- Legend
  - Status
  - Patch State
- Python Packages
- History (Since 2020OCT)
  - Legend
  - Changes

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	Latest Date	Upgrade Release	Used by (ACS)	Used by (External)	Used by (ALMA SW)
alabaster [1]	0.7.12	2018-10	🟩	-		0.7.13	2023-01	-	-	sphinx	-
astroid [1]	2.6.6	2021-08	🟦	-		3.0.0	2023-09	-		pylint	-
asttokens [1]	2.0.8	2022-08	🟦	-		2.4.0	2023-09	-		stack-data	
async-timeout [1]	4.0.2	2021-12	🟦	-		4.0.3	2023-08	-		redis	
attrs [1]	22.1.0	2022-07	🟦	-		23.1.0	2023-04	-		automat, twisted	
automat [1]	20.2.0	2020-02	🟦	-		22.10.0	2022-10	-		twisted	
babel [1]	2.10.3	2022-06	🟦	-		2.13.0	2023-10	-	-	sphinx	-
backcall [1]	0.2.0	2020-06	🟦	-		✅	-	-		ipython	
beautifulsoup4 [1]	4.11.1	2022-04	🟦	-		4.12.2	2023-04	-	-	-	-
bleach [1]	5.0.1	2022-06	🟦	-		6.1.0	2023-10	-		readme-renderer	
certifi [1]	2022.6.15	2022-06	🟦	-		2023.7.22	2023-07	-		requests	
cffi [1]	1.15.1	2022-06	🟦	-		1.16.0	2023-09	-		cryptography	
charset-normalizer [1]	2.0.12	2022-02	🟦	-		3.3.0	2023-09	-		requests	
click [1]	8.0.3	2021-10	🟦	-		8.1.7	2023-08	-			
colorama [1]	0.4.5	2022-06	🟦	-		0.4.6	2022-10	-		twine	
coloredlogs [1]	15.0.1	2021-06	🟦	-		✅	-	-			
constantly [1]	15.1.0	2015-08	🟨	-		✅	-	-		twisted	
coverage [1]	6.4.4	2022-08	🟦	-		7.3.2	2023-10	-		-	

cryptography [1]	37.0.4	2022-07	★	-		41.0.4	2023-09	-		pyopenssl, secretstorage	
cycler [1]	0.11.0	2021-10	★	-		0.12.1	2023-10	-		matplotlib	
decorator [1]	5.1.1	2022-01	★	-		✓	-	-		ipython	
deprecated [1]	1.2.13	2021-09	★	-		1.2.14	2023-05	-		redis	
distro [1]	1.6.0	2021-07	★	-		1.8.0	2022-10	-			
docutils [1]	0.18.1	2021-11	★	-		0.20.1	2023-05	-		Sphinx	
ephem [1]	4.1.3	2021-12	★	-		4.1.5	2023-10	-	-	-	ARCHIVE_SERVICES
executing [1]	0.10.0	2022-08	★	-		2.0.0	2023-09	-		stack-data	
gcovr [1]	5.0	2021-06	★	-		6.0	2023-03	-		-	
gnuplotlib [1]	0.38	2021-04	★	-		0.40	2023-06	-		-	-
hiredis [1]	2.0.0	2021-03	★	-		2.2.3	2023-05	-	-	-	-
humanfriendly [1]	10.0	2021-09	★	-		✓	-	-		coloredlogs	
hyperlink [1]	21.0.0	2021-01	★	-		✓	-	-		twisted	
h5py [1]	3.7.0	2022-05	★	-		3.10.0	2023-10	-	-	-	-
idna [1]	3.3	2021-10	★	-		3.4	2022-09	-		hyperlink, requests	
imagesize [1]	1.4.1	2022-07	★	-		✓	-	-		sphinx	
importlib-metadata [1]	4.12.0	2022-06	★	-		6.8.0	2023-07	-		keyring, twine	
incremental [1]	21.3.0	2021-03	★	-		22.10.0	2022-10	-		twisted	
ipython [1]	8.2.0	2022-03	★	-		8.16.1	2023-10	-	-	-	Interactive Consoles, ICD
isort [1]	5.10.1	2021-11	★	-		5.12.0	2023-01	-		pylint	
jedi [1]	0.18.1	2021-11	★	-		0.19.1	2023-10	-	-	ipython	-
jeepney [1]	0.8.0	2022-04	★	-		✓	-	-		keyring, secretstorage	
jinja2 [1]	3.1.1	2022-03	★	-		3.1.2	2022-04	-	-	sphinx, gcovr	ASDF, AOSCheck
keyring [1]	23.8.2	2022-08	★	-		24.2.0	2023-06	-		twine	
kiwisolver [1]	1.4.4	2022-07	★	-		1.4.5	2023-08	-		matplotlib	
lazy-object-proxy [1]	1.7.1	2021-12	★	-		1.9.0	2023-01	-		astroid	
lxml [1]	4.6.3	2021-03	★	-		4.9.3	2023-07	-	-	gcovr	ICD, CONTROL
markupsafe [1]	2.0.1	2021-05	★	-		2.1.3	2023-06	-	-	Jinja2	
matplotlib [1]	3.3.4	2021-01	★	-		3.8.0	2023-09	-	-	-	CONTROL, CORR, TELCAL, SSR, ADC, CORR-SERVICES, ACASPEC
matplotlib-inline [1]	0.1.3	2021-09	★	-		0.1.6	2022-08	-		ipython	
mccabe [1]	0.6.1	2017-01	⭐	-		0.7.0	2022-01	-		pylint	

mock [1]	4.0.3	2020-12	★	-		5.1.0	2023-07	-	Tests: acspycommon, acsalarmpy, xmlpybind, acspy, laser-source-python	-	-
nose2 [1]	0.10.0	2021-01	★	-		0.14.0	2023-10	-		-	
numpy [1]	1.19.5	2021-01	★	-		1.26.0	2023-09	-		astropy, scipy, matplotlib, h5py, gnuplotlib	
numpysane [1]	0.35	2021-10	★	-		0.39	2023-06	-		gnuplotlib	
packaging [1]	21.3	2021-11	★	-		23.2	2023-10	-		redis, sphinx	
parso [1]	0.8.3	2021-11	★	-		✓	-	-		jedi	
pexpect [1]	4.8.0	2020-01	★	-		✓	-	-		ipython	
pickleshare [1]	0.7.5	2018-09	★	-		✓	-	-		ipython	
pillow [1]	9.2.0	2022-07	★	-		10.0.1	2023-09	-		matplotlib	
pip [1]	22.0.2	2022-01	★	+	Patched to allow installation of scripts to path	23.2.1	2023-07	-	ExtProds	-	ICD
pip-licenses	4.3.2	2023-05	★	-		4.3.3	2023-09	2023???			
pip-module-scanner [1]	0.7	2021-07	★	-		✓	-	-	Kit/acs	-	-
pkginfo [1]	1.8.3	2022-06	★	-		1.9.6	2023-01	-		twine	
ply [1]	3.11	2018-02	★	-		✓	-	-		pysmi	
pmw [1]	2.1.1	2022-06	★	-		✓	-	-		-	Operations
prettytable [1]	3.9.0	2023-09	★	-		✓	-	2023DEC		pip-licenses	
prompt-toolkit [1]	3.0.30	2022-06	★	-		3.0.39	2023-07	-		ipython	
psutil [1]	5.9.1	2022-05	★	-		5.9.5	2023-04	-		-	
ptyprocess [1]	0.7.0	2020-12	★	-		✓	-	-		pexpect	
pure-eval [1]	0.2.2	2022-01	★	-		✓	-	-		stack-data	
pyasn1 [1]	0.4.8	2019-11	★	-		0.5.0	2023-04	-		pyasn1-modules, pysnmp, python-ldap	
pyasn1-modules [1]	0.2.8	2020-01	★	-		0.3.0	2023-04	-		python-ldap	
pycparser [1]	2.21	2021-11	★	-		✓	-	-		cffi	
pycryptodomex [1]	3.15.0	2022-06	★	-		3.19.0	2023-09	-		pysnmp	
pygments [1]	2.8.0	2021-02	★	-		2.16.1	2023-08	-	-	Sphinx, ipython	-
pylint [1]	2.9.6	2021-07	★	-		3.0.1	2023-10	-	-	-	-
pyopenssl [1]	21.0.0	2020-12	★	-		23.2.0	2023-05	-	-	-	-
pyparsing [1]	3.0.9	2022-05	★	-		3.1.1	2023-07	-		matplotlib, packaging	
pysmi [1]	0.3.4	2019-04	★	-		✓	-	-		pysnmp	
pysnmp [1]	4.4.12	2019-09	★	-		✓	-	-		-	-
python-dateutil [1]	2.8.2	2021-07	★	-		✓	-	-		matplotlib	
python-ldap [1]	3.4.0	2021-11	★	-		3.4.3	2022-09	-	-	-	-
pytz [1]	2022.2.1	2022-08	★	-		2023.3	2023-03	-		babel	

pyxb [1]	1.2.6	2017-09	⭐	➕	No Development	✅	-	-		-	
pyyaml [1]	6.0	2021-10	🔵	-	-	6.0.1	2023-07	-		-	
readme-renderer [1]	36.0	2022-08	🔵	-		42.0	2023-09	-		twine	
redis [1]	4.2.2	2022-04	🔵	-		5.0.1	2023-09	-	acspy	-	ADC
requests [1]	2.27.1	2022-01	🔵	-		2.31.0	2023-05	-	-	twine, sphinx, requests-toolbelt	ADC, CONTROL-SERVICES
requests-toolbelt [1]	0.9.1	2019-01	⭐	-		1.0.0	2023-05	-		twine	
rfc3986 [1]	2.0.0	2022-01	🔵	-		✅	-	-		twine	
scipy [1]	1.9.0	2022-07	🔵	-		1.11.3	2023-09	-	-	-	ARCHIVE-SERVICES, SCHEDULING-SERVICES, SSR, TELCAL, ADC
secretstorage [1]	3.3.3	2022-08	🔵	-		✅	-	-		keyring	
setuptools [1]	57.4.0	2021-07	🔵	-		68.2.2	2023-09	-		zope.interface, ipython	
simplejson [1]	3.17.6	2021-11	🔵	-		3.19.2	2023-10	-	acspy	-	-
six [1]	1.16.0	2021-05	🔵	-		✅	-	-	containerTests, acspy, acssim	python-jose, ecdsa, unittest2, traitlets, test-generator, sphinx, python-dateutil, pyopenssl, prompt-toolkit, mock, h5py logilab-common, cycler, cryptography, automat, astroid	ICD, SCHEDULING, ADC, SSR
snowballstemmer [1]	2.2.0	2021-11	🔵	-		✅	-	-	-	sphinx	-
soupsieve [1]	2.3.2	2022-04	🔵	-		2.5	2023-09	-		beautifulsoup4	
sphinx [1]	3.5.1	2021-02	🔵	-		7.2.6	2023-09	-	-	sphinx-rtd-theme	ARCHIVE_SERVICES
sphinxcontrib-applehelp [1]	1.0.2	2020-02	🔵	-		1.0.7	2023-08	-		sphinx	
sphinxcontrib-devhelp [1]	1.0.2	2020-02	🔵	-		1.0.5	2023-08	-		sphinx	
sphinxcontrib-htmlhelp [1]	2.0.0	2021-05	🔵	-		2.0.4	2023.08	-		sphinx	
sphinxcontrib-jsmath [1]	1.0.1	2019-01	⭐	-		✅	-	-		sphinx	
sphinxcontrib-qthelp [1]	1.0.3	2020-02	🔵	-		1.0.6	2023-08	-		sphinx	
sphinxcontrib-serializinghtml [1]	1.1.5	2021-05	🔵	-		1.1.9	2023-08	-		sphinx	
sphinx-rtd-theme [1]	0.5.1	2021-01	🔵	-		1.3.0	2023-08	-	-	sphinx	SCHEDULING-SERVICES
stack-data [1]	0.4.0	2022-08	🔵	-		0.6.3	2023-09	-		ipython	
suds-py3 [1]	1.4.5.0	2021-01	🔵	-		✅	-	-	-	-	ADC
timeout-decorator [1]	0.5.0	2020-11	🟢	-		✅	-	-		-	
toml [1]	0.10.2	2020-10	🟢	-		✅	-	-		pylint	
tornado [1]	6.2	2022-07	🔵	-		6.3.3	2023-08	-		-	

tqdm [1]	4.64.0	2022-04	★	-		4.66.1	2023-08	-		twine	
traitlets [1]	5.3.0	2022-06	★	-		5.11.2	2023-10	-		ipython, matplotlib-inline	
twine [1]	3.4.2	2021-07	★	-		4.0.2	2022-11	-	ACS (Deploy)	-	-
twisted [1]	22.4.0	2022-04	★	-		23.8.0	2023-08	-	-	-	SCHEDULING
typing-extensions [1]	4.3.0	2022-07	★	-		4.8.0	2023-09	-		twisted	
urllib3 [1]	1.26.11	2022-07	★	-		2.0.6	2023-10	-		requests	
wcwidth [1]	0.2.5	2020-06	★	-		0.2.8	2023-09	-		prompt-toolkit	
webencodings [1]	0.5.1	2017-04	★	-		✓	-	-			
wheel [1]	0.37.1	2021-12	★	-	Used for installation of Python packages	0.41.2	2023-08	-	ExtProds	-	ICD
wrapt [1]	1.12.1	2020-03	★	-		1.15.0	2023-02	-		astroid, deprecated	
xsdata [1]	21.12	2021-12	★	-		23.8	2023-08	-	-	-	-
zipp [1]	3.8.1	2022-07	★	-		3.17.0	2023-09	-		importlib-metadata	
zope.interface [1]	5.4.0	2021-04	★	-		6.1	2023-10	-		twisted	

Legend

?: Candidate (ACS Medium/Long Term Plan)

i: 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	Latest	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	2.73	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	21.2.0	✓	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	3.1.0	✓	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	2.25.1	✓	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	1.4.4.1	✓	ICT-18439 - Getting issue details... STATUS	Obsolescence Management (2017-2018).
tornado	2021JUN	4.5.2	6.0.4	✓	ICT-18439 - Getting issue details... STATUS	Obsolescence Management (2017-2018).
astroid	~~2021AUG~~ 2021OCT	2.0.4	2.6.6	✓	ICT-18859 - Getting issue details... STATUS	Obsolescence Management (2018-2019).
gnuplotlib	~~2021AUG~~ 2021OCT	0.22	0.38	✓	ICT-18859 - Getting issue details... STATUS	Obsolescence Management (2018-2019).
ipython	~~2021AUG~~ 2021OCT	7.8.0	7.16.1	✓	ICT-18859 - Getting issue details... STATUS	Obsolescence Management (2018-2019).
pylint	~~2021AUG~~ 2021OCT	2.1.1	2.9.6	✓	ICT-18859 - Getting issue details... STATUS	Obsolescence Management (2018-2019).
pyopenssl	~~2021AUG~~ 2021OCT	18.0.0	20.0.1	✓	ICT-18859 - Getting issue details... STATUS	Obsolescence Management (2018-2019).
pysnmp	~~2021AUG~~ 2021OCT	4.4.5	4.4.12	✓	ICT-18859 - Getting issue details... STATUS	Obsolescence Management (2018-2019).
python-ldap	~~2021AUG~~ 2021OCT	3.1.0	3.3.1	✓	ICT-18859 - Getting issue details... STATUS	Obsolescence Management (2018-2019).
scipy	~~2021AUG~~ 2021OCT	1.1.0	1.5.4	✓	ICT-18859 - Getting issue details... STATUS	Obsolescence Management (2018-2019).
lxml	2021OCT	4.4.1	4.6.3	✓	ICT-19118 - Getting issue details... STATUS	Obsolescence Management (2018-2020).
matplotlib	2021OCT	3.1.1	3.3.4	✓	ICT-19118 - Getting issue details... STATUS	Obsolescence Management (2018-2020).
mock	2021OCT	3.0.5	4.0.3	✓	ICT-19118 - Getting issue details... STATUS	Obsolescence Management (2018-2020).

numpy	2021OCT	1.18.1	1.19.5	✓	ICT-19118 - Getting issue details... STATUS	Obsolescence Management (2018-2020).
setuptools	2021OCT	40.2.0	57.4.0	✓	ICT-19118 - Getting issue details... STATUS	Obsolescence Management (2018-2020).
six	2021OCT	1.14.0	1.16.0	✓	ICT-19118 - Getting issue details... STATUS	Obsolescence Management (2018-2020).
docopt	2021DEC	-	0.6.2	✓	ICT-19503 - Getting issue details... STATUS	Required for standalone script.
twine	2021DEC	-	3.4.2	✓	ICT-19503 - Getting issue details... STATUS	Required for deployment of ACS and ALMA SW packages.
pip-module-scanner	2021DEC	-	0.7	✓	ICT-19503 - Getting issue details... STATUS	Required for deployment of ACS and ALMA SW packages.
pyopenssl	2021DEC	20.0.1	21.0.0	✓	ICT-19505 - Getting issue details... STATUS	Security update.
argparse	2022FEB	1.4.0	Remove	✓	ICT-19902 - Getting issue details... STATUS	Part of the Python standard library since 3.2.
distro	2022FEB	-	1.6.0	✓	ICT-19902 - Getting issue details... STATUS	Needed as replacement of platform.dist().
wheel	2022FEB	-	0.37.1	✓	ICT-19902 - Getting issue details... STATUS	Required for deployment of ACS and ALMA SW packages.
xsdata	2022FEB	-	21.12	✓	ICT-19902 - Getting issue details... STATUS	Investigate as an alternative to PyXB (Deprecated).
click	2022APR	-	8.0.3	✓	ICT-19949 - Getting issue details... STATUS	Added for component generator script
coloredlogs	2022APR	-	15.0.1	✓	ICT-19949 - Getting issue details... STATUS	Added for component generator script
gcovr	2022APR	4.2	5.0	✓	ICT-20027 - Getting issue details... STATUS	Obsolescence Management (2019)
linecache2	2022APR	1.0.0	Remove	✓	ICT-20027 - Getting issue details... STATUS	Not used in ALMA SW and no longer developed.
logilab-astng	2022APR	0.24.3	Remove	✓	ICT-20027 - Getting issue details... STATUS	Not used in ALMA SW and no longer developed.
logilab-common	2022APR	1.8.0	Remove	✓	ICT-20027 - Getting issue details... STATUS	Not used in ALMA SW.
markupsafe	2022APR	1.1.1	2.0.1	✓	ICT-20027 - Getting issue details... STATUS	Obsolescence Management (2019)
nose	2022APR	1.3.7	Remove	✓	ICT-20027 - Getting issue details... STATUS	Remove as this version is deprecated. Replaced by nose2 package.

nose2	2022APR	-	0.10.0	✓	ICT-20027 - Getting issue details... STATUS	Installing as a replacement of deprecated nose package.
pip	2022APR	20.1.1	22.0.2	✓	ICT-20027 - Getting issue details... STATUS	Staying updated.
pyyaml	2022APR	-	6.0	✓	ICT-19949 - Getting issue details... STATUS	Added for component generator script
snowballstemmer	2022APR	2.0.0	2.2.0	✓	ICT-20027 - Getting issue details... STATUS	Obsolescence Management (2019)
test-generator	2022APR	0.1.2	Remove	✓	ICT-20027 - Getting issue details... STATUS	Not used in ALMA SW and no longer developed.
timeout-decorator	2022APR	0.4.1	0.5.0	✓	ICT-20027 - Getting issue details... STATUS	Obsolescence Management (2019)
traceback2	2022APR	1.4.0	Remove	✓	ICT-20027 - Getting issue details... STATUS	Not used in ALMA SW and no longer developed.
unittest2	2022APR	1.1.0	Remove	✓	ICT-20027 - Getting issue details... STATUS	Not used in ALMA SW and no longer developed.
docutils	2022JUN	0.16	0.18.1	✓	ICT-20509 - Getting issue details... STATUS	Obsolescence Management (2020)
ephem	2022JUN	3.7.7.1	4.1.3	✓	ICT-20509 - Getting issue details... STATUS	Obsolescence Management (2020)
ipython	2022JUN	7.16.1	8.2.0	✓	ICT-20509 - Getting issue details... STATUS	Obsolescence Management (2020)
jinja2	2022JUN	2.11.2	3.1.1	✓	ICT-20509 - Getting issue details... STATUS	Obsolescence Management (2020)
python-ldap	2022JUN	3.3.1	3.4.0	✓	ICT-20509 - Getting issue details... STATUS	Obsolescence Management (2020)
redis	2022JUN	3.5.3	4.2.2	✓	ICT-20509 - Getting issue details... STATUS	Obsolescence Management (2020)
requests	2022JUN	2.25.1	2.27.1	✓	ICT-20509 - Getting issue details... STATUS	Obsolescence Management (2020)
suds-py3	2022JUN	1.4.4.1	1.4.5.0	✓	ICT-20509 - Getting issue details... STATUS	Obsolescence Management (2020)
tornado	2022JUN	6.0.4	6.1	✓	ICT-20509 - Getting issue details... STATUS	Obsolescence Management (2020)
twisted	2022JUN	21.2.0	22.4.0	✓	ICT-20509 - Getting issue details... STATUS	Obsolescence Management (2020)
asttokens	2022OCT	Latest	2.0.8	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.

async-timeout	2022OCT	Latest	4.0.2	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
attrs	2022OCT	Latest	22.1.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
automat	2022OCT	Latest	20.2.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
babel	2022OCT	2.9.0	2.10.3	✓	ICT-21151 - Getting issue details... STATUS	Obsolescence Management (2020)
backcall	2022OCT	Latest	0.2.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
beautifulsoup4	2022OCT	4.9.3	4.11.1	✓	ICT-21151 - Getting issue details... STATUS	Obsolescence Management (2020)
bleach	2022OCT	Latest	5.0.1	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
certifi	2022OCT	Latest	2022.6.15	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
cffi	2022OCT	Latest	1.15.1	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
charset-normalizer	2022OCT	Latest	2.0.12	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
colorama	2022OCT	Latest	0.4.5	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
constantly	2022OCT	Latest	15.1.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
coverage	2022OCT	5.3	6.4.4	✓	ICT-21151 - Getting issue details... STATUS	Obsolescence Management (2020)
cryptography	2022OCT	Latest	37.0.4	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
cycler	2022OCT	Latest	0.11.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
decorator	2022OCT	Latest	5.1.1	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
deprecated	2022OCT	Latest	1.2.13	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
docopt	2022OCT	0.6.2	Remove	✓	ICT-21151 - Getting issue details... STATUS	Obsolescence Management (2014). Obsolete dependency.
executing	2022OCT	Latest	0.10.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.

hiredis	2022OCT	1.1.0	2.0.0	✓	ICT-21151 - Getting issue details... STATUS	Obsolescence Management (2020)
humanfriendly	2022OCT	Latest	10.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
hyperlink	2022OCT	Latest	21.0.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
h5py	2022OCT	3.1.0	3.7.0	✓	ICT-21151 - Getting issue details... STATUS	Obsolescence Management (2020)
idna	2022OCT	Latest	3.3	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
imagesize	2022OCT	Latest	1.4.1	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
importlib-metadata	2022OCT	Latest	4.12.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
incremental	2022OCT	Latest	21.3.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
isort	2022OCT	Latest	5.10.1	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
jedi	2022OCT	0.17.2	0.18.1	✓	ICT-21151 - Getting issue details... STATUS	Obsolescence Management (2020)
jeepney	2022OCT	Latest	0.8.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
keyring	2022OCT	Latest	23.8.2	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
kiwisolver	2022OCT	Latest	1.4.4	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
lazy-object-proxy	2022OCT	Latest	1.7.1	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
matplotlib-inline	2022OCT	Latest	0.1.3	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
mccabe	2022OCT	Latest	0.6.1	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
numpysane	2022OCT	Latest	0.35	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
packaging	2022OCT	Latest	21.3	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
parso	2022OCT	Latest	0.8.3	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.

pickleshare	2022OCT	Latest	0.7.5	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
pillow	2022OCT	Latest	9.2.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
pkginfo	2022OCT	Latest	1.8.3	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
ply	2022OCT	Latest	3.11	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
pmw	2022OCT	2.1	2.1.1	✓	ICT-21151 - Getting issue details... STATUS	Correcting manually prepared package for current PyPI version
prompt-toolkit	2022OCT	Latest	3.0.30	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
psutil	2022OCT	5.7.2	5.9.1	✓	ICT-21151 - Getting issue details... STATUS	Obsolescence Management (2020)
ptyprocess	2022OCT	Latest	0.7.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
pure-eval	2022OCT	Latest	0.2.2	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
pyasn1	2022OCT	Latest	0.4.8	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
pyasn1-modules	2022OCT	Latest	0.2.8	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
pycparser	2022OCT	Latest	2.21	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
pycryptodomex	2022OCT	Latest	3.15.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
pyparsing	2022OCT	Latest	3.0.9	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
pysmi	2022OCT	Latest	0.3.4	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
python-dateutil	2022OCT	Latest	2.8.2	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
pytz	2022OCT	2020.4	2022.2.1	✓	ICT-21151 - Getting issue details... STATUS	Obsolescence Management (2020)
readme-renderer	2022OCT	Latest	36.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
requests-toolbelt	2022OCT	Latest	0.9.1	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.

rfc3986	2022OCT	Latest	2.0.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
scipy	2022OCT	1.5.4	1.9.0	✓	ICT-21151 - Getting issue details... STATUS	Obsolescence Management (2020)
secretstorage	2022OCT	Latest	3.3.3	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
simplejson	2022OCT	3.17.2	3.17.6	✓	ICT-21151 - Getting issue details... STATUS	Obsolescence Management (2020)
soupsieve	2022OCT	Latest	2.3.2	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
sphinxcontrib-applehelp	2022OCT	Latest	1.0.2	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
sphinxcontrib-devhelp	2022OCT	Latest	1.0.2	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
sphinxcontrib-htmlhelp	2022OCT	Latest	2.0.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
sphinxcontrib-jsmath	2022OCT	Latest	1.0.1	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
sphinxcontrib-qthelp	2022OCT	Latest	1.0.3	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
sphinxcontrib-serializinghtml	2022OCT	Latest	1.1.5	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
stack-data	2022OCT	Latest	0.4.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
toml	2022OCT	Latest	0.10.2	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
tornado	2022OCT	6.1	6.2	✓	ICT-21151 - Getting issue details... STATUS	Obsolescence Management (2020)
tqdm	2022OCT	Latest	4.64.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
traitlets	2022OCT	Latest	5.3.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
typing_extensions	2022OCT	Latest	4.3.0	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
urllib3	2022OCT	Latest	1.26.11	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
wcwidth	2022OCT	Latest	0.2.5	✓	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.

webencodings	2022OCT	Latest	0.5.1	✔	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
wrapt	2022OCT	Latest	1.12.1	✔	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
zipp	2022OCT	Latest	3.8.1	✔	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
zope.interface	2022OCT	Latest	5.4.0	✔	ICT-21151 - Getting issue details... STATUS	Defining fixed version for transitive dependencies.
pip-licenses	2023AUG	-	4.3.2	✔	ICT-21287 - Getting issue details... STATUS	Adding support to obtain list of licenses from the installed dependencies.
prettytable	2023DEC	Latest	3.9.0	?		Defining fixed version for transitive dependencies (pip-licenses).

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)