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Status

- ★ Healthy
- ★ Could be improved
- ★ Needs attention
- ★ Likely to be an issue in the future

Patch State

- : No patch
- 🔧 : Minor patch
- ⊕ : Functionality patch
- ⊖ : Major changes

Name	Current	Release Date	Status	Patch	Comment	Latest	Release Date	Upgrade Release	Used by (ACS)	Used by (External)	Used by (ALMA SW)
Babel [1]	2.9.0	2020-11	★	-		✔	-	-	-	Sphinx	-
Jinja2 [1]	2.11.2	2020-04	★	-		✔	-	-	-	Sphinx, gcovr	ASDF, AOSCheck
MarkupSafe [1]	1.1.1	2019-02	★	-		✔	-	-	-	Jinja2	
Pygments [1]	2.8.0	2021-02	★	-		✔	-	-	-	Sphinx, ipython	-
Sphinx [1]	3.5.1	2021-02	★	-		✔	-	-	-	sphinx-rtd-theme	ARCHIVE_SERVICES
Twisted [1]	18.7.0	2018-07	★	-		21.2.0	2021-02	2021JUN	-	-	SCHEDULING
alabaster [1]	0.7.12	2018-10	★	-		✔	-	-	-	Sphinx	-
argparse [1]	1.4.0	2015-09	★	-	No Development	✔	-	-	acsdaemon	unittest2	SSR, CONNTROL, IAS, ADC, CORR, ACACORR, ARCHIVE-SERVICES, ADAPT, IRM, ICD
astroid [1]	2.0.4	2018-08	★	-		2.4.2	2020-06	2021AUG		pylint	
coverage [1]	5.3	2020-09	★	-		5.5	2021-02	-		-	
docutils [1]	0.16	2020-01	★	-		✔	-	-		Sphinx	
ephem [1]	3.7.7.1	2020-02	★	-		✔	-	-	-	-	ARCHIVE_SERVICES
futures [1]	3.1.1	2017-04	★	-	Comes with Python 3	3.3.0	2019-07	2021JUN	acspy	-	-
gcovr [1]	4.2	2019-11	★	-		✔	-	-		-	
gnuplotlib [1]	0.22	2018-08	★	-		0.33	2020-03	2021AUG		-	
hiredis [1]	1.1.0	2020-07	★	-		✔	-	-	-	-	-
h5py [1]	2.7.0	2017-03	★	-		3.2.1	2021-03	2021JUN	-	-	-

ipython [1]	7.8.0	2019-08	★	-		7.17.0	2020-07	2021AUG	-	-	Interactive Consoles
jedi [1]	0.17.2	2020-07	★	-		0.18.0	2020-12	-	-	ipython	-
linecache2 [1]	1.0.0	2015-03	★	-	No Development	✓	-	-	-	traceback2	-
logilab-astng [1]	0.24.3	2013-04	★	-	No Development	✓	-	-	-	-	-
logilab-common [1]	1.8.0	2020-10	★	-		1.8.1	2021-01	-	-	logilab-astng	-
lxml [1]	4.4.1	2019-08	★	-		4.5.2	2020-07	2021OCT		gcovr	ICD/ADAPT
matplotlib [1]	3.1.1	2019-07	★	-		3.3.0	2020-07	2021OCT		-	
mock [1]	3.0.5	2019-05	★	-		4.0.2	2020-03	2021OCT		-	
nose [1]	1.3.7	2015-06	★	-	No Development	✓	-	-		-	
numpy [1]	1.18.1	2020-01	★	-		1.19.1	2020-07-21	2021OCT		astropy, scipy, matplotlib, h5py, gnuplotlib	
pexpect [1]	4.8.0	2020-01	★	-		✓	-	-		ipython	
pip [1]	20.1.1	2020-05	★	-	Latest compatible version. Next ones require changes in some modules (use of install-options deprecated)	20.3	2020-11	-	ExtProds	-	ICD
pmw [1]	2.0.1	2015-03	★	-		2.1	2020-12	-		-	Operations
psutil [1]	5.7.2	2020-07	★	-		✓	-	-		-	
pylint [1]	2.1.1	2018-08	★	-		2.5.3	2020-06	2021AUG		-	
pyOpenSSL [1]	18.0.0	2018-05	★	-		19.1.0	2019-11	2021AUG		-	
pysnmp [1]	4.4.5	2018-08	★	-		4.4.12	2019-09	2021AUG		-	
pyhondap [1]	3.1.0	2018-05	★	-		3.3.1	2020-06	2021AUG		-	
pytz [1]	2020.4	2020-04	★	-		✓	-	-		Babel	
pyxb [1]	1.2.6	2017-09	★	+	No Development	✓	-	-		-	
redis [1]	2.10.6	2017-08	★	-		3.5.3	2020-06	2021JUN	acspys	-	ADC
requests [1]	2.13.0	2017-01	★	-		2.25.1	2020-12	2021JUN	-	twine, Sphinx, requests-toolbelt	ADC, CONTROL-SERVICES
scipy [1]	1.1.0	2018-05	★	-		1.5.2	2020-07	2021AUG		-	
setuptools [1]	40.2.0	2018-08	★	-		49.3.1	2020-08	2021OCT		zope.interface, ipython	
simplejson [1]	3.13.2	2017-11	★	-		3.17.2	2020-07	2021JUN	acspys	-	-
six [1]	1.14.0	2020-01	★	-		1.15.0	2020-05	2021OCT		python-jose, ecdsa, unittest2, traitlets, test-generator, Sphinx, python-dateutil, pyOpenSSL, prompt-toolkit, mock, h5py, logilab-common, cyclcr, cryptography, Automat, astroid	
snowballstemmer [1]	2.0.0	2019-10	★	-		✓	-	-	-	Sphinx	-
sphinx-rtd-theme [1]	0.5.1	2021-01	★	-		✓	-	-	-	Sphinx	SCHEDULING-SERVICES
suds-py3 [1]	1.3.3.0	2017-03	★	-		1.4.4.1	2021-01	2021JUN	-	-	ADC
test-generator [1]	0.1.2	2016-08	★	-	No Development	✓	-	-		-	
timeout_decorator [1]	0.4.1	2018-12	★	-	No Development	✓	-	-		-	
tornado [1]	4.5.2	2017-08	★	-		6.0.4	2020-03	2021JUN		-	

traceback2 [1]	1.4.0	2015-03	★	-	No Development	✔	-	-	-	unittest2	-
unittest2 [1]	1.1.0	2015-06	★	-	No Development	✔	-	-	-	-	-

Legend

- 🔍: Candidate (ACS Medium/Long Term Plan)
- 📄: Proposed (SCCB Created)
- ⚠️: Approved (SCCB Approved)
- ✔️: Done (Implemented in Release)
- ❌: Rejected (SCCB Rejected / Technical Issues Prevented Change)

Changes

Name	Release	Original	New	Status	Ticket	Comment
numpy	2020OCT	1.15.1	-	✔️	ICT-17287 - Getting issue details... STATUS	Removing duplicate dependency
gcovr	2020OCT	Latest	4.2	✔️	ICT-17288 - Getting issue details... STATUS	Change open version to use latest available at the time (2020-08-13)
pexpect	2020OCT	Latest	4.8.0	✔️	ICT-17288 - Getting issue details... STATUS	Change open version to use latest available at the time (2020-08-13)
psutil	2020OCT	Latest	5.7.2	✔️	ICT-17288 - Getting issue details... STATUS	Change open version to use latest available at the time (2020-08-13)
test-generator	2020OCT	Latest	0.1.2	✔️	ICT-17288 - Getting issue details... STATUS	Change open version to use latest available at the time (2020-08-13)
pip	2020DEC	Unfixed	20.1.1	✔️	ICT-17555 - Getting issue details... STATUS	Change open version to use latest compatible at the time (2020-05-19)
babel	2021FEB 2021APR	1.3	2.8.0	✔️	ICT-17741 - Getting issue details... STATUS	Obsolescence Management (2013-2014). Provided along with 2021APR due to Observatory milestones.
jinja2	2021FEB 2021APR	2.7.3	2.11.2	✔️	ICT-17741 - Getting issue details... STATUS	Obsolescence Management (2013-2014). Provided along with 2021APR due to Observatory milestones.
markupsafe	2021FEB 2021APR	0.23	1.1.1	✔️	ICT-17741 - Getting issue details... STATUS	Obsolescence Management (2013-2014). Provided along with 2021APR due to Observatory milestones.
argparse	2021FEB 2021APR	1.3.0	1.4.0	✔️	ICT-17741 - Getting issue details... STATUS	Obsolescence Management (2013-2014). Provided along with 2021APR due to Observatory milestones.
coverage	2021FEB 2021APR	3.7.1	5.2.1	✔️	ICT-17741 - Getting issue details... STATUS	Obsolescence Management (2013-2014). Provided along with 2021APR due to Observatory milestones.
docutils	2021FEB 2021APR	0.12	0.16	✔️	ICT-17741 - Getting issue details... STATUS	Obsolescence Management (2013-2014). Provided along with 2021APR due to Observatory milestones.
jedi	2021FEB	-	0.17.2	✔️	ICT-18054 - Getting issue details... STATUS	Fixing ipython's dependency version due to bug

logilab-common	2021FEB 2021APR	0.63.2	1.7.2	✓	ICT-17741 - Getting issue details... STATUS	Obsolescence Management (2013-2014). Provided along with 2021APR due to Observatory milestones.
snowballstemmer	2021FEB 2021APR	1.2.0	2.0.0	✓	ICT-17741 - Getting issue details... STATUS	Obsolescence Management (2013-2014). Provided along with 2021APR due to Observatory milestones.
pytz	2021FEB 2021APR	2015.2	2020.4	✓	ICT-17741 - Getting issue details... STATUS	Dependency to babel Provided along with 2021APR due to Observatory milestones.
pygments	2021APR	2.0.2	2.8.0	✓	ICT-18112 - Getting issue details... STATUS	Obsolescence Management (2015).
sphinx	2021APR	1.3.1	3.5.1	✓	ICT-18112 - Getting issue details... STATUS	Obsolescence Management (2015).
alabaster	2021APR	0.7.3	0.7.12	✓	ICT-18112 - Getting issue details... STATUS	Obsolescence Management (2015).
ephem	2021APR	3.7.6.0	3.7.7.1	✓	ICT-18112 - Getting issue details... STATUS	Obsolescence Management (2015).
hiredis	2021APR	0.2.0	1.1.0	✓	ICT-18112 - Getting issue details... STATUS	Obsolescence Management (2015).
pyephem	2021APR	3.7.6.0	Remove	✓	ICT-18112 - Getting issue details... STATUS	It's only a placeholder for ephem package.
sphinx-rtd-theme	2021APR	0.1.7	0.5.1	✓	ICT-18112 - Getting issue details... STATUS	Obsolescence Management (2015).
unittest2	2021APR	1.0.1	1.1.0	✓	ICT-18112 - Getting issue details... STATUS	Obsolescence Management (2015).
beautifulsoup4	2021JUN	-	4.9.3	✓	ICT-18437 - Getting issue details... STATUS	Doesn't require approval, was part of py2 requirements and was overlooked.
twisted	2021JUN	18.7.0	20.3.0	?	ICT-18439 - Getting issue details... STATUS	Obsolescence Management (2017-2018).
futures	2021JUN	3.1.1	Remove	?	ICT-18439 - Getting issue details... STATUS	Obsolescence Management (2017-2018).
h5py	2021JUN	2.7.0	3.2.1	?	ICT-18439 - Getting issue details... STATUS	Obsolescence Management (2017-2018).
redis	2021JUN	2.10.6	3.5.3	?	ICT-18439 - Getting issue details... STATUS	Obsolescence Management (2017-2018).
requests	2021JUN	2.13.0	2.24.0	?	ICT-18439 - Getting issue details... STATUS	Obsolescence Management (2017-2018).
simplejson	2021JUN	3.13.2	3.17.2	?	ICT-18439 - Getting issue details... STATUS	Obsolescence Management (2017-2018).
suds-py3	2021JUN	1.3.3.0	1.4.1.0	?	ICT-18439 - Getting issue details... STATUS	Obsolescence Management (2017-2018).

tornado	2021JUN	4.5.2	6.0.4		ICT-18439 - Getting issue details... <input type="button" value="STATUS"/>	Obsolescence Management (2017-2018).
astroid	2021AUG	2.0.4	2.4.2			Obsolescence Management (2018-2019).
gnuplotlib	2021AUG	0.22	0.33			Obsolescence Management (2018-2019).
ipython	2021AUG	7.8.0	7.17.0			Obsolescence Management (2018-2019).
pylint	2021AUG	2.1.1	2.5.3			Obsolescence Management (2018-2019).
pyopenssl	2021AUG	18.0.0	19.1.0			Obsolescence Management (2018-2019).
pysnmp	2021AUG	4.4.5	4.4.12			Obsolescence Management (2018-2019).
python-ldap	2021AUG	3.1.0	3.3.1			Obsolescence Management (2018-2019).
scipy	2021AUG	1.1.0	1.5.2			Obsolescence Management (2018-2019).
lxml	2021OCT	4.4.1	4.5.2			Obsolescence Management (2019-2020).
matplotlib	2021OCT	3.1.1	3.3.0			Obsolescence Management (2019-2020).
mock	2021OCT	3.0.5	4.0.2			Obsolescence Management (2019-2020).
numpy	2021OCT	1.18.1	1.19.1			Obsolescence Management (2019-2020).
setuptools	2021OCT	40.2.0	49.3.1			Obsolescence Management (2019-2020).
six	2021OCT	1.14.0	1.15.0			Obsolescence Management (2019-2020).

★ [pyyaml](#) 5.3.1 is hard copied in ADC/SW/SWTools/Utils/src/yaml see discussion there: [ICT-16683](#) (3h)

★ [optparse](#) [argparse](#) is used by many exported scripts, (10 - 15 days)

★ [imp](#) [importlib](#) barly used (3 days)