989, 1991 Free Software Foundation, Inc
Donald Stufft and individual contributors	packaging	<a href="#">Apache License 2.0</a> Copyright (c) Donald Stufft and individual contributors.
<a href="https://github.com/falconry/falcon/blob/master/AUTHORS">https://github.com/falconry/falcon/blob/master/AUTHORS</a>	Falcon Web Framework	<a href="#">Apache License 2.0</a> Copyright Falcon Contributors
Amazon Web Services	s3transfer	<a href="#">Apache License 2.0</a> Copyright 2016 Amazon.com, Inc. or its affiliates. All Rights Reserved.

https://github.com/celery/django-celery/blob/ba6a39eea4b560c28f458ba6575825dc41603e1c/AUTHORS	django celery	<a href="#">BSD 3</a> Copyright (c) 2015 Ask Solem. Copyright (c) 2012-2014 GoPivotal, Inc. Copyright (c) 2009-2012 Ask Solem.
Kit Cambridge	JSON3	<a href="#">MIT</a> Copyright (c) 2012-2013 Kit Cambridge.
Ask Solem	celery	<a href="#">BSD 3</a> Copyright (c) 2015-2016 Ask Solem & contributors. All rights reserved. Copyright (c) 2012-2014 GoPivotal, Inc. All rights reserved. Copyright (c) 2009, 2010, 2011, 2012 Ask Solem, and individual contributors. All rights reserved.
Nick Coghlan	contextlib2	<a href="#">Python Software Foundation License 2.0</a> Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Python Software Foundation
George MacKerron	Overlapping Marker Spiderfier	<a href="#">MIT</a> Copyright (c) 2011 - 2013 George MacKerron
Khalid Al-hussayen	umalqurra	<a href="#">MIT</a> Copyright (c) 2018 The Python Packaging Authority
Dagoberto Salazar	PyMeeus	<a href="#">LGPL v3</a> Copyright (C) 2007 Free Software Foundation, Inc.
The cryptography developers https://github.com/pyca/cryptography/blob/master/AUTHORS.rst	cryptography	<a href="#">Apache License 2.0</a> <a href="#">BSD 3</a> <a href="#">Python Software Foundation License 2.0</a> Copyright (c) Individual contributors. Copyright (c) Individual contributors. Copyright © 2001-2016 Python Software Foundation
Denis Howlett	TableDnD	<a href="#">MIT</a> Copyright (c) Denis Howlett Copyright 2012 Nick Lombard
Newrelic	Newrelic Javascript	<a href="#">Apache License 2.0</a> Copyright (c) 2008-2011 New Relic, Inc.
Alex Grönholm	Wheel	<a href="#">MIT</a> copyright (c) 2012-2014 Daniel Holth
Andrey Mikhaylenko	argh	<a href="#">LGPL v3</a> Copyright (C) 2007 Free Software Foundation, Inc. Copyright (C) 2007 Free Software Foundation, Inc
David Goodger	Docutils	<a href="#">Python Software Foundation License 2.0</a> <a href="#">BSD 2</a> <a href="#">GPL v3</a> Copyright (C) David Goodger
Armin Ronacher	click	<a href="#">BSD 3</a> Copyright 2014 Pallets

Andrey Petrov	urllib3	<a href="#">MIT</a> Copyright (c) 2008-2020 Andrey Petrov and contributors
Vinay Sajip	distlib	<a href="#">Python Software Foundation License 2.0</a> Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Python Software Foundation
Georg Brandl	Pygments	<a href="#">BSD 2</a> Copyright (c) 2006-2020 by the respective authors
Benedikt Schmitt	filelock	<a href="#">Unlicense</a> Copyright (c) 2015, Benedikt Schmitt
<a href="https://github.com/facebook/react/blob/v15.4.2/AUTHORS">https://github.com/facebook/react/blob/v15.4.2/AUTHORS</a>	React	<a href="#">MIT</a> Copyright (c) Facebook, Inc. and its affiliates.
Facebook, Inc.	immutable-js	<a href="#">MIT</a> Copyright (c) 2014-present, Facebook, Inc.
Facebook, Inc.	react-native	<a href="#">BSD 3</a> Copyright (c) Facebook, Inc. and its affiliates.
Free Software Foundation	Odoo	<a href="#">AGPL v3</a> Copyright (C) 2007 Free Software Foundation, Inc.
Apache Software Foundation	apache airflow	<a href="#">Apache License 2.0</a> Copyright 2016-2019 The Apache Software Foundation
Konsta Vesterinen, Ryan Leckey, Janne Vanhala, Vesa Uimonen	SQLAlchemy-Utils	<a href="#">BSD 3</a> Copyright (c) 2012, Konsta Vesterinen
Christian Heimes	defusedxml	<a href="#">Python Software Foundation License 2.0</a> Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 Python Software Foundation
Jupyter Development Team	notebook	<a href="#">BSD 3</a> Copyright (c) 2001-2015, IPython Development Team Copyright (c) 2015-, Jupyter Development Team
Python Code Quality Authority	astroid	<a href="#">LGPL v2.1</a> Copyright (C) 1991, 1999 Free Software Foundation, Inc.
Noah Spurrier; Thomas Kluyver; Jeff Quast	pexpect	<a href="#">Internet Software Consortium (ISC)</a> Copyright (c) 2013-2014, Pexpect development team Copyright (c) 2012, Noah Spurrier
IPython Development Team	traitlets	<a href="#">BSD 3</a> Copyright (c) 2001-, IPython Development Team
Hynek Schlawack	argon2-cffi	<a href="#">MIT</a> Copyright (c) 2015 Hynek Schlawack

Ben Finney	python-daemon	<a href="#">Apache License 2.0</a> <a href="#">GPL v3</a> Copyright © 2006–2019 Ben Finney
Mike McKerns	dill	<a href="#">BSD 3</a> Copyright (c) 2004-2016 California Institute of Technology. Copyright (c) 2016-2020 The Uncertainty Quantification Foundation.
Flask-Admin team	Flask-Admin	<a href="#">BSD 3</a> Copyright (c) 2014, Serge S. Koval and contributors
Martin Durant	fsspec	<a href="#">BSD 3</a> Copyright (c) 2018, Martin Durant
Sebastian Thiel <a href="https://github.com/gitpython-developers/gitdb/blob/master/AUTHORS">https://github.com/ gitpython- developers/gitdb/ blob/master/ AUTHORS</a>	gitdb	<a href="#">BSD 3</a> Copyright (C) 2010, 2011 Sebastian Thiel and contributors
Sebastian Thiel, Michael Trier <a href="https://github.com/gitpython-developers/GitPython/blob/3.1.0/AUTHORS">https://github.com/ gitpython- developers/ GitPython/blob/ 3.1.0/AUTHORS</a>	GitPython	<a href="#">BSD 3</a> Copyright (C) 2008, 2009 Michael Trier and contributors
Gael Varoquaux	joblib	<a href="#">BSD 3</a> Copyright (c) 2008-2016, The joblib developers.
Aric Hagberg	networkx	<a href="#">BSD 3</a> Copyright (C) 2004-2020, NetworkX Developers
David Halter	parso	<a href="#">MIT</a> Copyright (c) <2013-2017>
Brian Brazil	prometheus-client	<a href="#">Apache License 2.0</a> Copyright 2015 The Prometheus Authors
Brian E. Granger, Min Ragan-Kelley	pyzmq	<a href="#">BSD 3</a> <a href="#">LGPL v3</a> Copyright (c) 2009-2012, Brian Granger, Min Ragan-Kelley Copyright (C) 2007 Free Software Foundation, Inc
Virgil Dupras	Send2Trash	<a href="#">BSD 3</a> Copyright (c) 2017, Virgil Dupras
Sentry Team and Contributors	sentry-sdk	<a href="#">BSD 2</a> Copyright (c) 2018 Sentry
Val Neekman	python-slugify	<a href="#">MIT</a> Copyright (c) Val Neekman @ Neekware Inc.
Sebastian Thiel	s mmap	<a href="#">BSD 3</a> Copyright (C) 2010, 2011 Sebastian Thiel and contributors

Jeremy Dunck	unicodecsv	<a href="#">BSD 2</a> Copyright 2010 Jeremy Dunck
Python Code Quality Authority	pylint	<a href="#">GPL v2</a> Copyright (C) 1989, 1991 Free Software Foundation, Inc.
Chris McDonough	supervisor	<a href="#">BSD-derived</a> Copyright (c) 2002-2005, Daniel Krech
Tobias Gustafsson	pyrsistent	<a href="#">MIT</a> Copyright (c) 2019 Tobias Gustafsson
Nikolay Novik	aiobotocore	<a href="#">Apache License 2.0</a> Copyright 2015-2016 Nikolai Novik
Nikolay Kim	aiohttp	<a href="#">Apache License 2.0</a> Copyright 2013-2019 Nikolay Kim and Andrew Svetlov
Andrew Svetlov	async-timeout	<a href="#">Apache License 2.0</a> Copyright (c) Andrew Svetlov
Hsiaoming Yang	Authlib	<a href="#">BSD 3</a> <a href="#">Authlib Commercial</a> Copyright (c) 2017, Hsiaoming Yang
Tin Tvrtković	cattr	<a href="#">MIT</a> Copyright (c) 2016, Tin Tvrtković
Dave Mankoff	htmlmin	<a href="#">BSD 3</a> Copyright (c) 2013, Dave Mankoff
Waylan Limberg	Markdown	<a href="#">BSD 3</a> Copyright 2007, 2008 The Python Markdown Project (v. 1.7 and later) Copyright 2004, 2005, 2006 Yuri Takhteyev (v. 0.2-1.6b) Copyright 2004 Manfred Stienstra (the original version)
Ian Cordasco	mccabe	<a href="#">MIT (Expat license)</a> Copyright © Ned Batchelder Copyright © 2011-2013 Tarek Ziade Copyright © 2013 Florent Xicluna
KPMG N.V. The Netherlands	phik	<a href="#">Apache License 2.0</a> Copyright 2016 KPMG Advisory N.V.
Ville Vainio	pickleshare	<a href="#">MIT</a> Copyright (c) 2016 Ville Vainio
Beto Dealmeida	prison	<a href="#">MIT</a> Copyright 2019 Beto Dealmeida
Apache Arrow Developers	pyarrow	<a href="#">Apache License 2.0</a> Copyright 2016-2019 The Apache Software Foundation
Sybren A. Stüvel	rsa	<a href="#">Apache License 2.0</a> Copyright 2011 Sybren A. Stüvel

Mikhail Korobov	text-unidecode	<a href="#">Artistic License v1.0</a> Copyright (c) Mikhail Korobov
Apache Thrift Developers	thrift	<a href="#">Apache License 2.0</a> Copyright (c) 2007 Thomas Porschberg
Andrew Svetlov	yaml	<a href="#">Apache License 2.0</a> Copyright 2016-2018, Andrew Svetlov and aio-libs team
Felix Gnass, Theodore Brown	spin.js	<a href="#">MIT</a> Copyright (c) 2011-2018 Felix Gnass
Filip Vařecha Tibor Kulčár Lukáš Marek	angular-daterangepicker	<a href="#">MIT</a> Copyright (c) 2015 Fragaria, s.r.o.
<a href="https://github.com/MongoEngine/mongoengine/blob/v0.9.0/AUTHORS">https://github.com/MongoEngine/mongoengine/blob/v0.9.0/AUTHORS</a>	mongoengine	<a href="#">MIT</a> Copyright (c) 2009
Bob Ippolito	simplejson	<a href="#">MIT</a> <a href="#">Academic Free License v2.1</a> Copyright (c) 2006 Bob Ippolito Copyright (c) 2006 Bob Ippolito
Scrapinghub	dateparser	<a href="#">BSD 3</a> Copyright (c) 2014, Scrapinghub
Datadog	ddtrace	<a href="#">Apache License 2.0</a> <a href="#">BSD 3</a> Copyright (c) 2015, Datadog
micheles	decorator	<a href="#">BSD 2</a> Copyright (c) 2005-2018, Michele Simionato
Benoit Chesneau	gunicorn	<a href="#">MIT</a> 2009-2018 (c) Benoît Chesneau 2009-2015 (c) Paul J. Davis Copyright 2001-2005 by Vinay Sajip. All Rights Reserved
Armin Ronacher / The Pallets Team	markupsafe	<a href="#">BSD 3</a> Copyright 2010 Pallets
Rotem Yaari / vmallocc	mongomock	<a href="#">BSD 3</a> Copyright (c) 2012, Rotem Yaari
Chris Dent	paste	<a href="#">MIT</a> Copyright (c) 2006-2007 Ian Bicking and Contributors
Armin Ronacher	phpserialize	<a href="#">BSD 3</a> copyright: 2007-2012 by Armin Ronacher

Holger Krekel, Bruno Oliveira, Ronny Pfannschmidt, Floris Bruynooghe, Brianna Laughner, Florian Bruhin and others	pytest	<a href="#">MIT</a> Copyright (c) 2004-2020 Holger Krekel and others
joke2k	faker	<a href="#">MIT</a> Copyright (c) 2012 Daniele Faraglia
Saurabh Kumar	python-dotenv	<a href="#">BSD 3</a> Copyright (c) 2014, Saurabh Kumar
Python Charmers	python-future	<a href="#">MIT</a> Copyright (c) 2013-2019 Python Charmers Pty Ltd, Australia
andymccurdy	redis-py	<a href="#">MIT</a> Copyright (c) 2012 Andy McCurdy
jamielennox	requests-mock	<a href="#">Apache License 2.0</a> Copyright (c) 2014, Jamie Lennox
James Socol	pystatsd	<a href="#">MIT</a> Copyright (c) 2012, James Socol
Konstantin Lepa	termcolor	<a href="#">MIT</a> Copyright (c) 2008-2011 Volvox Development Team
Jonas Tarnstrom	ujson	<a href="#">BSD 3</a> Copyright (c) 2014, Electronic Arts Inc.
Armin Ronacher	Werkzeug	<a href="#">BSD 3</a> Copyright 2007 Pallets
John McNamara	XlsxWriter	<a href="#">BSD 2</a> Copyright (c) 2013, John McNamara
Tim Wood, Iskren Chernev, Moment.js contributors	Moment.js	<a href="#">MIT</a> Copyright (c) 2011-2015 Tim Wood, Iskren Chernov, Moment.js contributors
Mark Erikson	@reduxjs/toolkit	<a href="#">MIT</a> Copyright (c) 2018 Mark Erikson
Ernesto Garcia	@testing-library/ jest-dom	<a href="#">MIT</a> Copyright (c) 2017 Kent C. Dodds
Kent C. Dodds	@testing-library/ react	<a href="#">MIT</a> Copyright (c) 2017 Kent C. Dodds
Giorgio Polvara	@testing-library/ user-event	<a href="#">MIT</a> Copyright (c) 2020 Giorgio Polvara
axios/community	@types/axios	<a href="#">MIT</a> Copyright (c) 2014-present Matt Zabriskie



DefinitelyTyped	@types/jest	<a href="#">MIT</a> Copyright (c) Asana ( <a href="https://asana.com">https://asana.com</a> ) Ivo Stratev jwbay Alexey Svetliakov Alex Jover Morales Allan Lukwago Ika Waseem Dahman Jamie Mason Douglas Duteil Ahn Josh Goldberg Jeff Lau Andrew Makarov Martin Hochel Sebastian Sebald Andy Antoine Brault Gregor Stamać ExE Boss Alex Bolenok Mario Beltrán Alarcón Tony Hallett Jason Yu Devansh Jethmalani Pawel Fajfer Regev Brody
DefinitelyTyped	@types/node	<a href="#">MIT</a> Copyright (c) Microsoft TypeScript DefinitelyTyped Alberto Schiabel Alexander T. Alvis HT Tang Andrew Makarov Benjamin Toueg Bruno Scheufler Chigozirim C. David Junger Deividas Bakanas Eugene Y. Q. Shen Flarna Hannes Magnusson Hoàng Văn Khải Huw Kelvin Jin Klaus Meinhardt Lishude Mariusz Wiktorczyk Mohsen Azimi Nicolas Even Nikita Galkin Parambir Singh Sebastian Silbermann Simon Schick Thomas den Hollander Wilco Bakker wwwy3y3 Samuel Ainsworth Kyle Uehlein Jordi Oliveras Rovira Thanik Bhongbhibhat Marcin Kopacz Trivikram Kamat Minh Son Nguyen Junxiao Shi Ilia Baryshnikov ExE Boss Surasak Chaisurin Piotr Błażejewicz Anna Henningsen Jason Kwok Victor Perin
DefinitelyTyped	@types/react	<a href="#">MIT</a> Copyright (c) Asana AssureSign Microsoft John Reilly Benoit Benezech Patricio Zavolinsky Digiguru Eric Anderson Dovydas Navickas Josh Rutherford Guilherme Hübner Ferdy Budhidharma Johann Rakotoharisoa Olivier Pascal Martin Hochel Frank Li Jessica Franco Saransh Kataria Kanitkorn Sujautra Sebastian Silbermann Kyle Scully Cong Zhang Dimitri Mitropoulos JongChan Choi Victor Magalhães Dale Tan
DefinitelyTyped	@types/react-redux	<a href="#">MIT</a> Copyright (c) Qubo , Kenzie Togami , Curits Layne Frank Tan Nicholas Boll Dibyo Majumdar Thomas Charlat Valentin Descamps Johann Rakotoharisoa Anatoli Papirovski Boris Sergeev Søren Bruus Frank Jonathan Ziller Dylan Vann Yuki Ito Kazuma Ebina
DefinitelyTyped	@types/react-router-dom	<a href="#">MIT</a> Copyright (c) Huy Nguyen Philip Jackson John Reilly Sebastian Silbermann Daniel Nixon Tony Ward
DefinitelyTyped	@types/redux-mock-store	<a href="#">MIT</a> Copyright (c) Marian Palkus Cap3
DefinitelyTyped	@types/webpack-env	<a href="#">MIT</a> Robert Honsby
Sebastian McKenzie	babel-polyfilljs	<a href="#">MIT</a> Copyright (c) 2014-present Sebastian McKenzie and other contributors
Henry Zhu	babel-preset-env	<a href="#">MIT</a> Copyright (c) 2016-2017 Babel

Sebastian McKenzie	babelify	<a href="#">MIT</a> Copyright (c) 2015 Sebastian McKenzie
Twitter, Inc.	Bootstrap (Twitter)	<a href="#">MIT</a> Copyright (c) 2011-2020 Twitter, Inc. Copyright (c) 2011-2020 The Bootstrap Authors
Dan Grossman	bootstrap-daterangepicker	<a href="#">MIT</a> Copyright (c) 2012-2020 Dan Grossman
Todd Bluhm	env-cmd	<a href="#">MIT</a> Copyright (c) 2019 Todd Bluhm
Ben Alpert	es3ify	<a href="#">MIT</a> Copyright (c) 2014 Ben Alpert
<a href="https://github.com/es-shims/es5-shim/blob/master/CONTRIBUTORS.md">https://github.com/es-shims/es5-shim/blob/master/CONTRIBUTORS.md</a>	es5-shim	<a href="#">MIT</a> Copyright (C) 2009-2016 Kristopher Michael Kowal and contributors
Paul Miller	es6-shim	<a href="#">MIT</a> Copyright (c) 2019 Paul Miller
Jake Teton-Landis	eslint-config-airbnb	<a href="#">MIT</a> Copyright (c) 2012 Airbnb
Maxime Thirouin	eslint-loader	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Ben Mosher	eslint-plugin-import	<a href="#">MIT</a> Copyright (c) 2015 Ben Mosher
Facebook, Inc.	fizzware/create-react-app	<a href="#">MIT</a> Copyright (c) 2013-present, Facebook, Inc.
Dave Gandy	Font-Awesome	<a href="#">Creative Commons Attribution 4.0 International (CC BY 4.0)</a> <a href="#">SIL Open Font License 1.1</a> <a href="#">MIT</a> Copyright (c) Font Awesome
Fractal	gulp	<a href="#">MIT</a> Copyright (c) 2013-2018 Blaine Bublitz , Eric Schoffstall and other contributors
Sindre Sorhus	gulp-autoprefixer	<a href="#">MIT</a> Copyright (c) Sindre Sorhus (sindresorhus.com)
Sindre Sorhus	gulp-babel	<a href="#">MIT</a> Copyright © 2014-2018 Sindre Sorhus
Nicolas Gryman	gulp-bro	<a href="#">MIT</a> Copyright (c) Nicolas Gryman (ngryman.sh)
Contra	gulp-concat	<a href="#">MIT</a> Copyright (c) 2016 Contra

bloodyowl	gulp-cssnext	<a href="#">MIT</a> Copyright (c) 2014 Putain de Code
Jussi Kalliokoski	gulp-es3ify	<a href="#">Internet Software Consortium (ISC)</a> Copyright 2014 Jussi Kalliokoski
Mikael Brevik	Gulp-notify	<a href="#">MIT</a> Copyright 2014 Mikael Brevik
Hector Guillermo Parra Alvarez	Gulp-rename	<a href="#">MIT</a> Copyright 2013 Hector Guillermo Parra Alvarez
Nicolas Froidure	Gulp-streamify	<a href="#">MIT</a> Copyright (c) 2013 Nicolas Froidure
Terin Stock	Gulp-uglify	<a href="#">MIT</a> Copyright (c) 2013 Nicolas Froidure
Charles Blaxland	html-webpack-plugin	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Klaus Hartl	js-cookie	<a href="#">MIT</a> Copyright (c) 2018 Copyright 2018 Klaus Hartl, Fagner Brack, GitHub Contributors
Nico Rehwaldt, Ben Drucker	karma-browserify	<a href="#">MIT</a> Copyright (c) 2014 Nico Rehwaldt
Vojta Jina	karma-chrome-launcher	<a href="#">MIT</a> Copyright (C) 2011-2013 Google, Inc.
Vojta Jina	karma-jasmine	<a href="#">MIT</a> Copyright (C) 2011-2013 Google, Inc.
Vojta Jina	karma-requirejs	<a href="#">MIT</a> Copyright (C) 2011-2013 Google, Inc.
Vojta Jina	karma-runner karma	<a href="#">MIT</a> Copyright (C) 2011-2019 Google, Inc.
Iskren Ivov Chernev	Moment JavaScript Date Library	<a href="#">MIT</a> Copyright (c) JS Foundation and other contributors
Artem Zakharchenko	msw	<a href="#">MIT</a> Copyright (c) 2018-present Artem Zakharchenko
Andrew Nesbitt	node-sass	<a href="#">MIT</a> Copyright (c) 2013-2016 Andrew Nesbitt
Jordan Harband	object.entries	<a href="#">MIT</a> Copyright (c) 2015 Jordan Harband
community	rc-slider	<a href="#">MIT</a> Copyright (c) 2015-present Alipay.com
Stephen J. Collings	React Bootstrap	<a href="#">MIT</a> Copyright (c) 2014-present Stephen J. Collings, Matthew Honnibal, Pieter Vanderwerff

<a href="https://github.com/facebook/react/blob/master/AUTHORS">https://github.com/facebook/react/blob/master/AUTHORS</a>	React from Facebook	<a href="#">MIT</a> Copyright (c) Facebook, Inc. and its affiliates.
Bhargav Anand	react-2048	<a href="#">MIT</a> Copyright (c) 2015 Bhargav Anand
Ryan Florence	react-autocomplete	<a href="#">MIT</a> Copyright (c) 2015 Ryan Florence
skratchdot	react-bootstrap-daterangepicker	<a href="#">Apache License 2.0</a> Copyright 2012-2014 Dan Grossman
Kenneth Chung	react-click-outside	<a href="#">MIT</a> Copyright (c) 2015 Kenneth Chung
Giampaolo Bellavite	react-day-picker	<a href="#">MIT</a> Copyright (c) 2014-2019 Giampaolo Bellavite
captray	react-print	<a href="#">MIT</a> Copyright (c) captray
Dan Abramov	React-Redux	<a href="#">MIT</a> Copyright (c) 2015-present Dan Abramov
Michael Jackson, Ryan Florence	react-router-dom	<a href="#">MIT</a> Copyright (c) React Training 2016-2018
@eanplatter @insin @mxstbr	react-scripts	<a href="#">MIT</a> Copyright (c) 2013-present, Facebook, Inc.
Clauderic Demers	react-sortable-hoc	<a href="#">MIT</a> Copyright (c) 2016, Claud�eric Demers
Ola Holmstr�om	react-tagsinput	<a href="#">MIT</a> Copyright (c) 2015 Ola Holmstr�om
<a href="https://github.com/facebook/react/blob/master/AUTHORS">https://github.com/facebook/react/blob/master/AUTHORS</a>	react-test-renderer	<a href="#">MIT</a> Copyright (c) Facebook, Inc. and its affiliates.
Arnaud Benard	redux-mock-store	<a href="#">MIT</a> Copyright (c) 2017 Arnaud Benard
James Burke	RequireJS	<a href="#">MIT</a> Copyright jQuery Foundation and other contributors
Eric Wendelin, Victor Homyakov, Oliver Salzburg, Ben Gourley	stacktrace-js	<a href="#">MIT</a> Copyright (c) 2017 Eric Wendelin and other contributors
TJ Holowaychuk	superagent	<a href="#">MIT</a> Copyright (c) 2014-2016 TJ Holowaychuk
John Syrinek	superagent-no-cache	<a href="#">MIT</a> Copyright (c) 2015 John Syrinek

<a href="https://github.com/microsoft/TypeScript/blob/master/AUTHORS.md">https://github.com/microsoft/TypeScript/blob/master/AUTHORS.md</a>	TypeScript	<a href="#">Apache License 2.0</a> Copyright (c) Microsoft Corporation. All rights reserved.
Jerry Bendy	url-search-params-polyfill	<a href="#">MIT</a> Copyright (c) 2016 Jerry Bendy
Hugh Kennedy	Vinyl Source Stream	<a href="#">MIT</a> Copyright (c) 2014 Hugh Kennedy
James Halliday	Watchify	<a href="#">MIT</a> Copyright (c) James Halliday
Yury Grunin	webpack-bundle-analyzer	<a href="#">MIT</a> Copyright JS Foundation and other contributors
Yannick Croissant	yannickcr/eslint-plugin-react	<a href="#">MIT</a> Copyright (c) 2014 Yannick Croissant
community	yarn	<a href="#">BSD 2</a> Copyright (c) 2016-present, Yarn Contributors
mongodb	mongodb	<a href="#">AGPL v3</a> <a href="#">Apache License 2.0</a> Copyright (C) 2007 Free Software Foundation, Inc.
Cake Software Foundation	CakePHP	<a href="#">MIT</a> Copyright (c) 2005-present, Cake Software Foundation, Inc.
Apache Software Foundation	Apache log4php	<a href="#">Apache License 2.0</a> Copyright 2012 Apache Software Foundation
Igor Sysoev, Nginx Inc	nginx	<a href="#">BSD 2</a> Copyright (C) 2002-2020 Igor Sysoev Copyright (C) 2011-2020 Nginx, Inc.
Python Software Foundation	Python	<a href="#">Python Software Foundation License 2.0</a> Python Software Foundation
The PHP Group	PHP	<a href="#">The PHP License, version 3.01</a> Copyright (c) 1999 - 2019 The PHP Group
Free Software Foundation, Inc.	simpletest	<a href="#">LGPL v2.1</a> Copyright (C) 1991, 1999 Free Software Foundation, Inc.
Pivotal Labs	jasmine	<a href="#">MIT</a> Copyright (c) 2008-2019 Pivotal Labs
AWS	AWS PHP SDK	<a href="#">Apache License 2.0</a> Copyright 2010-2014 Amazon.com, Inc. or its affiliates
Mike Samuel	Google Code Prettify	<a href="#">Apache License 2.0</a> Google

Daniele Alessandri	redis	<a href="#">MIT</a> Copyright (c) 2009-2016 Daniele Alessandri
Dominik Liebler	statsd-php	<a href="#">MIT</a> Copyright (c) 2020 Dominik Liebler
Apache Software Foundation	stomp-php	<a href="#">Apache License 2.0</a> Dejan Bosnanac Sören Rohweder Jens Radtke
Ascender Corporation	Open Sans font	<a href="#">Apache License 2.0</a> Digitized data copyright (C) 2010-2011, Google Corporation.
Vernon Adams Manvel Shmavonyan	Nunito font	<a href="#">SIL Open Font License 1.1</a> Copyright 2014 The Nunito Project Authors ( <a href="https://github.com/googlefonts/NunitoFont">https://github.com/googlefonts/NunitoFont</a> )
Pasquale Vazzana	bindonce	<a href="#">MIT</a> Copyright (c) 2013-2014 Pasquale Vazzana
Google	Lato google font	<a href="#">SIL Open Font License 1.1</a> Copyright (c) 2010-2015 by tyPoland Lukasz Dziedzic with Reserved Font Name "Lato"
Simon Sapin	weasyprint	<a href="#">BSD 3</a> Copyright (c) 2011-2020, Simon Sapin and contributors.
Moby	Docker Engine CE	<a href="#">Apache License 2.0</a> Copyright 2013-2018 Docker, Inc.
Anhero Inc.	JsonBox	<a href="#">MIT</a> Copyright (c) 2011 Anhero Inc.
E. Michael Gertz , Stephen Wright	OOQP	<a href="#">Government License</a> COPYRIGHT 2001 UNIVERSITY OF CHICAGO
Beman Dawes, David Abrahams, Rene Rivera	Boost	<a href="#">Boost Software License v1.0</a> Copyright Beman Dawes, David Abrahams, 1998-2005. Copyright Rene Rivera 2004-2007

## BSD 2

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

### **BSD 3**

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

### **BSD 4**

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:  
This product includes software developed by the organization.
4. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDER "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

## **BSD-derived**

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions in source code must retain the accompanying copyright notice, this list of conditions, and the following disclaimer.
2. Redistributions in binary form must reproduce the accompanying copyright notice, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Names of the copyright holders must not be used to endorse or promote products derived from this software without prior written permission from the copyright holders.
4. If any files are modified, you must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

### Disclaimer

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

## **MIT**

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

---

## **MIT (Expat license)**

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.



THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

---

## **Creative Commons Attribution-ShareAlike 2.0 Generic (CC BY-SA 2.0)**

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

### 1. Definitions

"Collective Work" means a work, such as a periodical issue, anthology or encyclopedia, in which the Work in its entirety in unmodified form, along with a number of other contributions, constituting separate and independent works in themselves, are assembled into a collective whole. A work that constitutes a Collective Work will not be considered a Derivative Work (as defined below) for the purposes of this License.

"Derivative Work" means a work based upon the Work or upon the Work and other pre-existing works, such as a translation, musical arrangement, dramatization, fictionalization, motion picture version, sound recording, art reproduction, abridgment, condensation, or any other form in which the Work may be recast, transformed, or adapted, except that a work that constitutes a Collective Work will not be considered a Derivative Work for the purpose of this License. For the avoidance of doubt, where the Work is a musical composition or sound recording, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered a Derivative Work for the purpose of this License.

"Licensor" means the individual or entity that offers the Work under the terms of this License.

"Original Author" means the individual or entity who created the Work.

"Work" means the copyrightable work of authorship offered under the terms of this License.

"You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

"License Elements" means the following high-level license attributes as selected by Licensor and indicated in the title of this License: Attribution, ShareAlike.

2. Fair Use Rights. Nothing in this license is intended to reduce, limit, or restrict any rights arising from fair use, first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

to reproduce the Work, to incorporate the Work into one or more Collective Works, and to reproduce the Work as incorporated in the Collective Works;  
to create and reproduce Derivative Works;

to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission the Work including as incorporated in Collective Works;  
to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission Derivative Works.

For the avoidance of doubt, where the work is a musical composition:  
Performance Royalties Under Blanket Licenses. Licensor waives the exclusive right to collect, whether individually or via a performance rights society (e.g. ASCAP, BMI, SESAC), royalties for the public performance or public digital performance (e.g. webcast) of the Work.  
Mechanical Rights and Statutory Royalties. Licensor waives the exclusive right to collect, whether individually or via a music rights society or designated agent (e.g. Harry Fox Agency), royalties for any phonorecord You create from the Work ("cover version") and distribute, subject to the compulsory license created by 17 USC Section 115 of the US Copyright Act (or the equivalent in other jurisdictions).  
Webcasting Rights and Statutory Royalties. For the avoidance of doubt, where the Work is a sound recording, Licensor waives the exclusive right to collect, whether individually or via a performance-rights society (e.g. SoundExchange), royalties for the public digital performance (e.g. webcast) of the Work, subject to the compulsory license created by 17 USC Section 114 of the US Copyright Act (or the equivalent in other jurisdictions).

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. All rights not expressly granted by Licensor are hereby reserved.

4. Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

You may distribute, publicly display, publicly perform, or publicly digitally perform the Work only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy or phonorecord of the Work You distribute, publicly display, publicly perform, or publicly digitally perform. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute, publicly display, publicly perform, or publicly digitally perform the Work with any technological measures that control access or use of the Work in a manner inconsistent with the terms of this License Agreement. The above applies to the Work as incorporated in a Collective Work, but this does not require the Collective Work apart from the Work itself to be made subject to the terms of this License. If You create a Collective Work, upon notice from any Licensor You must, to the extent practicable, remove from the Collective Work any reference to such Licensor or the Original Author, as requested. If You create a Derivative Work, upon notice from any Licensor You must, to the extent practicable, remove from the Derivative Work any reference to such Licensor or the Original Author, as requested.

You may distribute, publicly display, publicly perform, or publicly digitally perform a Derivative Work only under the terms of this License, a later version of this License with the same License Elements as this License, or a Creative Commons iCommons license that contains the same License Elements as this License (e.g. Attribution-ShareAlike 2.0 Japan). You must include a copy of, or the Uniform Resource Identifier for, this License or other license specified in the previous sentence with every copy or phonorecord of each Derivative Work You distribute, publicly display, publicly perform, or publicly digitally perform. You may not offer or impose any terms on the Derivative Works that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder, and You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute, publicly display, publicly perform, or publicly digitally perform the Derivative Work with any technological measures that control access or use of the Work in a manner inconsistent

with the terms of this License Agreement. The above applies to the Derivative Work as incorporated in a Collective Work, but this does not require the Collective Work apart from the Derivative Work itself to be made subject to the terms of this License.

If you distribute, publicly display, publicly perform, or publicly digitally perform the Work or any Derivative Works or Collective Works, You must keep intact all copyright notices for the Work and give the Original Author credit reasonable to the medium or means You are utilizing by conveying the name (or pseudonym if applicable) of the Original Author if supplied; the title of the Work if supplied; to the extent reasonably practicable, the Uniform Resource Identifier, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and in the case of a Derivative Work, a credit identifying the use of the Work in the Derivative Work (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). Such credit may be implemented in any reasonable manner; provided, however, that in the case of a Derivative Work or Collective Work, at a minimum such credit will appear where any other comparable authorship credit appears and in a manner at least as prominent as such other comparable authorship credit.

#### 5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE MATERIALS, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. Termination

This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Derivative Works or Collective Works from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.

Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

#### 8. Miscellaneous

Each time You distribute or publicly digitally perform the Work or a Collective Work, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.

Each time You distribute or publicly digitally perform a Derivative Work, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License. If any provision of this License is invalid or unenforceable under applicable

law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.

This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.

---

### **Creative Commons Attribution 3.0 Unported (CC BY 3.0)**

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. TO THE EXTENT THIS LICENSE MAY BE CONSIDERED TO BE A CONTRACT, THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

#### 1. Definitions

"Adaptation" means a work based upon the Work, or upon the Work and other pre-existing works, such as a translation, adaptation, derivative work, arrangement of music or other alterations of a literary or artistic work, or phonogram or performance and includes cinematographic adaptations or any other form in which the Work may be recast, transformed, or adapted including in any form recognizably derived from the original, except that a work that constitutes a Collection will not be considered an Adaptation for the purpose of this License. For the avoidance of doubt, where the Work is a musical work, performance or phonogram, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered an Adaptation for the purpose of this License.

"Collection" means a collection of literary or artistic works, such as encyclopedias and anthologies, or performances, phonograms or broadcasts, or other works or subject matter other than works listed in Section 1(f) below, which, by reason of the selection and arrangement of their contents, constitute intellectual creations, in which the Work is included in its entirety in unmodified form along with one or more other contributions, each constituting separate and independent works in themselves, which together are assembled into a collective whole. A work that constitutes a Collection will not be considered an Adaptation (as defined above) for the purposes of this License.

"Distribute" means to make available to the public the original and copies of the Work or Adaptation, as appropriate, through sale or other transfer of ownership.

"Licensor" means the individual, individuals, entity or entities that offer(s) the Work under the terms of this License.

"Original Author" means, in the case of a literary or artistic work, the individual, individuals, entity or entities who created the Work or if no individual or entity can be identified, the publisher; and in addition (i) in the case of a performance the actors, singers, musicians, dancers, and other persons who act, sing, deliver, declaim, play in, interpret or otherwise perform literary or artistic works or expressions of folklore; (ii) in the case of a phonogram the producer being the person or legal entity who first fixes the sounds of a performance or other sounds; and, (iii) in the case of broadcasts, the organization that transmits the broadcast.

"Work" means the literary and/or artistic work offered under the terms of this License including without limitation any production in the literary, scientific and artistic domain, whatever may be the mode or form of its

expression including digital form, such as a book, pamphlet and other writing; a lecture, address, sermon or other work of the same nature; a dramatic or dramatico-musical work; a choreographic work or entertainment in dumb show; a musical composition with or without words; a cinematographic work to which are assimilated works expressed by a process analogous to cinematography; a work of drawing, painting, architecture, sculpture, engraving or lithography; a photographic work to which are assimilated works expressed by a process analogous to photography; a work of applied art; an illustration, map, plan, sketch or three-dimensional work relative to geography, topography, architecture or science; a performance; a broadcast; a phonogram; a compilation of data to the extent it is protected as a copyrightable work; or a work performed by a variety or circus performer to the extent it is not otherwise considered a literary or artistic work.

"You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

"Publicly Perform" means to perform public recitations of the Work and to communicate to the public those public recitations, by any means or process, including by wire or wireless means or public digital performances; to make available to the public Works in such a way that members of the public may access these Works from a place and at a place individually chosen by them; to perform the Work to the public by any means or process and the communication to the public of the performances of the Work, including by public digital performance; to broadcast and rebroadcast the Work by any means including signs, sounds or images.

"Reproduce" means to make copies of the Work by any means including without limitation by sound or visual recordings and the right of fixation and reproducing fixations of the Work, including storage of a protected performance or phonogram in digital form or other electronic medium.

2. Fair Dealing Rights. Nothing in this License is intended to reduce, limit, or restrict any uses free from copyright or rights arising from limitations or exceptions that are provided for in connection with the copyright protection under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

to Reproduce the Work, to incorporate the Work into one or more Collections, and to Reproduce the Work as incorporated in the Collections; to create and Reproduce Adaptations provided that any such Adaptation, including any translation in any medium, takes reasonable steps to clearly label, demarcate or otherwise identify that changes were made to the original Work. For example, a translation could be marked "The original work was translated from English to Spanish," or a modification could indicate "The original work has been modified."; to Distribute and Publicly Perform the Work including as incorporated in Collections; and, to Distribute and Publicly Perform Adaptations.

For the avoidance of doubt:

Non-waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme cannot be waived, the Licensor reserves the exclusive right to collect such royalties for any exercise by You of the rights granted under this License;

Waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme can be waived, the Licensor waives the exclusive right to collect such royalties for any exercise by You of the rights granted under this License; and,

Voluntary License Schemes. The Licensor waives the right to collect royalties, whether individually or, in the event that the Licensor is a member of a collecting society that administers voluntary licensing schemes, via that society, from any exercise by You of the rights granted under this License.

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. Subject to Section 8(f), all rights not expressly granted by Licensor are hereby reserved.

4. Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

You may Distribute or Publicly Perform the Work only under the terms of this License. You must include a copy of, or the Uniform Resource Identifier (URI) for, this License with every copy of the Work You Distribute or Publicly Perform. You may not offer or impose any terms on the Work that restrict the terms of this License or the ability of the recipient of the Work to exercise the rights granted to that recipient under the terms of the License. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties with every copy of the Work You Distribute or Publicly Perform. When You Distribute or Publicly Perform the Work, You may not impose any effective technological measures on the Work that restrict the ability of a recipient of the Work from You to exercise the rights granted to that recipient under the terms of the License. This Section 4(a) applies to the Work as incorporated in a Collection, but this does not require the Collection apart from the Work itself to be made subject to the terms of this License. If You create a Collection, upon notice from any Licensor You must, to the extent practicable, remove from the Collection any credit as required by Section 4(b), as requested. If You create an Adaptation, upon notice from any Licensor You must, to the extent practicable, remove from the Adaptation any credit as required by Section 4(b), as requested. If You Distribute, or Publicly Perform the Work or any Adaptations or Collections, You must, unless a request has been made pursuant to Section 4(a), keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or if the Original Author and/or Licensor designate another party or parties (e.g., a sponsor institute, publishing entity, journal) for attribution ("Attribution Parties") in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; (ii) the title of the Work if supplied; (iii) to the extent reasonably practicable, the URI, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and (iv) , consistent with Section 3(b), in the case of an Adaptation, a credit identifying the use of the Work in the Adaptation (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). The credit required by this Section 4 (b) may be implemented in any reasonable manner; provided, however, that in the case of a Adaptation or Collection, at a minimum such credit will appear, if a credit for all contributing authors of the Adaptation or Collection appears, then as part of these credits and in a manner at least as prominent as the credits for the other contributing authors. For the avoidance of doubt, You may only use the credit required by this Section for the purpose of attribution in the manner set out above and, by exercising Your rights under this License, You may not implicitly or explicitly assert or imply any connection with, sponsorship or endorsement by the Original Author, Licensor and/or Attribution Parties, as appropriate, of You or Your use of the Work, without the separate, express prior written permission of the Original Author, Licensor and/or Attribution Parties. Except as otherwise agreed in writing by the Licensor or as may be otherwise permitted by applicable law, if You Reproduce, Distribute or Publicly Perform the Work either by itself or as part of any Adaptations or Collections, You must not distort, mutilate, modify or take other derogatory action in relation to the Work which would be prejudicial to the Original Author's honor or reputation. Licensor agrees that in those jurisdictions (e.g. Japan), in which any exercise of the right granted in Section 3(b) of this License (the right to make Adaptations) would be deemed to be a distortion, mutilation, modification or other derogatory action prejudicial to the Original Author's honor and reputation, the Licensor will waive or not assert, as appropriate, this Section, to the fullest extent permitted by the applicable national law, to enable You to reasonably exercise Your right under Section 3(b) of this License (right to make Adaptations) but not

otherwise.

## 5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## 7. Termination

This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Adaptations or Collections from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.

Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work).

Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

## 8. Miscellaneous

Each time You Distribute or Publicly Perform the Work or a Collection, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.

Each time You Distribute or Publicly Perform an Adaptation, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.

If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.

This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.

The rights granted under, and the subject matter referenced, in this License were drafted utilizing the terminology of the Berne Convention for the Protection of Literary and Artistic Works (as amended on September 28, 1979), the Rome Convention of 1961, the WIPO Copyright Treaty of 1996, the WIPO Performances and Phonograms Treaty of 1996 and the Universal Copyright Convention (as revised on July 24, 1971). These rights and subject matter take effect in the relevant jurisdiction in which the License terms are

sought to be enforced according to the corresponding provisions of the implementation of those treaty provisions in the applicable national law. If the standard suite of rights granted under applicable copyright law includes additional rights not granted under this License, such additional rights are deemed to be included in the License; this License is not intended to restrict the license of any rights under applicable law.

---

## **Creative Commons Attribution 4.0 International (CC BY 4.0)**

By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the extent this Public License may be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions.

### Section 1 - Definitions.

Adapted Material means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image.

Adapter's License means the license You apply to Your Copyright and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License.

Copyright and Similar Rights means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights.

Effective Technological Measures means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright Treaty adopted on December 20, 1996, and/or similar international agreements.

Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material.

Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License.

Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license.

Licensor means the individual(s) or entity(ies) granting rights under this Public License.

Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution, dissemination, communication, or importation, and to make material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them.

Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world.

You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning.

### Section 2 - Scope.

License grant.



Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to:

reproduce and Share the Licensed Material, in whole or in part; and produce, reproduce, and Share Adapted Material.

Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions.

Term. The term of this Public License is specified in Section 6(a).

Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created, and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a)(4) never produces Adapted Material.

Downstream recipients.

Offer from the Licensor - Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License.

No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material.

No endorsement. Nothing in this Public License constitutes or may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the Licensor or others designated to receive attribution as provided in Section 3(a)(1)(A)(i).

Other rights.

Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity, privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise.

Patent and trademark rights are not licensed under this Public License.

To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties.

Section 3 - License Conditions.

Your exercise of the Licensed Rights is expressly made subject to the following conditions.

Attribution.

If You Share the Licensed Material (including in modified form), You must: retain the following if it is supplied by the Licensor with the Licensed Material:

identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated);

a copyright notice;

a notice that refers to this Public License;

a notice that refers to the disclaimer of warranties;

a URI or hyperlink to the Licensed Material to the extent reasonably practicable;

indicate if You modified the Licensed Material and retain an indication of any previous modifications; and

indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License.

You may satisfy the conditions in Section 3(a)(1) in any reasonable manner

based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information.

If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable.

If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License.

#### Section 4 - Sui Generis Database Rights.

Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the Licensed Material:

for the avoidance of doubt, Section 2(a)(1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database;

if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database Rights (but not its individual contents) is Adapted Material; and

You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database.

For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights.

#### Section 5 - Disclaimer of Warranties and Limitation of Liability.

Unless otherwise separately undertaken by the Licensor, to the extent possible, the Licensor offers the Licensed Material as-is and as-available, and makes no representations or warranties of any kind concerning the Licensed Material, whether express, implied, statutory, or other. This includes, without limitation, warranties of title, merchantability, fitness for a particular purpose, non-infringement, absence of latent or other defects, accuracy, or the presence or absence of errors, whether or not known or discoverable. Where disclaimers of warranties are not allowed in full or in part, this disclaimer may not apply to You.

To the extent possible, in no event will the Licensor be liable to You on any legal theory (including, without limitation, negligence) or otherwise for any direct, special, indirect, incidental, consequential, punitive, exemplary, or other losses, costs, expenses, or damages arising out of this Public License or use of the Licensed Material, even if the Licensor has been advised of the possibility of such losses, costs, expenses, or damages. Where a limitation of liability is not allowed in full or in part, this limitation may not apply to You.

The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability.

#### Section 6 - Term and Termination.

This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with this Public License, then Your rights under this Public License terminate automatically.

Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates:

automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or

upon express reinstatement by the Licensor.

For the avoidance of doubt, this Section 6(b) does not affect any right the Licensor may have to seek remedies for Your violations of this Public License.

For the avoidance of doubt, the Licensor may also offer the Licensed Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this

Public License.

Sections 1, 5, 6, 7, and 8 survive termination of this Public License.

Section 7 - Other Terms and Conditions.

The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed.

Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and conditions of this Public License.

Section 8 - Interpretation.

For the avoidance of doubt, this Public License does not, and shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License.

To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the minimum extent necessary to make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions.

No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor.

Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.

---

## Apache License 2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the

Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear.

The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

---

## **Python Software Foundation License 2.0**

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.

2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to

reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.

3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.

4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.

---

## Public Domain

Public Domain

---

## GPL v1

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc. 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or

for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph 1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE



IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

---

## GPL v2

### GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues),

conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.  
END OF TERMS AND CONDITIONS

---

## GPL v3

### GNU GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<https://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely

where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

## TERMS AND CONDITIONS

### 0. Definitions.

“This License” refers to version 3 of the GNU General Public License.

“Copyright” also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

“The Program” refers to any copyrightable work licensed under this License. Each licensee is addressed as “you”. “Licensees” and “recipients” may be individuals or organizations.

To “modify” a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a “modified version” of the earlier work or a work “based on” the earlier work.

A “covered work” means either the unmodified Program or a work based on the Program.

To “propagate” a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To “convey” a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays “Appropriate Legal Notices” to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

### 1. Source Code.

The “source code” for a work means the preferred form of the work for making modifications to it. “Object code” means any non-source form of a work.

A “Standard Interface” means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The “System Libraries” of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to

implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

## 2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

## 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

## 4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License

along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

#### 5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to “keep intact all notices”.
- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an “aggregate” if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation’s users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

#### 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- e) Convey the object code using peer-to-peer transmission, provided you



inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A “User Product” is either (1) a “consumer product”, which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, “normally used” refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

“Installation Information” for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

#### 7. Additional Terms.

“Additional permissions” are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered “further restrictions” within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

#### 8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

#### 9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License

grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

#### 10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An “entity transaction” is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, offering for sale, or importing the Program or any portion of it.

#### 11. Patents.

A “contributor” is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's “contributor version”.

A contributor's “essential patent claims” are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, “control” includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a “patent license” is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To “grant” such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. “Knowingly relying” means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement,

you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is “discriminatory” if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License “or any later version” applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT

PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

---

## AGPL v3

GNU AFFERO GENERAL PUBLIC LICENSE

Version 3, 19 November 2007

Copyright © 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.  
Preamble

The GNU Affero General Public License is a free, copyleft license for software and other kinds of works, specifically designed to ensure cooperation with the community in the case of network server software.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, our General Public Licenses are intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

Developers that use our General Public Licenses protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License which gives you legal permission to copy, distribute and/or modify the software.

A secondary benefit of defending all users' freedom is that improvements made in alternate versions of the program, if they receive widespread use, become available for other developers to incorporate. Many developers of free software are heartened and encouraged by the resulting cooperation.

However, in the case of software used on network servers, this result may fail to come about. The GNU General Public License permits making a modified version and letting the public access it on a server without ever releasing its source code to the public.

The GNU Affero General Public License is designed specifically to ensure that, in such cases, the modified source code becomes available to the community. It requires the operator of a network server to provide the source code of the modified version running there to the users of that server. Therefore, public use of a modified version, on a publicly accessible server, gives the public access to the source code of the modified version.

An older license, called the Affero General Public License and published by Affero, was designed to accomplish similar goals. This is a different license, not a version of the Affero GPL, but Affero has released a new version of the Affero GPL which permits relicensing under this license.

The precise terms and conditions for copying, distribution and modification follow.

## TERMS AND CONDITIONS

### 0. Definitions.

"This License" refers to version 3 of the GNU Affero General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

## 2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

## 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

## 4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and

appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

#### 5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

#### 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the



Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

## 7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional

permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

## 8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

## 9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

#### 10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

#### 11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the

covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Remote Network Interaction; Use with the GNU General Public License.

Notwithstanding any other provision of this License, if you modify the Program, your modified version must prominently offer all users interacting with it remotely through a computer network (if your version supports such interaction) an opportunity to receive the Corresponding Source of your version by providing access to the Corresponding Source from a network server at no charge, through some standard or customary means of facilitating copying of software. This Corresponding Source shall include the Corresponding Source for any work covered by version 3 of the GNU General Public License that is incorporated pursuant to the following paragraph.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the work with which it is combined will remain governed by version 3 of the GNU General Public License.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU Affero General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU Affero General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not

specify a version number of the GNU Affero General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU Affero General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

---

## **LGPL v2**

### GNU LIBRARY GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA  
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries

whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore,

Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely



defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact that part of it

is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library

specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.  
END OF TERMS AND CONDITIONS

---

## LGPL v2.1

### GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables

many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as

an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of

such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the

Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain



countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

---

## LGPL v3

GNU LESSER GENERAL PUBLIC LICENSE  
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

0. Additional Definitions.

As used herein, “this License” refers to version 3 of the GNU Lesser General Public License, and the “GNU GPL” refers to version 3 of the GNU General Public License.

“The Library” refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An “Application” is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A “Combined Work” is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the “Linked Version”.

The “Minimal Corresponding Source” for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The “Corresponding Application Code” for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

#### 1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

#### 2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

#### 3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the object code with a copy of the GNU GPL and this license document.

#### 4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

- a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this

License.

b) Accompany the Combined Work with a copy of the GNU GPL and this license document.

c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.

d) Do one of the following:

0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

## 5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

## 6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

---

## Mozilla Public License (MPL) V2

Mozilla Public License 2.0 (MPL-2.0)

## 1. Definitions

### 1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

### 1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

### 1.3. "Contribution"

means Covered Software of a particular Contributor.

### 1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

### 1.5. "Incompatible With Secondary Licenses"

means

that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

### 1.6. "Executable Form"

means any form of the work other than Source Code Form.

### 1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

### 1.8. "License"

means this document.

### 1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

### 1.10. "Modifications"

means any of the following:

any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

any new file in Source Code Form that contains any Covered Software.

### 1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

### 1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

### 1.13. "Source Code Form"

means the form of the work preferred for making modifications.

#### 1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

### 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

for any code that a Contributor has removed from Covered Software; or

for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

### 3. Responsibilities

#### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

#### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

#### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

#### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

#### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

### 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

### 5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are

reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

## 6. Disclaimer of Warranty

Covered Software is provided under this License on an “as is” basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

## 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

## 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

## 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

## 10. Versions of the License

### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a

distinguishing version number.

#### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

#### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.  
Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <https://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.  
Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

---

## Zope Public License (ZPL) V2.1

Zope Public License (ZPL) Version 2.1

A copyright notice accompanies this license document that identifies the copyright holders.

This license has been certified as open source. It has also been designated as GPL compatible by the Free Software Foundation (FSF).

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions in source code must retain the accompanying copyright notice, this list of conditions, and the following disclaimer.
2. Redistributions in binary form must reproduce the accompanying copyright notice, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Names of the copyright holders must not be used to endorse or promote products derived from this software without prior written permission from the copyright holders.
4. The right to distribute this software or to use it for any purpose does not give you the right to use Servicemarks (sm) or Trademarks (tm) of the copyright holders. Use of them is covered by separate agreement with the copyright holders.
5. If any files are modified, you must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

Disclaimer

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND



FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

## **Zope Public License (ZPL) V2.0**

Zope Public License (ZPL) Version 2.0

This software is Copyright (c) Zope Corporation (tm) and Contributors. All rights reserved.

This license has been certified as open source. It has also been designated as GPL compatible by the Free Software Foundation (FSF).

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions in source code must retain the above copyright notice, this list of conditions, and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.

The name Zope Corporation (tm) must not be used to endorse or promote products derived from this software without prior written permission from Zope Corporation.

The right to distribute this software or to use it for any purpose does not give you the right to use Servicemarks (sm) or Trademarks (tm) of Zope Corporation. Use of them is covered in a separate agreement (see <http://www.zope.com/Marks>).

If any files are modified, you must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

Disclaimer

THIS SOFTWARE IS PROVIDED BY ZOPE CORPORATION ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ZOPE CORPORATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This software consists of contributions made by Zope Corporation and many individuals on behalf of Zope Corporation. Specific attributions are listed in the accompanying credits file.

---

## **Unlicense**

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <<http://unlicense.org/>>

---

### **Internet Software Consortium (ISC)**

Copyright © 2004-2013 by Internet Systems Consortium, Inc. ("ISC")  
Copyright © 1995-2003 by Internet Software Consortium

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

---

### **Creative Commons Zero v1.0 Universal (CC0 1.0)**

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited

to, the following:

the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;  
moral rights retained by the original author(s) and/or performer(s);  
publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;  
rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;  
rights protecting the extraction, dissemination, use and reuse of data in a Work;  
database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and  
other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

#### 4. Limitations and Disclaimers.

No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer

disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.  
Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

---

## **SIL Open Font License 1.1**

-----  
SIL OPEN FONT LICENSE Version 1.1 - 26 February 2007  
-----

### **PREAMBLE**

The goals of the Open Font License (OFL) are to stimulate worldwide development of collaborative font projects, to support the font creation efforts of academic and linguistic communities, and to provide a free and open framework in which fonts may be shared and improved in partnership with others.

The OFL allows the licensed fonts to be used, studied, modified and redistributed freely as long as they are not sold by themselves. The fonts, including any derivative works, can be bundled, embedded, redistributed and/or sold with any software provided that any reserved names are not used by derivative works. The fonts and derivatives, however, cannot be released under any other type of license. The requirement for fonts to remain under this license does not apply to any document created using the fonts or their derivatives.

### **DEFINITIONS**

"Font Software" refers to the set of files released by the Copyright Holder(s) under this license and clearly marked as such. This may include source files, build scripts and documentation.

"Reserved Font Name" refers to any names specified as such after the copyright statement(s).

"Original Version" refers to the collection of Font Software components as distributed by the Copyright Holder(s).

"Modified Version" refers to any derivative made by adding to, deleting, or substituting -- in part or in whole -- any of the components of the Original Version, by changing formats or by porting the Font Software to a new environment.

"Author" refers to any designer, engineer, programmer, technical writer or other person who contributed to the Font Software.

### **PERMISSION & CONDITIONS**

Permission is hereby granted, free of charge, to any person obtaining a copy of the Font Software, to use, study, copy, merge, embed, modify, redistribute, and sell modified and unmodified copies of the Font Software, subject to the following conditions:

- 1) Neither the Font Software nor any of its individual components, in Original or Modified Versions, may be sold by itself.
- 2) Original or Modified Versions of the Font Software may be bundled, redistributed and/or sold with any software, provided that each copy contains the above copyright notice and this license. These can be included either as stand-alone text files, human-readable headers or in the appropriate machine-readable metadata fields within text or binary files as long as those fields can be easily viewed by the user.
- 3) No Modified Version of the Font Software may use the Reserved Font Name(s) unless explicit written permission is granted by the corresponding Copyright Holder. This restriction only applies to the primary font name as presented to the users.
- 4) The name(s) of the Copyright Holder(s) or the Author(s) of the Font

Software shall not be used to promote, endorse or advertise any Modified Version, except to acknowledge the contribution(s) of the Copyright Holder(s) and the Author(s) or with their explicit written permission.

5) The Font Software, modified or unmodified, in part or in whole, must be distributed entirely under this license, and must not be distributed under any other license. The requirement for fonts to remain under this license does not apply to any document created using the Font Software.

#### TERMINATION

This license becomes null and void if any of the above conditions are not met.

#### DISCLAIMER

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

---

#### **Permissive License (<http://www.dynamicdrive.com/notice.htm>)**

Last updated: July 7th, 2015

Unless indicated otherwise by the credit, all scripts on this site are original scripts written by the authors of Dynamic Drive, and are protected by both US and international copyright laws. The below lists the terms of use users of Dynamic Drive must agree to before using the programs/scripts:

Users may use any DHTML scripts offered for download on Dynamic Drive, free of charge, on both personal and commercial web sites. This includes web designers who wish to use our DHTML scripts in their paid web site projects.

You may modify our scripts to customize them based on your needs.

Users may NOT, however, redistribute or repost/ resell for download any DHTML script found on Dynamic Drive. Redistribution is defined as re-offering our scripts for download in any fashion, whether on a competing web site, an application that generates code snippets, or a CD-ROM collection of CSS/JavaScript codes etc. Some examples of what is acceptable and what is not are:

Acceptable:

-Use our DHTML scripts on any personal or commercial web site to aid in its functionality/ usability.

-As a web designer, use our DHTML scripts in your paid projects for your client web sites.

-As a software developer, use our DHTML scripts within a application/ program as part of its interface, such as a CSS menu being used as the program's navigation interface. The program itself can be distributable.

In all cases above, the credit notice within the script must remain intact and unaltered.

Not Acceptable:

-Put our DHTML scripts on another script library or webmaster type site for others to download.

-Use our DHTML scripts in any type of service or application whereby our

codes are part of the product offerings themselves.  
-Put our DHTML scripts in any other types of medium for direct redistribution, such as a CD-ROM that consists of, but not limited to, webmaster codes and web graphics.  
Users are NOT required to retain the credit notice inside each script for legal use of said script (new addendum July 2nd 2015), though we would appreciate if the notice remained intact. The credit notice of each script appears between the <script> tag, such as:

```
/*  
* Dynamic Countdown script- (c) Dynamic Drive (http://  
www.dynamicdrive.com)  
* Please keep this notice intact  
* Visit http://www.dynamicdrive.com/ for this script and 100s more.  
*/
```

Users agree not to use scripts found on Dynamic Drive for illegal purposes, or on pages containing illegal material.  
Users agree not to hold Dynamic Drive liable for any damages resulted from proper or improper use of any of the scripts found on Dynamic Drive. Use at your own risk.  
Users are not required to link back to Dynamic Drive to use our DHTML scripts, as much as they are appreciated. :)

By using any of the scripts on Dynamic Drive, you understand that you have read and agreed to the above usage terms.

---

## **PIL**

The Python Imaging Library (PIL) is

Copyright © 1997-2011 by Secret Labs AB  
Copyright © 1995-2011 by Fredrik Lundh

By obtaining, using, and/or copying this software and/or its associated documentation, you agree that you have read, understood, and will comply with the following terms and conditions:

Permission to use, copy, modify, and distribute this software and its associated documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appears in all copies, and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of Secret Labs AB or the author not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

SECRET LABS AB AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL SECRET LABS AB OR THE AUTHOR BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

---

## **Authlib Commercial**

```
=====  
Authlib - Terms and conditions  
=====
```

### 1. **\*\*Preamble\*\***:

This Agreement governs the relationship between "YOU" (hereinafter: Licensee) and Hsiaoming Yang (hereinafter: Licensor). This Agreement sets the terms, rights, restrictions and obligations on using Authlib (hereinafter: The Software)

created and owned by Licensor, as detailed herein

## 2. **License Grant**:

Licensor hereby grants Licensee a Personal, Non-assignable & non-transferable, Commercial, Royalty free, Including the rights to create but not distribute derivative works, Non-exclusive license, all with accordance with the terms set forth and other legal restrictions set forth in 3rd party software used while running Software.

2.1. **Limited**: Licensee may use Software for the purpose of:

2.1.1. Running Software on Licensee's Website[s] and Server[s];

2.1.2. Modify Software to suit Licensee's needs and specifications.

2.2. **Non Assignable & Non-Transferable**: Licensee may not assign or transfer his rights and duties under this license.

2.3. **Commercial, Royalty Free**: Licensee may use Software for any purpose, including paid-services, without any royalties

2.4. **Including the Right to Create Derivative Works**: Licensee may create derivative works based on Software, including amending Software's source code, modifying it, integrating it into a larger work or removing portions of Software, as long as no distribution of the derivative works is made

## 3. **Term & Termination**:

The Term of this license shall be until terminated. Licensor may terminate this Agreement, including Licensee's license in the case where Licensee:

3.1. became insolvent or otherwise entered into any liquidation process;

3.2. exported The Software to any jurisdiction where licensor may not enforce his rights under this agreements in;

3.3. Licensee was in breach of any of this license's terms and conditions and such breach was not cured, immediately upon notification;

3.4. Licensee in breach of any of the terms of clause 2 to this license;

3.5. Licensee otherwise entered into any arrangement which caused Licensor

to be unable to enforce his rights under this License.

## 4. **Payment**:

In consideration of the License granted under clause 2, Licensee shall pay Licensor a fee, via Credit-Card, PayPal or any other mean which Licensor may deem adequate. Failure to perform payment shall construe as material breach of this Agreement.

## 5. **Upgrades, Updates and Fixes**:

Licensor may provide Licensee, from time to time, with Upgrades, Updates or Fixes, as detailed herein and according to his sole discretion. Licensee hereby warrants to keep The Software up-to-date and install all relevant updates and fixes. Licensor shall provide any update or Fix free of charge; however, nothing in this Agreement shall require Licensor to provide Updates or Fixes.

5.1. **Upgrades**: for the purpose of this license, an Upgrade shall be a material amendment in The Software, which contains new features and or major performance improvements and shall be marked as a new version

number. For example, The Software under version 1.X.X, an upgrade shall commence under number 2.0.0.

5.2. **Updates**: for the purpose of this license, an update shall be a minor amendment in The Software, which may contain new features or minor improvements and shall be marked as a new sub-version number. For example, The Software under version 1.1.X, an upgrade shall commence under number 1.2.0.

5.3. **Fix**: for the purpose of this license, a fix shall be a minor amendment in The Software, intended to remove bugs or alter minor features which impair the The Software's functionality. A fix shall be marked as a new sub-sub-version number. For example, Software under version 1.1.1, an upgrade shall commence under number 1.1.2.

## 6. **Support**:

Software is provided under an AS-IS basis and without any support, updates or maintenance. Nothing in this Agreement shall require Licensor to provide Licensee with support or fixes to any bug, failure, mis-performance or other defect in The Software.

6.1. **Bug Notification**: Licensee may provide Licensor of details regarding any bug, defect or failure in The Software promptly and with no delay from such event; Licensee shall comply with Licensor's request for information regarding bugs, defects or failures and furnish him with information, screenshots and try to reproduce such bugs, defects or failures.

6.2. **Feature Request**: Licensee may request additional features in Software, provided, however, that

- (i) Licensee shall waive any claim or right in such feature should feature be developed by Licensor;
- (ii) Licensee shall be prohibited from developing the feature, or disclose such feature request, or feature, to any 3rd party directly competing with Licensor or any 3rd party which may be, following the development of such feature, in direct competition with Licensor;
- (iii) Licensee warrants that feature does not infringe any 3rd party patent, trademark, trade-secret or any other intellectual property right; and
- (iv) Licensee developed, envisioned or created the feature solely by himself.

## 7. **Liability**:

To the extent permitted under Law, The Software is provided under an AS-IS basis. Licensor shall never, and without any limit, be liable for any damage, cost, expense or any other payment incurred by Licensee as a result of Software's actions, failure, bugs and/or any other interaction between The Software and Licensee's end-equipment, computers, other software or any 3rd party, end-equipment, computer or services. Moreover, Licensor shall never be liable for any defect in source code written by Licensee when relying on The Software or using The Software's source code.

## 8. **Warranty**:

8.1. **Intellectual Property**: Licensor hereby warrants that The Software does not violate or infringe any 3rd party claims in regards to intellectual property, patents and/or trademarks and that to the best of its knowledge no legal action has been taken against it for any infringement or violation of any 3rd party intellectual property rights.

8.2. **No-Warranty**: The Software is provided without any warranty; Licensor

hereby disclaims any warranty that The Software shall be error free, without defects or code which may cause damage to Licensee's computers or to Licensee, and that Software shall be functional. Licensee shall be solely liable to any damage, defect or loss incurred as a result of operating software and undertake the risks contained in running The Software on License's Server[s] and Website[s].

8.3. **Prior Inspection**: Licensee hereby states that he inspected The Software thoroughly and found it satisfactory and adequate to his needs, that it does not interfere with his regular operation and that it does



meet the standards and scope of his computer systems and architecture. Licensee found that The Software interacts with his development, website and server environment and that it does not infringe any of End User License Agreement of any software Licensee may use in performing his services. Licensee hereby waives any claims regarding The Software's incompatibility, performance, results and features, and warrants that he inspected the The Software.

9. **\*\*No Refunds\*\***:

Licensee warrants that he inspected The Software according to above clauses and that it is adequate to his needs. Accordingly, as The Software is intangible goods, Licensee shall not be, ever, entitled to any refund, rebate, compensation or restitution for any reason whatsoever, even if The Software contains material flaws.

10. **\*\*Indemnification\*\***:

Licensee hereby warrants to hold Licensor harmless and indemnify Licensor for any lawsuit brought against it in regards to Licensee's use of The Software in means that violate, breach or otherwise circumvent this license, Licensor's intellectual property rights or Licensor's title in The Software. Licensor shall promptly notify Licensee in case of such legal action and request Licensee's consent prior to any settlement in relation to such lawsuit or claim.

11. **\*\*Governing Law, Jurisdiction\*\***:

Licensee hereby agrees not to initiate class-action lawsuits against Licensor in relation to this license and to compensate Licensor for any legal fees, cost or attorney fees should any claim brought by Licensee against Licensor be denied, in part or in full.

---

## **Artistic License v1.0**

The Artistic License

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as ftp.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) accompany any non-standard executables with their corresponding Standard Version executables, giving the non-standard executables non-standard names, and clearly documenting the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whomever generated them, and may be sold commercially, and may be aggregated with this Package.

7. C or perl subroutines supplied by you and linked into this Package shall not be considered part of this Package.

8. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

9. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

---

## Academic Free License v2.1

The Academic Free License  
v.2.1

This Academic Free License (the "License") applies to any original work of authorship (the "Original Work") whose owner (the "Licensor") has placed the following notice immediately following the copyright notice for the Original Work:

Licensed under the Academic Free License version 2.1

1) Grant of Copyright License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license to do the following:

- a) to reproduce the Original Work in copies;
- b) to prepare derivative works ("Derivative Works") based upon the Original Work;
- c) to distribute copies of the Original Work and Derivative Works to the public;
- d) to perform the Original Work publicly; and
- e) to display the Original Work publicly.

2) Grant of Patent License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license, under patent claims owned or controlled by the Licensor that are embodied in the Original Work as furnished by the Licensor, to make, use, sell and offer for sale the Original Work and Derivative Works.

3) Grant of Source Code License. The term "Source Code" means the preferred form of the Original Work for making modifications to it and all available documentation describing how to modify the Original Work. Licensor hereby agrees to provide a machine-readable copy of the Source Code of the Original Work along with each copy of the Original Work that Licensor distributes. Licensor reserves the right to satisfy this obligation by placing a machine-readable copy of the Source Code in an information repository reasonably calculated to permit inexpensive and convenient access by You for as long as Licensor continues to distribute the Original Work, and by publishing the address of that information repository in a notice immediately following the copyright notice that applies to the Original Work.

4) Exclusions From License Grant. Neither the names of Licensor, nor the names of any contributors to the Original Work, nor any of their trademarks or service marks, may be used to endorse or promote products derived from this Original Work without express prior written permission of the Licensor. Nothing in this License shall be deemed to grant any rights to trademarks, copyrights, patents, trade secrets or any other intellectual property of Licensor except as expressly stated herein. No patent license is granted to make, use, sell or offer to sell embodiments of any patent claims other than the licensed claims defined in Section 2. No right is granted to the trademarks of Licensor even if such marks are included in the Original Work. Nothing in this License shall be interpreted to prohibit Licensor from licensing under different terms from this License any Original Work that Licensor otherwise would have a right to license.

5) This section intentionally omitted.

6) Attribution Rights. You must retain, in the Source Code of any Derivative Works that You create, all copyright, patent or trademark notices from the Source Code of the Original Work, as well as any notices of licensing and any descriptive text identified therein as an "Attribution Notice." You must cause the Source Code for any Derivative Works that You create to carry a prominent Attribution Notice reasonably calculated to inform recipients that You have modified the Original Work.

7) Warranty of Provenance and Disclaimer of Warranty. Licensor warrants that the copyright in and to the Original Work and the patent rights granted herein by Licensor are owned by the Licensor or are sublicensed to You under the terms of this License with the permission of the contributor(s) of those copyrights and patent rights. Except as expressly stated in the immediately preceding sentence, the Original Work is provided under this License on an "AS IS" BASIS and WITHOUT WARRANTY, either express or implied, including, without limitation, the warranties of NON-INFRINGEMENT, MERCHANTABILITY or FITNESS FOR A PARTICULAR

PURPOSE. THE ENTIRE RISK AS TO THE QUALITY OF THE ORIGINAL WORK IS WITH YOU. This DISCLAIMER OF WARRANTY constitutes an essential part of this License. No license to Original Work is granted hereunder except under this disclaimer.

8) Limitation of Liability. Under no circumstances and under no legal theory, whether in tort (including negligence), contract, or otherwise, shall the Licensor be liable to any person for any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or the use of the Original Work including, without limitation, damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses. This limitation of liability shall not apply to liability for death or personal injury resulting from Licensor's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

9) Acceptance and Termination. If You distribute copies of the Original Work or a Derivative Work, You must make a reasonable effort under the circumstances to obtain the express assent of recipients to the terms of this License. Nothing else but this License (or another written agreement between Licensor and You) grants You permission to create Derivative Works based upon the Original Work or to exercise any of the rights granted in Section 1 herein, and any attempt to do so except under the terms of this License (or another written agreement between Licensor and You) is expressly prohibited by U.S. copyright law, the equivalent laws of other countries, and by international treaty. Therefore, by exercising any of the rights granted to You in Section 1 herein, You indicate Your acceptance of this License and all of its terms and conditions.

10) Termination for Patent Action. This License shall terminate automatically and You may no longer exercise any of the rights granted to You by this License as of the date You commence an action, including a cross-claim or counterclaim, against Licensor or any licensee alleging that the Original Work infringes a patent. This termination provision shall not apply for an action alleging patent infringement by combinations of the Original Work with other software or hardware.

11) Jurisdiction, Venue and Governing Law. Any action or suit relating to this License may be brought only in the courts of a jurisdiction wherein the Licensor resides or in which Licensor conducts its primary business, and under the laws of that jurisdiction excluding its conflict-of-law provisions. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any use of the Original Work outside the scope of this License or after its termination shall be subject to the requirements and penalties of the U.S. Copyright Act, 17 U.S.C. § 101 et seq., the equivalent laws of other countries, and international treaty. This section shall survive the termination of this License.

12) Attorneys Fees. In any action to enforce the terms of this License or seeking damages relating thereto, the prevailing party shall be entitled to recover its costs and expenses, including, without limitation, reasonable attorneys' fees and costs incurred in connection with such action, including any appeal of such action. This section shall survive the termination of this License.

13) Miscellaneous. This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable.

14) Definition of "You" in This License. "You" throughout this License, whether in upper or lower case, means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with you. For purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

15) Right to Use. You may use the Original Work in all ways not otherwise restricted or conditioned by this License or by law, and Licensor promises not to interfere with or be responsible for such uses by You.

reserved.

Permission is hereby granted to copy and distribute this license without modification. This license may not be modified without the express written permission of its copyright owner.

---

### **The PHP License, version 3.01**

-----  
The PHP License, version 3.01  
Copyright (c) 1999 - 2019 The PHP Group. All rights reserved.  
-----

Redistribution and use in source and binary forms, with or without modification, is permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name "PHP" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact [group@php.net](mailto:group@php.net).
4. Products derived from this software may not be called "PHP", nor may "PHP" appear in their name, without prior written permission from [group@php.net](mailto:group@php.net). You may indicate that your software works in conjunction with PHP by saying "Foo for PHP" instead of calling it "PHP Foo" or "phpfoo"
5. The PHP Group may publish revised and/or new versions of the license from time to time. Each version will be given a distinguishing version number.  
Once covered code has been published under a particular version of the license, you may always continue to use it under the terms of that version. You may also choose to use such covered code under the terms of any subsequent version of the license published by the PHP Group. No one other than the PHP Group has the right to modify the terms applicable to covered code created under this License.
6. Redistributions of any form whatsoever must retain the following acknowledgment:  
"This product includes PHP software, freely available from  
<<http://www.php.net/software/>>".

THIS SOFTWARE IS PROVIDED BY THE PHP DEVELOPMENT TEAM ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE PHP DEVELOPMENT TEAM OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED

OF THE POSSIBILITY OF SUCH DAMAGE.

-----

This software consists of voluntary contributions made by many individuals on behalf of the PHP Group.

The PHP Group can be contacted via Email at [group@php.net](mailto:group@php.net).

For more information on the PHP Group and the PHP project, please see [<http://www.php.net>](http://www.php.net).

PHP includes the Zend Engine, freely available at [<http://www.zend.com>](http://www.zend.com).

---

### **Government License**

Portions of this material resulted from work developed under a U.S. Government contract and are subject to the following license: the Government is granted for itself and others acting in its behalf a paid-up, nonexclusive, irrevocable worldwide license in this computer software to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly.

---

### **Boost Software License v1.0**

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.