Coarch		
search		

(/search docs)

Anaconda (/anaconda/)
Anaconda package list

## ANACONDA PACKAGE LIST

Anaconda 4.4.0 (https://www.continuum.io/downloads) includes an easy installation of Python (2.7.13, 3.5.3, and/or 3.6.1) and updates of over 100 pre-built and tested scientific and analytic Python packages. These packages include NumPy, Pandas, SciPy, Matplotlib, and Jupyter. Over 620 more packages are available. You can install any of them with just one command:

conda install package-name

NOTE: Replace "package-name" with the name of the package to install.

Anaconda includes several open source development environments such as Jupyter/IPython, Spyder and <u>Visual Studio (https://www.visualstudio.com/vs/pvthon/)</u>, and is supported by Sublime Text 2 and PyCharm. Packages are regularly added. Anaconda is available for Linux, macOS and Windows, and is always proudly free and Open Source. Packages that are only available for some operating systems are noted with Linux and/or Windows and/or Mac listed in superscript next to the package name.

- All packages in the current version of Anaconda can be found in the package repository (http://repo.continuum.io/pkgs/).
- An RSS feed (http://repo.continuum.io/pkgs/rss.xml) is updated each time a new package is added to the Anaconda package repository.
- Lists of packages for prior versions of Anaconda are available on Old package lists (oldpkglists.html).

A full list of packages available in the latest release of Anaconda is below. Click the tabs to see which packages are available for each version of Python.

If you need a package that's not availble on this page, please go to the <u>Anaconda issues page (https://github.com/ContinuumIO/anaconda-issues/issues)</u> and click the Submit button to request one.

Python version: 2.7 Python version: 3.5 Python version: 3.6

Python version: 2.7

Number of supported packages: 530

Name	Version	Summary / License	In Installer
affine (https://github.com/sgillies/affine)	2.0.0	Matrices describing affine transformation of the plane. / BSD 3-clause	
alabaster (https://github.com/bitprophet/alabaster)	0.7.10	Configurable, Python 2+3 compatible Sphinx theme / BSD	•
alpaca_static (http://www.alpacais.org/)	1.5.17	Easy Forms for jQuery / Apache License 2.0	
anaconda-clean (https://github.com/ContinuumIO/anaconda-clean)	1.1.0	Delete Anaconda configuration files / BSD	
anaconda-client (http://anaconda.org)	1.6.3	anaconda.org command line client library / BSD 3-clause	•
anaconda-navigator (https://github.com/ContinuumIO/navigator)	1.6.2	Anaconda Navigator / proprietary - Continuum Analytics, Inc.	•
anaconda-project (https://qithub.com/Anaconda-Platform/anaconda-project/)	0.6.0	reproducible, executable project directories / BSD 3-clause	•
anaconda-verify (https://qithub.com/ContinuumIO/anaconda-verify)	1.3.7	tool for (passively) verifying conda recipes and conda packages / BSD	
ansi2html (https://pypi.python.org/pypi/ansi2html)	1.1.1	Convert text with ANSI color codes to HTML or to LaTeX. / General Public License v3.0	
anvqt (https://qithub.com/ales-erjavec/anvqt)	0.0.8	PyQt4/PyQt5 compatibility layer. / GPL-3.0	
appdirs (http://qithub.com/ActiveState/appdirs)	1.4.0	Python module for determining appropriate platform-specific dirs / MIT	
appnope (http://qithub.com/minrk/appnope) Mac	0.1.0	Disable App Nap on OS X 10.9 / BSD	•
appscript (http://appscript.sourceforge.net/) Mac	1.0.1	Control AppleScriptable applications from Python / Public-Domain	•
apptools (https://qithub.com/enthought/apptools)	4.4.0	Includes packages useful for creating applications / BSD	
apr (http://apr.apache.org/)	1.5.2	Maintains a consistent API with predictable behaviour / Apache License 2.0	
asn1crypto (https://qithub.com/wbond/asn1crypto)	0.22.0	ASN.1 parser and serializer / MIT	•
astroid (https://www.astroid.org/)	1.4.9	abstract syntax tree for Python with inference support / LGPL	•
astropy (http://www.astropy.org/)	1.3.2	Community-developed Python Library for Astronomy / BSD	•
atom (https://qithub.com/nucleic/atom)	0.3.10	Framework for creating memory efficient Python objects / BSD	
attrs (https://attrs.readthedocs.org/)	15.2.0	Implement attribute-related object protocols without boilerplate / MIT	
autoconf (http://www.qnu.org/software/autoconf/) Linux Mac	2.69	M4 Macros to automatically configure software source code / GPL3	
automake (http://www.gnu.org/software/automake/)	1.15	Tool to automatically generate Makefile.in files / GPL3	
automat (https://qithub.com/qlyph/Automat)	0.5.0	self-service finite-state machines for the programmer on the go / MIT	
azure (https://github.com/Azure/azure-sdk-for-python)	1.0.2	Microsoft Azure SDK for Python / Apache License 2.0	
babel (http://babel.pocoo.org/)	2.4.0	Utilities to internationalize and localize Python applications / BSD	~
backports (https://bitbucket.org/brandon/backports)	1.0	/BSD	•
backports_abc (https://github.com/cython/backports_abc)	0.5	backport of recent additions to the 'collections.abc' module / PSF	•

basemap (http://matplotlib.org/basemap/)	1.0.7	Plot data on map projections with matplotlib / PSF	
bcolz (http://bcolz.blosc.org/)	1.0.0	provides columnar, chunked and compressable data containers. / BSD	
bcrypt (https://qithub.com/pyca/bcrypt/)	3.1.3	modern password hashing for your software and your servers / Apache License, Version 2.0	
beautifulsoup4 (http://www.crummy.com/software/BeautifulSoup/)	4.6.0	Python library designed for screen-scraping / MIT	~
piopython (http://biopython.org/)	1.68	Freely available tools for biological computation / Biopython or BSD 3-Clause	
oitarray (https://qithub.com/ilanschnell/bitarray)	0.8.1	efficient representation of arrays of booleans C extension / PSF	~
okcharts (https://qithub.com/bokeh/bkcharts)	0.1	optional High Level charts API built on top of Bokeh / New BSD	
olaze (http://blaze.pydata.org)	0.10.1	NumPy and Pandas interface to big data / BSD	~
pleach (http://github.com/mozilla/bleach)	1.5.0	easy whitelist-based HTML-sanitizing tool / Apache License Version 2.0	~
olist (http://stutzbachenterprises.com/blist/)	1.3.6	Replacement for Python lists with better performance / BSD 3-clause	
ookeh (http://bokeh.pydata.org/)	0.12.5	Python interactive visualization library for modern web browsers / BSD	~
ooost (http://www.boost.org/)	1.61.0	Boost provides free peer-reviewed portable C++ source libraries. / Boost license	
ooto (https://qithub.com/boto/boto/)	2.46.1	(http://www.boost.org/users/license.html)  Amazon Web Services Library / MIT	•
poto3 (http://aws.amazon.com/sdk-for-python/)	1.4.4	Amazon Web Services SDK for Python / Apache	
octos (http://aws.amazon.com/sux-ror-python/)	1.4.4	, , ,	
ootocore (http://aws.amazon.com/sdk-for-python/)	1.5.47	low-level, core functionality of boto3 / <u>Apache License 2.0</u> (http://aws.amazon.com/apache2.0/)	
pottlechest (https://qithub.com/biolab/bottlechest)	0.7.1	fast NumPy array functions specialized for use in Orange / BSD	
pottleneck (http://berkeleyanalytics.com/bottleneck)	1.2.1	Fast NumPy array functions written in Cython. / Simplified BSD	•
osddb (https://docs.python.org/2/library/bsddb.html); Linux Mac	1.0	The bsddb module provides an interface to the Berkeley DB library / PSF	
osdiff4 (https://github.com/ilanschnell/bsdiff4)	1.1.5	binary diff and patch using the BSDIFF4-format / BSD	
otrees (http://packages.python.org/BTrees)	4.4.1	scalable persistent object containers / ZPL 2.1	
oz2file (https://github.com/nvawda/bz2file)	0.98	library for reading and writing bzip2-compressed files / Apache License, Version 2.0	
ozip2 (http://www.bzip.org/)	1.0.6	high-quality data compressor / BSD	~
cachecontrol (https://github.com/ionrock/cachecontrol)	0.11.7	httplib2 caching algorithms for use with requests / Apache Software License	
cached-property (https://github.com/pydanny/cached-property)	1.3.0	A decorator for caching properties in classes / BSD	
airo (http://cairographics.org/) Linux	1.14.8	A 2D graphics library with support for multiple output devices / LGPL 2.1, MPL 1.1	~
asuarius (https://github.com/enthought/casuarius)	1.1	Cython bindings for the Cassowary Constraint Solving Toolkit / LGPL	1
rdecimal (http://www.bytereef.org/mpdecimal/index.html)	2.3	Fast drop-in replacement for decimal.py / BSD	•
certifi (https://certifi.jo)	2016.2.28	Python package for providing Mozilla's CA Bundle. / ISC	+
effi (http://cffi.readthedocs.org)			
<del></del>	1.10.0	C Foreign Function Interface for Python / MIT	~
chalmers (https://github.com/Anaconda-Server/chalmers)	0.8.0	Monitor and control a number of processes on any operating system / MIT	
chameleon (https://chameleon.readthedocs.org)	2.24	HTML/XML template engine for Python / BSD-like	
:hardet (https://github.com/chardet/chardet)	3.0.3	Universal character encoding detector / GNU Lesser General Public License	~
cheetah (http://www.cheetahtemplate.org/)	2.4.4	Cheetah is a template engine and code generation tool. / MIT	
herrypy (http://www.cherrypy.org)	3.8.0	Pythonic, object-oriented web framework / BSD	
chest (https://qithub.com/ContinuumIO/chest)	0.2.3	A dictionary that writes its contents to disk / BSD	
chrpath (http://packaqes.qa.debian.org/c/chrpath.html) Linux	0.16	Tool to edit the rpath in ELF binaries / GPL2	
click (http://click.pocoo.org/)	6.7	Command line interface creation kit / BSD	~
click-plugins (https://github.com/click-contrib/click-plugins)	1.0.3	extension module for click to enable registering CLI commands / BSD	
cliqi (https://qithub.com/mapbox/cliqi)	0.4.0	Click-based argument and option decorators / BSD	
cloudpickle (https://qithub.com/cloudpipe/cloudpickle)	0.2.2	Extended pickling support for Python objects / <u>BSD</u> (https://qithub.com/cloudpic/cloudpickle/blob/master/LICENSE)	~
elyent (https://qithub.com/Anaconda-Server/clvent)	1.2.2	Command line client library for windows and posix / BSD	~
make (http://www.cmake.org/) Linux Mac	3.6.3	CMake is an extensible, open-source system that manages the build process / BSD 3-clause	
colander (https://qithub.com/Pylons/colander)	1.2	A serialization, deserialization, and validation library / <u>BSD-like</u> ( <a href="http://www.repoze.org/LICENSE.bt">http://www.repoze.org/LICENSE.bt</a> )	
colorama (https://qithub.com/tartley/colorama)	0.3.9	Cross-platform colored terminal text in Python / BSD	•
colorcet (http://github.com/bokeh/colorcet)	0.9.1	collection of perceptually uniform colormaps / Creative Commons Attribution 4.0 International Public License	
comtypes (http://starship.python.net/crew/theller/comtypes/) Windows	112		.,
	1.1.2	pure Python COM package / MIT	<b>*</b>
conda (http://conda.pydata.org/)	4.3.21	OS-agnostic, system-level binary package and environment manager. / BSD	~
conda-build (https://qithub.com/conda/conda-build)	2.1.15	Commands and tools for building conda packages / BSD 3-clause	
conda-build-all (https://qithub.com/scitools/conda-build-all)	1.0.2	conda build-all is a conda subcommand providing matrix building / BSD 3-clause	
conda-env (None)	2.6.0	/ BSD	
conda-verify (https://github.com/conda/conda-verify)	2.0.0	tool for (passively) verifying conda recipes and conda packages / BSD	
configargparse (https://github.com/zorro3/ConfigArgParse)	0.11.0	allowing options to be set via config files and/or env vars / MIT	
configobi (http://www.voidspace.org.uk/python/configobi.html)	5.0.6	Config file reading, writing and validation / BSD	

configparser (http://docs.python.org/3/library/configparser.html)	3.5.0	brings the updated configparser from Python 3.5 to Python 2.6-3.5 / MIT	~
constantly (https://qithub.com/twisted/constantly)	15.1.0	symbolic constants in Python / MIT License	
constructor (https://qithub.com/conda/constructor)	1.5.5	Tool for creating installers for conda packages / BSD	
contextlib2 (http://contextlib2.readthedocs.org/)	0.5.5	backports and enhancements for the contextlib module / PSF	~
cookies (https://qithub.com/sashahart/cookies)	2.2.1	Friendlier RFC 6265-compliant cookie parser/renderer / MIT	
cornice (http://cornice.readthedocs.org/)	1.2.1	build and document Web Services with Pyramid / MPL 2.0	
overage (http://coverage.readthedocs.org)	4.3.4	Code coverage measurement for Python / Apache 2.0	
cryptography (https://cryptography.io)	1.8.1	Provides cryptographic recipes and primitives to Python developers / Apache	~
cssselect (http://packages.python.org/cssselect/)	1.0.1	cssselect parses CSS3 Selectors and translates them to XPath 1.0 / BSD	
csvkit (http://csvkit.rtfd.orq/)	0.9.1	utilities for working with CSV, the king of tabular file formats / MIT	
cubes (http://cubes.databrewery.org/)	1.1	A light-weight Python OLAP framework for data warehouses / MIT	
curl (http://curl.haxx.se/)	7.52.1	Tool and library for transferring data with URL syntax / <u>MIT/X derivate</u> ( <a href="http://curl.haxx.se/docs/copyright.html">http://curl.haxx.se/docs/copyright.html</a> )	•
cvxcanon (https://qithub.com/jacklzhu/CVXcanon)	0.0.23.3	Low-level library to perform the matrix building step in CVXPY / GPL3	
cvxopt (http://cvxopt.org/)	1.1.8	Library for convex optimization / GPL	
cycler (http://matplotlib.org/cycler/)	0.10.0	Composable style cycles / BSD	~
cymem (http://github.com/syllog1sm/cymem) Linux Mac	1.31.2	Manage calls to malloc/free through Cython / MIT	
cython (http://www.cython.org/)	0.25.2	The Cython compiler for writing C extensions for the Python language / Apache version 2.0	~
cytoolz (https://github.com/pytoolz/cytoolz)	0.8.2	Cython implementation of Toolz, high performance functional utilities / BSD	~
dask (http://dask.pydata.org/en/latest/)	0.14.3	Task scheduling and blocked algorithms for parallel processing / BSD	~
datashader (https://github.com/bokeh/datashader)	0.4.0	graphics pipeline system for creating representations of large amounts / New BSD	
datashape (http://datashape.pvdata.org)	0.5.4	Language defining a data description protocol / BSD	•
datrie (https://github.com/kmike/datrie/)	0.7.1	Super-fast, efficiently stored Trie for Python, uses libdatrie / LGPLv2	+
db (http://www.oracle.com/us/products/database/berkeley- db/index.html) Linux Mac	5.3.28	Embeddable Databases / AGPLv3	
dbf (https://pypi.python.org/pypi/dbf)	0.96.003	Reading/writing dBase, FoxPro, and Visual FoxPro .dbf files / BSD	
dbus (http://www.freedesktop.org/wiki/Software/dbus/) <sup>Linux</sup>	1.10.10	message bus system, a simple way for applications to talk to one another / GPL2	•
decorator (http://pvpi.pvthon.org/pvpi/decorator)	4.0.11	Better living through Python with decorators / BSD	•
dill (http://www.cacr.caltech.edu/~mmckerns/dill.htm)	0.2.6	Serialize all of python (almost) / 3-clause BSD	Ť
distributed (http://distributed.readthedocs.org/en/latest/)	1.16.3	Lightweight library for distributed computing in Python / BSD 3-Clause	•
diango (http://www.diangoproject.com/)	1.10.5	Web framework that encourages rapid development / BSD	-
		DNS toolkit for Python / BSD-style (http://www.dnspython.org/LICENSE)	
dnspython (http://www.dnspython.org/)	1.14.0	, , , , , , , , , , , , , , , , , , , ,	
docopt (http://docopt.org/)	0.6.2	Command-line interface description language / MIT  Utilities for general- and special-purpose documentation / Public-Domain, PSF, 2-	
docutils (http://docutils.sourceforge.net)	0.13.1	clause BSD, GPLv3	~
ecdsa (http://github.com/warner/python-ecdsa)	0.13	ECDSA cryptographic signature library (pure Python) / MIT	
ecos (https://www.embotech.com/ECOS)	2.0.4	Embedded Conic Solver (ECOS) / GPL3	
entrypoints (https://qithub.com/takluyver/entrypoints)	0.2.2	/MIT	~
enum34 (https://pvpi.python.org/pvpi/enum34)	1.1.6	Robust enumerated type support in Python / BSD	~
envisage (http://code.enthought.com/projects/envisage/)	4.5.1	Extensible application framework / BSD	
ephem (http://rhodesmill.org/pyephem/) Linux Mac	3.7.6.0	Basic astronomical computations for Python / LGPL	
essbasepv (http://sourceforge.net/projects/essbasepv/)	11.1.2012.0514	access to Oracle Essbase multi-dimensional databases using MaxL / MIT	
et xmlfile (https://bitbucket.org/openpyxl/et xmlfile)	1.0.1	Low memory library for creating large XML files / MIT	~
execnet (http://codespeak.net/execnet)	1.3.0	rapid multi-Python deployment / MIT	
expat (http://expat.sourceforge.net) Linux Mac	2.1.0	XML parser library written in C / MIT	•
expressions (http://databrewery.org)	0.2.3	extensible arithmetic expression parser and compiler / MIT	
fabric (http://fabfile.org)	1.13.1	A simple, Pythonic tool for remote execution and deployment / BSD	
fastcache (https://qithub.com/pbrady/fastcache)	1.0.2	C implementation of Python 3 functools.lru_cache / MIT	~
feedparser (https://github.com/kurtmckee/feedparser)	5.2.1	parse feeds in Python / OSI Approved	
filelock (http://s3fs.readthedocs.org/en/latest/)	2.0.7	/Public Domain	
fiona (http://github.com/Toblerity/Fiona) Linux Mac	1.7.0	OGR's neat, nimble, no-nonsense API for Python programmers / BSD	
Flake8 (http://bitbucket.org/tarek/flake8)	3.3.0	Modular source code checker for pep8, pyflakes and co / MIT	
flask (http://flask.pocoo.org/)	0.12.2	A microframework based on Werkzeug, Jinja2 and good intentions / BSD	•
flask-cors (https://qithub.com/corydolphin/flask-cors)		A microtramework based on werkzeug, Jinjaz and good intentions / BSD  Flask extension adding a decorator for CORS support / MIT	
reas cora (necpa,//grenop.com/corydotphin/reasK-COIS)	3.0.2	r was excension adding a decorator for CORS support / MIT	~
Flack-login /https://github.com/maycoustsumas/flack-login	0.4.0	User session management for Elack / MIT	
flask-login (https://github.com/maxcountryman/flask-login)	0.4.0	User session management for Flask / MIT	
flask-login (https://github.com/maxcountryman/flask-login) flask-wtf (http://github.com/lepture/flask-wtf) fontconfig (http://www.freedesktop.org/wiki/Software/fontconfig/) Linux	0.4.0 0.14.2 2.12.1	User session management for Flask / MIT  Simple integration of Flask and WTForms / BSD  A library for configuring and customizing font access / BSD	•

freeimage (http://freeimage.sourceforge.net/)	3.17.0	Supports popular graphics image formats like PNG, BMP, JPEG, TIFF / GPLv2 and Freelmage Public License	
freetype (http://freetype.sourceforge.net/index2.html)	2.5.5	A Free, High-Quality, and Portable Font Engine / FreeType License	•
fuel (https://qithub.com/mila-udem/fuel.qit)	0.2.0	(http://freetype.sourceforge.net/FTL.TXT)  data pipeline framework for machine learning / MIT License	
			•
funcsigs (http://funcsigs.readthedocs.org/)	1.0.2	Python function signatures from PEP362 for Python 2.6, 2.7 and 3.2+ / Apache	
functools32 (https://qithub.com/MiCHiLU/python-functools32)	3.2.3.2	backport of the functools module from Python 3.2.3 for use on 2.7 / PSF	•
future (http://python-future.org)	0.16.0	Clean single-source support for Python 3 and 2 / MIT	
futures (http://code.google.com/p/pythonfutures)	3.1.1	A Java-style futures package for Python / PSF	~
gdal (http://www.gdal.org/)	2.1.0	Geospatial Data Abstraction Library / MIT	
gdata (https://github.com/google/gdata-python-client)	2.0.18	Python client library for Google data APIs / Apache	
gdbm (http://www.gnu.orq.ua/software/gdbm/) <sup>Linux</sup> Mac	1.12	Library of database functions / GPL3	
gensim (http://radimrehurek.com/gensim)	1.0.1	Topic Modelling in Python / GNU Lesser General Public License v2 or later	
genson (https://github.com/wolverdude/genson/)	0.2.1	powerful, user-friendly JSON Schema generator / MIT	
geos (http://trac.osqeo.org/qeos/)	3.5.0	A C++ port of the Java Topology Suite (JTS) / LGPL	
geotiff (http://trac.osgeo.org/geotiff) Linux Mac	1.4.1	/MIT	
<u>get terminal size</u> (https://qithub.com/chrippa/backports.shutil get terminal size)	1.0.0	backport of the get_terminal_size function from Python 3.3 / MIT	•
gevent (http://www.gevent.org/)	1.2.1	Coroutine-based Python network library / MIT	•
gevent-websocket (https://bitbucket.org/noppo/gevent-websocket)	0.10.1	A WebSocket library for the gevent networking library / Apache	
git (https://git-scm.com/)	2.11.1	Distributed version control system / GPL v2 and LGPL 2.1	
gitdb2 (https://github.com/gitpython-developers/gitdb)	2.0.0	Git Object Database / BSD License	
gitpython (https://github.com/gitpython-developers/GitPython)	2.1.3	Python Git Library / BSD License	
glib (https://developer.gnome.org/glib/)	2.50.2	Core application building blocks for libraries and applications in C / LGPL	~
glueviz (http://glueviz.org/)	0.9.1	Multi-dimensional linked data exploration / 3-clause BSD License	
googlecl (http://code.google.com/p/googlecl/)	0.9.12	Brings Google services to the command line / Apache	
grako (http://bitbucket.org/apalala/grako)	3.10.0	takes variation of EBNF as input, and outputs parser in Python / BSD	
graphite-web (http://graphite.readthedocs.org/) Linux	0.9.13	Enterprise scalable realtime graphing / Apache	
graphviz (http://www.graphviz.org/)	2.38.0	Open Source graph visualization software. / EPL v1.0	
greenlet (https://github.com/python-greenlet/greenlet)	0.4.12	Lightweight in-process concurrent programming / MIT	~
grin (http://pypi.python.org/pypi/grin)	1.2.1	Enhanced grep-like tool / BSD	-
gst-plugins-base (http://gstreamer.freedesktop.org/). Linux	1.8.0	GStreamer Base Plug-ins / GPL2	_
gstreamer (http://gstreamer.freedesktop.org/). Linux	1.8.0	library for constructing graphs of media-handling components / LGPL2	~
gunicorn (http://gunicorn.org/). Linux Mac	19.1.0	Python WSGI HTTP Server for UNIX / MIT	1
h5pv (http://www.h5pv.org/)	2.7.0	Pythonic interface to the HDF5 binary data format / 3-clause BSD	-
harfbuzz (http://www.freedesktop.org/wiki/Software/HarfBuzz/) Linux	0.9.39	An OpenType text shaping engine / MIT	~
hdf4 (https://www.hdfgroup.org/products/hdf4/)			+
niai 4 (III.CDS://www.nai.gi oup.oi.g/pi oduct.S/nai.4/)	4.2.12	Manipulate, view, and analyze data in HDF files / BSD-style	
hdf5 (http://www.hdfqroup.org/HDF5/)	1.8.17	A data model, library, and file format for storing and managing data / <u>BSD-like</u> ( <a href="http://www.hdfqroup.org/ftp/HDF5/current/src/unpacked/COPYING">http://www.hdfqroup.org/ftp/HDF5/current/src/unpacked/COPYING</a>	~
heapdict (http://stutzbachenterprises.com/)	1.0.0	A heap with decrease-key and increase-key operations / BSD	~
holoviews (http://holoviews.org/)	1.7.0	Analyze and visualize scientific or engineering data / BSD	
hs2client (http://qithub.com/cloudera/hs2client)	0.1	Python bindings for the libhs2client C++ library / Apache 2.0	
html5lib (https://github.com/html5lib/html5lib-python)	0.999	HTML parser based on the WHATWG HTML specification / MIT	~
numanize (http://qithub.com/jmoiron/humanize)	0.5.1	python humanize utilities / MIT	
idna (https://qithub.com/kjd/idna)	2.5	Internationalized Domain Names in Applications / BSD	~
imagesize (https://qithub.com/shibukawa/imagesize_py)	0.7.1	getting image size from png/jpeg/jpeg2000/gif file / MIT	~
minuit (https://qithub.com/iminuit/iminuit) Linux Mac	1.1.1	Interactive Minimization Tools based on MINUIT / MIT	
mpyla (https://qithub.com/cloudera/impyla)	0.13.8	Python client for the Impala distributed query engine / Apache License, Version 2.0	
incremental (https://qithub.com/hawkowl/incremental)	16.10.1	library that versions your Python projects / MIT License	
nflection (http://qithub.com/jpvanhal/inflection)	0.3.1	port of Ruby on Rails inflector to Python / MIT	
paddress (https://github.com/phihag/ipaddress)	1.0.18	IPv4/IPv6 manipulation library / Python Software Foundation License	~
pykernel (http://ipython.org)	4.6.1	IPython Kernel for Jupyter / BSD	~
pyparallel (http://jupyter.org)	6.0.2	Interactive Parallel Computing in Python / BSD	
python (http://ipython.org/)	5.3.0	Productive Interactive Computing / BSD	~
python genutils (http://jupyter.org)	0.2.0	vestigial utilities from IPython / BSD	~
ipywidgets (https://github.com/ipython/ipywidgets)	6.0.0	Widgets for the Jupyter Notebook / BSD 3-clause	-
		.5	+
	0 1 11	Simple module to parse ISO 8601 dates / MIT	
iso8601 (https://bitbucket.org/micktwomev/pviso8601/) isort (https://dithub.com/timothvcroslev/isort)	0.1.11 4.2.5	Simple module to parse ISO 8601 dates / MIT  Python utility / library to sort Python imports / MIT	•

javabridge (https://qithub.com/LeeKamentsky/python-javabridge)	1.0.14	Python wrapper for the Java Native Interface / BSD License	
jbiq (https://www.cl.cam.ac.uk/~mqk25/jbiqkit) Linux Mac	2.1	Implementation of the JBIG1 data compression standard / GPL2	~
idcal (http://qithub.com/phn/idcal)	1.3	Julian dates from proleptic Gregorian and Julian calendars. / BSD	~
jedi (http://jedi.jedidjah.ch/)	0.10.2	Autocompletion and static analysis library for Python / MIT	•
jinja2 (http://jinja.pocoo.org)	2.9.6	An easy to use stand-alone template engine written in pure python. / BSD	~
imespath (http://imespath.org/)	0.9.0	Query language for JSON / MIT	
ioblib (http://packages.python.org/joblib/)	0.11	Lightweight pipelining in Python / BSD	
ipeq (http://www.ijq.org/)	9b	Read and write jpeg COM, EXIF, IPTC medata / Custom free software license	~
isonschema (https://python-isonschema.readthedocs.org)	2.6.0	An implementation of JSON Schema validation for Python / MIT	•
jupyter (http://jupyter.org)	1.0.0	Open source, interactive data science and scientific computing / BSD	
iupyter client (http://jupyter.org)	5.0.1	Jupyter protocol implementation and client libraries / BSD	~
jupyter_console (http://jupyter.org)	5.1.0	Jupyter terminal console / BSD	~
jupyter_core (http://jupyter.org)	4.3.0	core Jupyter functionality / BSD	~
kealib (http://kealib.org)	1.4.6	An implementation of the GDAL data model / MIT	
kerberos-sspi (https://qithub.com/may-day/kerberos-sspi) Windows	0.2	Kerberos high-level windows interface / Apache	
keyring (https://github.com/jaraco/keyring)	9.3.1	store and access your passwords safely / MIT	
kiwisolver (https://github.com/nucleic/kiwi)	0.1.3	An efficient C++ implementation of the Cassowary constraint solver / BSD	
<u>krb5 (http://web.mit.edu/kerberos/)</u>	1.13.2	A network authentication protocol / MIT	
lancet (http://ioam.github.com/lancet/)	0.9.0	Launch jobs, organize the output, and dissect the results / BSD	
lazy-object-proxy (https://github.com/ionelmc/python-lazy-object-proxy)	1.2.2	Fast and thorough lazy object proxy / BSD	•
ldap3 (https://github.com/cannatag/ldap3)	1.0.4	strictly RFC 4511 conforming LDAP V3 pure Python client / LGPLv3	
libconda (https://github.com/conda/libconda)	4.0.0	conda 4.0 based library / BSD	
libevent (http://libevent.org/) Linux Mac	2.0.22	Library for asynchronous event notification / 3-clause BSD	
<u>libffi (https://sourceware.org/libffi/)</u>	3.2.1	portable foreign-function interface library / MIT	~
libgcc (http://gcc.gnu.org/)	4.8.5	Shared libraries for the GNU Compiler Collection / GPL3	~
libgdal (http://www.gdal.org/)	2.1.0	Geospatial Data Abstraction Library / MIT	
libgfortran (https://gcc.gnu.org/fortran/) Linux	3.0.0	GNU Fortran runtime library / GPL3	~
libapuarray (None)	0.6.4	/ BSD	
libhs2client (http://github.com/cloudera/hs2client) Linux	0.1	libraries for the hs2client, C++ HiveServer2 Thrift client / Apache 2.0	
libiconv (https://www.gnu.org/software/libiconv/)	1.14	Provides iconv for systems which don't have one / GPL and LGPL	•
libnetcdf (http://www.unidata.ucar.edu/software/netcdf/)	4.4.1	Support for array-oriented scientific data / MIT	
		official PNG reference library / libpng license	
libpng (http://www.libpng.org/pub/png/libpng.html)	1.6.27	(http://www.libpng.org/pub/png/src/libpng-LICENSE.txt)	~
libpq (http://www.postgresql.org/)	9.5.4	The postgres runtime libraries and utilities (not the server itself) / PostgreSQL license (http://www.postgresql.org/about/licence/)	
libprotobuf (https://developers.google.com/protocol-buffers/) Linux	3.2.0	Protocol Buffers - Google's data interchange format / New BSD License	
libsodium (http://libsodium.org) Linux	1.0.10	A library for encryption, signatures, password hashing, etc. / ISC	~
libtiff (http://www.libtiff.org/)	4.0.6	Support for Tag Image File Format (TIFF) / BSD-like (http://www.libtiff.org/misc.html)	•
libtool (http://www.gnu.org/software/libtool/) Linux	2.4.2	The GNU Portable Library Tool / GPL3	•
libxcb (http://xcb.freedesktop.org/) Linux			
libxcb (http://xcb.freedesktop.org/) libxml2 (http://xmlsoft.org/) Linux Mac	1.12	This is the C-language Bindings package to the X Window System protocol / MIT	<b>v</b>
	2.9.4	The XML C parser and toolkit of Gnome / MIT	
libxslt (http://xmlsoft.org/XSLT/) Linux Mac	1.1.29	The XSLT C library developed for the GNOME project / MIT	~
lighttpd (http://www.lighttpd.net/)	1.4.39	Light, fast web server / BSD	
line profiler (https://github.com/rkern/line profiler)	2.0	Line-by-line profiling for Python / BSD	
llvmlite (http://llvmlite.pvdata.orq/)	0.18.0	Lightweight wrapper around basic LLVM functionality / BSD	~
locket (http://qithub.com/mwilliamson/locket.py)	0.2.0	File based locks for Python for Linux and Windows / BSD	~
lockfile (http://launchpad.net/pylockfile)	0.12.2	Platform-independent file locking module / MIT	
luiqi (https://qithub.com/spotify/luiqi)	2.3.0	Build complex pipelines of batch jobs / Apache Software License	
lxml (http://lxml.de/)	3.7.3	Pythonic binding for the C libraries libxml2 and libxslt / BSD	•
lz4 (https://qithub.com/steeve/python-lz4)	0.9.1	Bindings for the lz4 compression library / BSD	
m4 (http://www.qnu.org/software/m4/) Linux Mac	1.4.17	Implementation of the traditional Unix macro processo / GPL3	
mako (http://www.makotemplates.org)	1.0.6	Template library written in Python / MIT	
markdown (http://packages.python.org/Markdown/)	2.6.8	Python implementation of Markdown / BSD	
markdown2 (http://packages.python.org/Markdown/)	2.3.4	Python implementation of Markdown / MIT	
markupsafe (http://www.pocoo.org/projects/markupsafe/#markupsafe)	0.23	Implements a XML/HTML/XHTML Markup safe string for Python / BSD	~
matplotlib (http://matplotlib.org/)	2.0.2	Python 2D plotting library / <u>PSF-based</u>	,
	4.0.4	(http://matplotlib.sourceforge.net/users/license.html)	

mccabe (https://qithub.com/PyCOA/mccabe)	0.6.1	McCabe complexity checker for Python / MIT	
mdp (http://mdp-toolkit.sourceforge.net/)	3.5	A Python data processing framework. / BSD	
meld3 (https://qithub.com/supervisor/meld3)	1.0.2	An HTML/XML templating engine / BSD-derived (http://www.repoze.org/LICENSE.txt)	
memory profiler (http://pypi.python.org/pypi/memory profiler)	0.43		
menuinst (https://github.com/ContinuumIO/menuinst) Windows		Module for monitoring memory usage of a Python program / BSD	•
	1.4.7	cross platform menu item installation / BSD	•
mercurial (http://mercurial.selenic.com/)	4.1.1	Source control management tool / GPL2	
mingw (http://www.mingw.org/) Windows	4.7	Minimalist development environment for native Windows / Public-Domain	
mistune (https://qithub.com/lepture/mistune)	0.7.4	The fastest markdown parser in pure Python with renderer feature / BSD	~
mkl (http://software.intel.com/en-us/articles/intel-mkl/)	2017.0.1	Math library for Intel and compatible processors / proprietary - Intel	~
mkl-service (https://qithub.com/ContinuumIO/mkl-service)	1.1.2	Python bindings to MKL service functions / 3-clause BSD	~
mock (http://www.voidspace.org.uk/python/mock/)	2.0.0	A Python mocking and patching library for testing / BSD	
more-itertools (https://qithub.com/erikrose/more-itertools)	3.0.0	more routines for operating on iterables, beyond itertools / MIT	
mpi4py (http://mpi4py.scipy.org/)	2.0.0	Provides bindings of the MPI standard for Python / BSD	
mpich2 (http://www.mpich.orq/) Linux	1.4.1p1	A high performance widely portable implementation of the MPI standard / BSD	
mpmath (http://mpmath.org)	0.19	Python library for arbitrary-precision floating-point arithmetic / BSD	~
msqpack-python (http://msqpack.orq/)	0.4.8	An efficient binary serialization format / Apache	~
mtq (https://qithub.com/Anaconda-Server/mtq)	0.7.0	Library for queuing jobs and processing them in background / BSD	
multipledispatch (http://github.com/mrocklin/multipledispatch/)	0.4.9	Multiple dispatch in Python / BSD	•
munch (http://github.com/infinidat/munch)	2.1.1	dot-accessible dictionary (a la JavaScript objects). / MIT	
murmurhash (https://github.com/aappleby/smhasher) Linux Mac	0.26.4	A non-cryptographic hash function / MIT	
mysal-connector-python (http://dev.mysal.com/doc/connector- python/en/index.html)	2.0.4	Python driver for communicating with MySQL servers / GPL2	
mysql-python (https://github.com/farcepest/MySQLdb1). Linux Windows	1.2.5	MySQL database connector for Python (legacy version) / GPL	
natsort (https://github.com/SethMMorton/natsort)	5.0.3	Sort lists naturally / MIT	
navigator-updater (https://github.com/ContinuumIO/navigator-updater)	0.1.0	Anaconda Navigator Updater / proprietary - Continuum Analytics, Inc.	~
nbconvert (http://jupyter.org)	5.1.1	converts notebooks to various other formats via Jinja templates / BSD	~
nbformat (http://jupyter.org)	4.3.0	The reference implementation of the Jupyter Notebook format / BSD	~
ncurses (http://www.gnu.org/software/ncurses/). Linux Mac	5.9	Free software emulation of curses / Free software - X11 License	
ndg-httpsclient (https://github.com/cedadev/ndg_httpsclient/)	0.3.3	Enhanced HTTPS support for httplib and urllib2 using PyOpenSSL / BSD	
neon (https://github.com/NervanaSystems/neon) Linux Mac	1.5.4	Nervana's Python-based Deep Learning framework / Apache 2.0	
netcdf4 (http://unidata.github.io/netcdf4-python/)	1.2.4	Python/numpy interface to netCDF library / MIT	
networkx (http://networkx.lanl.gov/)	1.11	Python package for creating and manipulating complex networks / BSD	~
nltk (http://nltk.org/)	3.2.3	Build Python programs to work with human language data / Apache Software License	•
nose (http://readthedocs.org/docs/nose/)	1.3.7	Nose extends unittest to make testing easier / LGPL	~
notebook (http://iupyter.org)	5.0.0	web-based notebook environment for interactive computing / BSD	·
nsis (http://nsis.sourceforge.net/Main_Page) Windows	3.01	A professional open source system to create Windows installers / Common public License Version 1.0, zlib	
numba (http://numba.pydata.org/)	0.33.0	NumPy aware dynamic Python compiler using LLVM / BSD	•
numexpr (https://github.com/pydata/numexpr)	2.6.2	Fast numerical expression evaluator for NumPy / MIT	~
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numpy (http://numpy.scipy.org/)	1.11.3	array processing for numbers, strings, records, and objects / BSD	
numpydoc (https://github.com/numpy/numpydoc)	0.6.0	Sphinx extension to support docstrings in Numpy format / BSD	
odo (http://odo.pvdata.orq/en/latest/)	0.5.0	Shapeshifting for your data / BSD	~
olefile (https://www.decalage.info/python/olefileio)	0.44	parse, read and write Microsoft OLE2 files / BSD License	~
openblas (http://www.openblas.net/) Linux	0.2.19	Optimized BLAS library based on GotoBLAS2 / BSD  An open source Message Passing Interface implementation / <u>3-clause BSD</u>	
openmpi (http://www.open-mpi.orq/). <sup>Mac</sup>	1.6.3	(http://www.open-mpi.org/community/license.php)	
openpyxl (http://openpyxl.readthedocs.org)	2.4.7	A Python library to read/write Excel 2010 xlsx/xlsm files / MIT	~
openssl (http://www.openssl.org/)	1.0.2l	OpenSSL is an open-source implementation of the SSL and TLS protocols / <u>Apachestyle (http://www.openssl.org/source/license.html)</u>	•
packaging (https://github.com/pypa/packaging)	16.8	core utilities for Python packages / BSD or Apache 2.0	~
pandas (http://pandas.pydata.org/)	0.20.1	Powerful data structures and data analysis tools / BSD	•
pandas-datareader (https://qithub.com/pydata/pandas-datareader)	0.2.1	data readers extracted from the pandas codebase / BSD	
pandasql (https://qithub.com/yhat/pandasql)	0.7.3	Sqldf for pandas / BSD	
pandocfilters (http://github.com/jgm/pandocfilters)	1.4.1	utilities for writing pandoc filters in python / BSD License	~
pango (http://www.pango.org/)	1.40.3	Text layout and rendering engine / LGPL	•
param (http://ioam.github.com/param/)	1.5.0	Declarative Python programming using Parameters / BSD	
paramiko (http://www.paramiko.org/)	2.1.2	Native Python SSH2 protocol library / LGPL	
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parsel (https://github.com/scrapy/parsel)	1.1.0	library to extract data from HTML and XML using XPath and CSS selectors / BSD	

pacelib (https://bithucket.org/ecolling/pacelib/wiki/Home)	171	Descripted hashing library for Dython / PSD	
passlib (https://bitbucket.org/ecollins/passlib/wiki/Home)	1.7.1	Password hashing library for Python / BSD	
paste (http://pythonpaste.org/)	1.7.5.1	Tools for using a Web Server Gateway Interface stack. / MIT	
pastedeploy (http://pythonpaste.org/deploy/) patchelf (http://nixos.org/patchelf.html) Linux	1.5.2	Load, configure, and compose WSGI applications and servers / MIT	
	0.9	Modify the dynamic linker and RPATH of ELF executables / GPL3	
path.py (http://github.com/jaraco/path.py)	10.3.1	module wrapper for os.path / MIT	~
pathlib2 (https://pvpi.pvthon.org/pvpi/pathlib2/)	2.2.1	object-oriented filesystem paths / MIT	~
patsy (https://github.com/pydata/patsy)	0.4.1	Describing statistical models in Python using symbolic formulas / BSD	~
pbr (https://launchpad.net/pbr)	1.10.0	Python Build Reasonableness / Apache	
pcre (http://www.pcre.org/) Linux Mac	8.39	A set of functions that implement regular expression pattern matching / 3-clause BSD License	•
pep381client (http://bitbucket.org/loewis/pep381client/)	1.5	Mirroring tool that implements the client (mirror) side of PEP 381 / Academic Free License	
pep8 (http://pep8.readthedocs.org/)	1.7.0	Python style guide checker / MIT	~
persistent (https://pypi.python.org/pypi/persistent)	4.2.4	translucent persistent objects / ZPL 2.1	
petl (https://qithub.com/alimanfoo/petl) Linux Mac	1.1.0	/MIT	
pexpect (http://pexpect.readthedocs.org/) Linux Mac	4.2.1	Pexpect allows easy control of interactive console applications / ISC	~
phantomis (http://phantomis.org/) Mac Windows	2.1.1	A headless WebKit scriptable with a JavaScript API / BSD	
picklable-itertools (https://qithub.com/mila-udem/picklable-itertools)	0.1.1	itertools, but picklable / MIT License	
pickleshare (https://github.com/vivainio/pickleshare)	0.7.4	file system based database that uses Python pickles / MIT	~
pillow (http://python-pillow.github.io/)	4.1.1	The friendly Python Imaging Library(PIL) fork / PIL license	•
pip (https://pip.pypa.io/en/stable/)	9.0.1	PyPA recommended tool for installing Python packages / MIT	~
pivottablejs (https://github.com/ContinuumIO/pivottablejs)	2.7.0	PivotTable.js integration for Jupyter/IPython Notebook / MIT	
pixman (http://www.pixman.org/) Linux	0.34.0	A low-level software library for pixel manipulation / MIT	~
pkginfo (https://pypi.python.org/pypi/pkginfo/)	1.4.1	query metadatdata from sdists or bdists installed packages / PSF	
plac (http://code.google.com/p/plac/)	0.9.6	smart command line arguments parser / BSD	
plotly (https://plot.ly/python/)	1.12.9	plotting library for collaborative, interactive, publication-quality graphs / MIT	
ply (http://www.dabeaz.com/ply/)	3.10	implementation of Lex and Yacc / BSD	•
pomegranate (https://qithub.com/imschrei/pomegranate)	0.4.0	probabilistic and graphical models for Python / MIT	Ť
posix_ipc (http://semanchuk.com/philip/posix_ipc/) Linux Mac		POSIX IPC for Python / BSD	
	1.0.0		
postgresql (http://www.postgresql.org/) <sup>Linux</sup>	9.5.4	A powerful, open source object-relational database system / PostgreSQL license (http://www.postgresql.org/about/licence/)	
preshed (https://github.com/syllog1sm/preshed) Linux Mac	0.46.4	Cython hash table that trusts the keys are pre-hashed / MIT	
progressbar2 (https://github.com/WoLpH/python-progressbar)	3.18.1	progressbar library to provide visual progress to\nlong running operations / BSD License	
proj4 (http://trac.osgeo.org/proj/)	4.9.2	PROJ.4 Cartographic Projections library / MIT	
prompt_toolkit (https://github.com/jonathanslenders/python-prompt- toolkit)	1.0.14	library for building powerful interactive command lines in Python / BSD	•
protobuf (https://developers.google.com/protocol-buffers/) Linux	3.2.0	Protocol Buffers - Google's data interchange format / New BSD License	
psutil (https://qithub.com/qiampaolo/psutil)	5.2.2	cross-platform process and system utilities module for Python / BSD	•
psycopg2 (http://initd.org/psycopg/)	2.7.1	Python-PostgreSQL Database Adapter / LGPL, BSD-like, ZPL	
ptyprocess (https://qithub.com/pexpect/ptyprocess) Linux Mac	0.5.1	Run a subprocess in a pseudo terminal / ISC	•
py (http://pylib.readthedocs.org/)	1.4.33	Library with cross-python path, ini-parsing, io, code, log facilities / MIT	~
pyamq (http://pyamq.orq/)	2.2.1	Algebraic Multigrid Solvers in Python / BSD	
pyasn1 (http://pyasn1.sourceforge.net/)	0.2.3	Offline IP address to Autonomous System Number lookup module / BSD	
pyasn1-modules (http://sourceforge.net/projects/pyasn1/)	0.0.8	collection of ASN.1-based protocols modules / BSD	
oyaudio (http://people.csail.mit.edu/hubert/pyaudio/). Mac	0.2.7	Bindings for PortAudio v19, the cross-platform audio stream library / MIT	~
<u>pycairo (http://cairographics.org/pycairo/)</u> Linux	1.10.0	A set of Python bindings for the cairo graphics library / LGPL 2.1, MPL 1.1	~
pvcodestyle (https://pycodestyle.readthedocs.io/)	2.3.1	Python style guide checker / MIT License	
pycosat (https://github.com/ContinuumIO/pycosat)	0.6.2	Python bindings to the picosat SAT solver / MIT	~
pycparser (https://qithub.com/eliben/pycparser)	2.17	complete C99 parser in pure Python / BSD	
pycrypto (http://www.pycrypto.org/)	2.6.1	Cryptographic modules for Python / Public-Domain	•
pycurl (http://pycurl.sourceforge.net/)	7.43.0	Python interface to libcurl / LGPL, MIT	~
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pydispatcher (http://pydispatcher.sourceforge.net)	2.0.5	multi-producer-multi-consumer signal dispatching mechanism / BSD	
pyface (https://qithub.com/enthought/pyface)	5.1.0	Traits-capable windowing framework / BSD	
pyflakes (https://launchpad.net/pyflakes)	1.5.0	Checks Python source files for errors / MIT	~
pygments (http://pygments.org/)	2.2.0	Generic syntax highlighting package / BSD	~
pygpu (None)	0.6.4	/BSD	
pykerberos (https://github.com/02strich/pykerberos). Linux Mac	1.1.10	high-level interface to Kerberos / Apache	
pylint (http://www.pylint.org/)	1.6.4	Python code static checker / GPL	~

pymc (https://qithub.com/pymc-devs/pymc)	2.3.6	Bayesian Stochastic Modelling in Python / Academic Free License	
pymongo (http://qithub.com/mongodb/mongo-python-driver)	3.3.0	Python driver for MongoDB / Apache	
pymysql (https://qithub.com/PyMySQL/PyMySQL/)	0.7.9	Pure-Python MySQL Driver / MIT	
pyoloc (http://mkleehammer.github.io/pyodbc/)			~
	4.0.16	DB API Module for ODBC / MIT	•
pvopengl (http://pyopengl.sourceforge.net)	3.1.1a1	Standard OpenGL bindings for Python / BSD	
pyopengl-accelerate (http://pyopengl.sourceforge.net)	3.1.1a1	Standard OpenGL bindings for Python / BSD	
pvopenssl (https://qithub.com/pvca/pvopenssl)	17.0.0	Python wrapper module around the OpenSSL library / Apache Software License	~
pyparsing (http://pyparsing.wikispaces.com/)	2.1.4	Create and execute simple grammars / MIT	~
pyproj (http://jswhit.qithub.io/pyproj/)	1.9.5.1	Python interface to PROJ4 library for cartographic transformations / MIT	
pvqt (http://www.riverbankcomputinq.co.uk/software/pvqt)	5.6.0	Python binding of the cross-platform GUI toolkit Qt / Commercial, GPLv2, GPLv3	~
pyqtgraph (http://www.pyqtgraph.org)	0.10.0	Scientific Graphics and GUI Library for Python / MIT	
pyramid (https://trypyramid.com//)	1.5.7	The Pyramid Web Framework, a Pylons project / BSD	
pyreadline (http://ipython.org/pyreadline.html) Windows	2.1	A ctypes-based readline for Windows / BSD	
pysal (http://pysal.org)	1.13.0	library of spatial analysis functions / 3-clause BSD	
pysam (https://qithub.com/pysam-developers/pysam) Linux Mac	0.6	Python module for reading and manipulating Samfiles / MIT	
pyserial (https://qithub.com/pyserial/pyserial)	2.7	Python serial port access library / PSF	
pysnmp (http://pysnmp.sourceforge.net/)	4.3.2	A pure-Python SNMPv1/v2c/v3 library / <u>BSD</u> (http://pysnmp.sourceforge.net/license.html)	
pysocks (https://github.com/Anorov/PySocks)	1.6.6	Python SOCKS client module / BSD	
<u>pystan (https://github.com/stan-dev/pystan)</u>	2.14.0.0	Python interface to Stan / GPL3	
pytables (http://www.pytables.org)	3.3.0	Manage hierarchical datasets to cope with large amounts of data / BSD	~
pytest (http://pytest.org/)	3.0.7	Simple and powerful testing with Python / MIT	~
pytest-cache (http://bitbucket.org/hpk42/pytest-cache/)	1.0	pytest plugin with mechanisms for caching across test runs / MIT	
pytest-cov (https://github.com/pytest-dev/pytest-cov)	2.3.1	Pytest plugin for measuring coverage. / BSD	
pytest-pep8 (http://bitbucket.org/hpk42/pytest-pep8/)	1.0.6	pytest plugin to check PEP8 requirements / MIT	
pytest-runner (https://github.com/pytest-dev/pytest-runner)	2.11.1	invoke py.test as distutils command with dependency resolution / MIT License	
pytest-timeout (http://bitbucket.org/pytest-dev/pytest-timeout/)	1.0.0	py.test plugin to abort hanging tests / MIT	
oython (http://www.python.org/)	2.7.13	general purpose programming language / PSF	~
python-daemon (https://alioth.debian.org/projects/python-daemon/) Linux Mac	2.1.2	Library to implement a well-behaved Unix daemon process / Apache Software License	
python-dateutil (https://dateutil.readthedocs.org/)	2.6.0	extensions to the standard Python datetime module / BSD	~
python-gdbm (https://docs.python.org/2/library/gdbm.html) Linux Mac	1.1	GNU's reinterpretation of dbm / PSF	
python-graphviz (http://github.com/xflr6/graphviz) Linux Mac	0.5.2	Simple Python interface for Graphviz / MIT	
python-ntlm (https://github.com/mullender/python-ntlm)	1.1.0	Provides NTLM support / LGPL	
python-utils (https://github.com/WoLpH/python-utils)	2.1.0	module with some convenient utilities / BSD	
pytz (http://pytz.sourceforge.net/)	2017.2	World timezone definitions, modern and historical / MIT	•
pywavelets (https://github.com/PyWavelets/pywt)	0.5.2	wavelet transform module / MIT	~
pywget (http://bitbucket.org/techtonik/python-wget/)	2.2	Pure Python download utility / Public-Domain	
pywin32 (http://sourceforge.net/projects/pywin32/) Windows	220	Python extensions for Windows / PSF	•
pyyaml (http://pyyaml.org/wiki/PyYAML)	3.12	YAML parser and emitter for Python / MIT	•
pyzmą (https://qithub.com/zeromą/pyzmą)	16.0.2	zeromq bindings for Python / LGPL and BSD	~
gqrid (https://qithub.com/quantopian/qqrid)	0.3.2	Pandas DataFrame viewer for IPython Notebook / Apache	
qt (http://www.qt.io)	5.6.2	Qt is a cross-platform application and UI framework / LGPLv3	~
gtawesome (https://github.com/spyder-ide/qtawesome)	0.4.4	FontAwesome icons in PyQt and PySide applications / MIT	~
gtconsole (http://jupyter.org)	4.3.0	Jupyter Qt Console / Modified BSD License	~
gtpv (https://qithub.com/spvder-ide/qtpv)	1.2.1	uniform layer to support PyQt4, PyQt5 and PySide with a single codebase / MIT	~
guandl (http://www.quandl.com/)	3.1.0	High quality financial and economic data / MIT	
queuelib (https://github.com/scrapy/queuelib)	1.4.2	Collection of persistent (disk-based) queues / BSD	
rasterio (https://github.com/mapbox/rasterio) Linux Mac	0.36.0	Read and write geospatial raster datasets / BSD	
r <u>eadline</u> ( <u>http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html)</u>	6.2	Line-editing for programs with a command-line interface / GPL3	•
redis (http://redis.io/download/)	3.2.0	Advanced key-value cache and store / 3-clause BSD	
redis-py (https://qithub.com/andvmccurdy/redis-py/) Linux Mac	2.10.5	Redis Python Client / MIT (https://github.com/andymccurdy/redis-py/blob/master/LICENSE)	
reportlab (http://www.reportlab.com/)	3.4.0	The ReportLab Toolkit / BSD	
repoze.lru (http://www.repoze.org/)	0.6	A tiny LRU cache implementation and decorator / BSD	
requests (http://docs.python-requests.org/en/latest/index.html)	2.14.2	Python HTTP for Humans / Apache Software License	~
requests-file (http://github.com/dashea/requests-file)	1.4.1	file transport adapter for Requests / Apache	

responses (https://github.com/getsentry/responses)	0.5.1	utility library for mocking out the 'requests' Python library / Apache 2.0	
rope (https://github.com/python-rope/rope)	0.9.4	A Python refactoring library / GPL	~
routes (https://pypi.python.org/pypi/Routes)	2.2	Routing Recognition and Generation Tools / MIT	
ruamel_yaml (https://bitbucket.org/ruamel/yaml)	0.11.14	patched copy of ruamel.yaml (a yaml parser) / MIT	~
runipy (https://github.com/paulgb/runipy)	0.1.5	Run IPython notebooks from the command line / BSD 2-Clause	
s3fs (http://s3fs.readthedocs.org/en/latest/)	0.0.9	convenient Filesystem interface over S3 / BSD	
s3transfer (https://qithub.com/boto/s3transfer)	0.1.10	Amazon S3 Transfer Manager / Apache Software License	
sas7bdat (http://pyhacker.com/pages/sas7bdat.html)	2.0.7	sas7bdat file reader for Python / MIT	
scandir (https://github.com/benhoyt/scandir)	1.5	scandir, a better directory iterator and faster os.walk() / BSD License	~
scikit-image (http://scikit-image.org/)	0.13.0	Image processing routines for SciPy / 3-clause BSD	~
scikit-learn (http://scikit-learn.org/stable/)	0.18.1	set of python modules for machine learning and data mining / 3-clause BSD	~
scikit-rf (http://scikit-rf.org)	0.14.3	Object Oriented RF/Microwave Engineering / new BSD	
scipy (http://www.scipy.org/)	0.19.0	Scientific Library for Python / BSD	~
scrapy (http://scrapy.org/)	1.3.3	A high-level Python Screen Scraping framework / BSD	
seaborn (http://stanford.edu/~mwaskom/software/seaborn/)	0.7.1	Statistical data visualization / BSD	~
semantic version (https://github.com/rbarrois/python-semanticversion)	2.6.0	A library implementing the 'SemVer' scheme. / BSD	
semver (https://github.com/k-bx/python-semver) Linux Mac	2.7.6	Python package to work with Semantic Versioning / BSD	
serf (http://serf.apache.org/)	1.3.8	High performance C-based HTTP client library / Apache License 2.0	
service identity (https://qithub.com/pyca/service identity)	16.0.0	Service identity verification for pyOpenSSL/MIT	
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setuptools (https://pypi.python.org/pypi/setuptools)	27.2.0	Download, build, install, upgrade, and uninstall Python packages / MIT	~
setuptools_scm (https://github.com/pvpa/setuptools_scm)	1.15.0	Manage your versions by scm tags / MIT	
sh (http://amoffat.github.io/sh/) Linux Mac	1.11	full-fledged subprocess replacement for Python / MIT	
shapely (https://github.com/Toblerity/Shapely) Linux Mac	1.5.16	Geometric objects, predicates, and operations / BSD	
simplegeneric (https://pypi.python.org/pypi/simplegeneric)	0.8.1	Define simple single-dispatch generic functions / ZPL 2.1	~
simplejson (https://github.com/simplejson/simplejson)	3.10.0	Simple, fast, extensible JSON encoder/decoder for Python / MIT	
singledispatch (http://docs.python.org/3/library/functools.html#functools.singledispatch)	3.4.0.3	Transforms a function into a single-dispatch generic function / MIT	•
sip (http://www.riverbankcomputing.com/software/sip/intro)	4.18	Create Python bindings for C and C++ libraries / GPL3	~
six (http://pypi.python.org/pypi/six/)	1.10.0	Python 2 and 3 compatibility utilities / MIT	~
smart_open (https://github.com/piskvorky/smart_open)	1.5.2	library for streaming large files / MIT	
smmap2 (https://github.com/Byron/smmap)	2.0.1	pure python implementation of a sliding window memory map manager / BSD License	
snakeviz (https://jiffyclub.github.io/snakeviz/)	0.4.1	Web-based viewer for Python profiler output / BSD	
snappy (https://github.com/google/snappy) Linux Mac	1.1.4	/ Other	
snowballstemmer (https://github.com/shibukawa/snowball_py)	1.2.1	Snowball stemming library collection for Python / BSD	~
snuggs (https://github.com/mapbox/snuggs)	1.4.0	S-expressions for NumPy / MIT	
sockis-tornado (http://github.com/mrioes/sockis-tornado/)	1.0.3	SockJS python server implementation on top of Tornado framework / MIT	
sortedcollections (http://www.grantjenks.com/docs/sortedcollections/)	0.5.3	Python Sorted Collections / Apache Software License	
sortedcontainers (http://www.grantjenks.com/docs/sortedcontainers/)	1.5.7	sorted Container Types: SortedList, SortedDict, and SortedSet / Apache 2.0	•
spacy (https://spacv.io/) Linux Mac	0.101.0	Industrial-strength Natural Language Processing / MIT	1
sphinx (http://sphinx-doc.org)		Documentation generator / BSD	
	1.5.6	,	~
sphinx_rtd_theme (https://github.com/snide/sphinx_rtd_theme/) sputnik (https://github.com/spacv-io/sputnik) Linux Mac	0.2.4	ReadTheDocs.org theme for Sphinx / BSD	
	0.9.3	data package manager library / MIT	<u> </u>
spyder (https://qithub.com/spyder-ide/spyder)	3.1.4	Scientific PYthon Development EnviRonment / MIT	~
sqlalchemy (http://www.sqlalchemy.org/)	1.1.9	Database Abstraction Library / MIT  Self-contained, zero-configuration, SQL database engine / Public-Domain	•
salite (http://www.salite.org/)	3.13.0	(http://www.sqlite.org/copyright.html)	•
sqlparse (https://qithub.com/andialbrecht/sqlparse)	0.1.19	A non-validating SQL parser module for Python / BSD	
ssh (http://www.paramiko.org/)	1.8.0	SSH2 protocol library / LGPL	
ssl_match_hostname (http://bitbucket.org/brandon/backports.ssl_match_hostname)	3.4.0.2	The ssl.match_hostname() function from Python 3.4 / PSF	•
statsmodels (http://statsmodels.sourceforge.net/)	0.8.0	Statistical computations and models / 3-clause BSD	•
stripe (https://github.com/stripe/stripe-python)	1.37.0	Stripe python bindings / MIT	
subprocess32 (https://github.com/google/python-subprocess32)	3.2.7	backport of the subprocess module from Python 3.2/3.3 for use on 2.x / Python	
suds-jurko (http://bitbucket.org/jurko/suds)	0.6	Software Foundation License  Lightweight SOAP client (Jurko's fork) / GNU Library or Lesser General Public License	
		LGPL  A system for controlling process state under UNIX / <u>BSD-derived</u>	
supervisor (http://supervisord.org/) Linux Mac	3.3.1	(http://www.repoze.org/LiCENSE.txt)	
		Enterprise-class centralized version control for the masses / Apache Software License	

swiq (http://www.swiq.orq/)	3.0.10	A compiler that integrates C and C++ with a variety of languages / GPL3	
sympy (http://sympy.org)	1.0	Python library for symbolic mathematics / 3-clause BSD	~
tabpy-client (https://github.com/tableau/TabPy)	0.2	Python client library to manage Tableau Python Server / MIT	
tabpy-server (https://github.com/tableau/TabPy)	0.2	Web server Tableau uses to run Python scripts / MIT	
tblib (https://github.com/ionelmc/python-tblib)	1.3.2	Traceback fiddling library for Python / BSD	~
tempita (http://pythonpaste.org/tempita/)	0.5.3	A small templating language / MIT	
teradata (http://qithub.com/teradata/PyTd)	15.10.0.20	Script powerful interactions with Teradata Database / MIT	
terminado (https://github.com/takluyver/terminado) Linux Mac	0.6	Terminals served to term.js using Tornado websockets / BSD	~
testpath (https://testpath.readthedocs.io)	0.3	collection of utilities for Python code working with files and commands / MIT	~
thinc (http://github.com/syllog1sm/thinc) Linux Mac	5.0.8	super sparse multi-class machine learning / MIT	
tk (http://www.tcl.tk/)	8.5.18	Dynamic programming language with GUI elements / BSD-like	~
toolz (http://toolz.readthedocs.org/en/latest/)	0.8.2	List processing tools and functional utilities / BSD	~
tornado (http://www.tornadoweb.orq/)	4.5.1	A Python web framework and asynchronous networking library / <u>Apache 2.0</u> (http://www.apache.org/licenses/LICENSE-2.0)	•
tornado-json (https://github.com/hfaran/Tornado-JSON)	1.3.2	simple JSON API framework based on Tornado / MIT	
tqdm (https://github.com/tqdm/tqdm)	4.11.2	a fast, extensible progress meter / MPLv2.0, MIT	
traitlets (https://github.com/ipython/traitlets)	4.3.2	Configuration system for Python applications / Modified BSD	~
raits (https://github.com/enthought/traits)	4.6.0	Explicitly typed attributes for Python / BSD	
raitsui (https://github.com/enthought/traitsui)	5.1.0	Traits-capable windowing framework / BSD	
ransaction (http://zodb.readthedocs.org/en/latest/transactions.html)	1.6.1	Transaction management for Python / ZPL 2.1	
ranslationstring	1.3	Utility library for i18n / BSD	
http://docs.pylonsproject.org/projects/translationstring/en/latest/)	1.3	טכם / ווסוו / ווסוו / טכם	
trollius (https://github.com/haypo/trollius)	2.1	port of the Tulip project (asyncio module, PEP 3156) / Apache	
twisted (http://twistedmatrix.com/)	17.1.0	event-driven networking engine / MIT	
ujson (http://www.esn.me/)	1.35	Ultra fast JSON encoder and decoder for Python / BSD	
unicodecsv (https://github.com/jdunck/python-unicodecsv)	0.14.1	Drop-in replacement for csv module which supports unicode strings / BSD	~
unidecode (https://pypi.python.org/pypi/Unidecode)	0.04.20	ASCII transliterations of Unicode text / GNU General Public License v2 or later (GPL v2+)	
unixodbc (http://www.unixodbc.org/)	2.3.4	ODBC (Open Database Connectivity) implementation for Unix / LGPLv2	~
unxutils (http://unxutils.sourceforge.net/) Windows	14.04.03	Ports of common GNU utilities to native Win32 / GPL3	
uuid (http://zesty.ca/python/)	1.30	UUID object and generation functions / PSF	
vc (https://github.com/conda/conda/wiki/VC-features) Windows	9	A meta-package to track VC features. / Modified BSD License (3-clause)	
vcversioner (https://qithub.com/habnabit/vcversioner)	2.16.0.0	take version numbers from version control / ISC	
venusian (http://docs.pylonsproject.org/projects/venusian/en/latest/)	1.0	A library for deferring decorator actions / BSD	
vs2008_runtime (http://www.microsoft.com) Windows	9.00.30729.5054	Bundles of the MSVC 9 (VS 2008) runtime / Proprietary	~
vs2015_runtime (http://www.microsoft.com) Windows	14.0.25123	Bundles of the MSVC 14 (VS 2015) runtime / Proprietary	~
vtk (http://www.vtk.org/)	6.3.0	3D computer graphics, image processing, and visualization / BSD	1
w3lib (https://qithub.com/scrapy/w3lib)	1.17.0	Library of web-related functions / BSD	
waitress (https://github.com/Pylons/waitress)	1.0.2	Production-quality WSGI server with very acceptable performance / ZPL 2.1	
waitress (nttps://qitnub.com/Pytons/waitress) wcwidth (https://qithub.com/jquast/wcwidth)	0.1.7	measures number of Terminal column cells of wide-character codes / MIT	•
		WSGI request and response object / MIT	•
webob (http://webob.org/)	1.6.1		
websocket (http://pypi.python.org/pypi/websocket)	0.2.1	Websocket implementation for gevent / MIT	
webtest (http://webtest.pythonpaste.org/)	2.0.23	helper to test WSGI applications / MIT	ļ.,
werkzeug (http://werkzeug.pocoo.org/)	0.12.2	A WSGI utility library for Python / BSD	~
wget (http://bitbucket.org/techtonik/python-wget/)	2.2	Pure Python download utility / Public-Domain	
wheel (http://bitbucket.org/pypa/wheel/)	0.29.0	Built-package format for Python / MIT	~
whisper (https://github.com/graphite-project/whisper) Linux	0.9.15	File-based time-series database format for Graphite / Apache	
whoosh (http://bitbucket.org/mchaput/whoosh)	2.7.4	Full-text indexing and searching library / Two-clause BSD license	
widgetsnbextension (http://ipython.org)	2.0.0	IPython HTML widgets for Jupyter / BSD 3-clause	~
win_inet_pton (https://github.com/hickeroar/win_inet_pton) Windows	1.0.1	native inet_pton and inet_ntop implementation for Python on Windows / public domain	
win_unicode_console (https://github.com/Drekin/win-unicode- console) Windows	0.5	enable Unicode input and display when running Python from Windows console / MIT	~
workerpool (http://github.com/shazow/workerpool)	0.9.4	Python multithreaded job distribution module / MIT	
wrapt (https://qithub.com/GrahamDumpleton/wrapt)	1.10.10	Module for decorators, wrappers and monkey patching / BSD	•
wtforms (http://wtforms.simplecodes.com/)	2.1	A flexible forms validation and rendering library for Python / BSD	
xarray (http://xarray.pydata.org/en/stable/)	0.9.5	N-D labeled arrays and datasets in Python / Apache	
xerces-c (http://xerces.apache.org/xerces-c/)	3.1.4	A validating XML parser written in a portable subset of C++ / Apache 2.0	
xerces-c mccb://xerces.abacne.org/xerces-c//			

xlsxwriter (https://qithub.com/imcnamara/XlsxWriter)	0.9.6	A Python module for creating Excel XLSX files / BSD	~
xlutils (http://www.python-excel.org/)	2.0.0	Utilities for working with Excel files / MIT	
xlwings (http://xlwings.org/) Mac Windows	0.10.4	Interact with Excel from Python and vice versa / 3-clause BSD	~
xlwt (http://www.python-excel.org/)	1.2.0	Writing data and formatting information to Excel files / BSD	~
xz (http://tukaani.orq/xz/) Linux Mac	5.2.2	Data compression software with high compression ratio / Public-Domain, GPL	•
yaml (http://www.yaml.org/) Linux Mac	0.1.6	A human friendly data serialization standard / MIT	~
yt (http://yt-project.org/) <sup>Linux Mac</sup>	3.3.5	An analysis and visualization toolkit for volumetric data / BSD 3-clause	
zeromq (http://zeromq.orq) <sup>Linux</sup>	4.1.5	Distributed messaging / LGPL	~
zict (http://qithub.com/mrocklin/zict/)	0.1.2	mutable mapping tools / BSD	~
zlib (http://zlib.net/)	1.2.8	Unobtrusive compression library / <u>zlib (http://zlib.net/zlib_license.html)</u>	~
zope (None)	1.0	/ BSD	
zope.deprecation (http://pypi.python.org/pypi/zope.deprecation)	4.2.0	Zope Deprecation Infrastructure / ZPL 2.1	
zope.interface (http://docs.zope.org/zope.interface/)	4.4.1	Interfaces for Python / ZPL 2.1	
zope.sqlalchemy (http://pypi.python.org/pypi/zope.sqlalchemy)	0.7.7	Minimal Zope/SQLAlchemy transaction integration / ZPL 2.1	

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