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11.0

# ArcGIS® Notebook Services on Kubernetes

## Python Libraries Manifest

ArcGIS® Notebook Services on Kubernetes provides a spatially optimized Jupyter experience to create, share, and run data science, data management, and administrative scripts.

With these notebooks, you can perform analysis, automate workflows, and immediately visualize data and analysis results in a geographic context. It is an efficient, modern environment that combines code, real-time visualizations and maps, and data tools.

ArcGIS Notebooks features the ArcGIS Python libraries, ArcGIS API for Python, and ArcPy™. ArcGIS Notebooks also includes access to hundreds of open-source Python libraries and packages.

This publication provides a complete list of the Python libraries—including their versions—that are packaged in the ArcGIS Notebook Services on Kubernetes runtime version 11.0.

# ArcGIS Notebook Services on Kubernetes Runtime

Python 3 Standard | Version 11.0

## RELEASED

December 2024

## TOTAL PACKAGES

629

## SUPPORTED IN

ArcGIS Enterprise 11.4 on Kubernetes

Library Name	Version	Library Name	Version	Library Name	Version
_libgcc_mutex	0.1	aws-c-sdkutils	0.1.6	cloudpickle	2.2.1
_openmp_mutex	5.1	aws-checksums	0.1.13	cmaes	0.8.2
_py-xgboost-mutex	2.0	aws-crt-cpp	0.18.16	cmd2	2.4.3
abseil-cpp	20211102.0	aws-sdk-cpp	1.10.55	colorama	0.4.6
absl-py	2.1.0	azure-core	1.12.0	colorcet	3.1.0
accelerate	0.33.0	azure-storage-blob	12.8.0	coloredlogs	15.0.1
addict	2.4.0	babel	2.11.0	colorlog	5.0.1
affine	2.3.0	beautifulsoup4	4.12.2	colour	0.1.5
aiohappyeyeballs	2.4.0	bitsandbytes	0.43.3	comm	0.2.2
aiohttp	3.9.5	blas	1.0	conda	24.3.0
aiosignal	1.2.0	bleach	4.1.0	conda-content-trust	0.2.0
alumentations	1.0.3	blinker	1.6.2	conda-libmam-ba-solver	24.7.0
alembic	1.8.1	blosc	1.21.3	conda-package-handling	2.2.0
altair	5.0.1	bokeh	3.2.1	conda-pack-age-streaming	0.9.0
anaconda-anon-usage	0.4.4	boltons	23.0.0	confection	0.1.4
annotated-types	0.6.0	boost	1.82.0	cons	0.4.6
ansicolors	1.1.8	boost-cpp	1.82.0	contourpy	1.2.0
anyio	3.5.0	boto3	1.24.28	cryptography	42.0.5
anywidget	0.9.13	botocore	1.27.59	cuda-toolkit	11.8.0
aom	3.6.0	bottleneck	1.3.5	cuda-nn	8.7.0.84
arcgis	2.4.0	brotli	1.0.9	cumm	0.4.11
arcgis-mapping	4.30.0	brotli-bin	1.0.9	cupti	11.8.0
arcgis-notebooks-extension	1.0.1	brotli-python	1.0.9	cycler	0.11.0
archspec	0.2.3	brunli	0.1	cymem	2.0.6
argon2-cffi	21.3.0	bzip2	1.0.8	cython	0.29.33
argon2-cffi-bindings	21.2.0	c-ares	1.19.1	cython-blis	0.7.9
arrow	1.3.0	c-blosc2	2.12.0	cytoolz	0.12.2
arrow-cpp	14.0.2	ca-certificates	2024.9.24	dask	2024.5.0
arviz	0.17.1	cachetools	5.3.3	dask-core	2024.5.0
asttokens	2.0.5	cairo	1.16.0	dask-expr	1.1.0
astunparse	1.6.3	catalogue	2.0.10	dask-glm	0.2.0
async-lru	2.0.4	catboost	1.2.3	dask-ml	2023.3.24
atk-1.0	2.36.0	category_encoders	2.2.2	datasets	2.16.1
atomicwrites	1.4.0	ccimport	0.4.2	dav1d	1.2.1
attrs	23.1.0	certifi	2024.8.30	dbus	1.13.18
aws-c-auth	0.6.19	cffi	1.16.0	debugpy	1.6.7
aws-c-cal	0.5.20	cfitsio	3.470	decorator	5.1.1
aws-c-common	0.8.5	cftime	1.6.2	defusedxml	0.7.1
aws-c-compression	0.2.16	chardet	4.0.0	descartes	1.1.0
aws-c-event-stream	0.2.15	charls	2.2.0	dereg	1.0.0
aws-c-http	0.6.25	charset-normalizer	2.0.4	dill	0.3.7
aws-c-io	0.13.10	click	8.1.7	distributed	2024.5.0
aws-c-mqtt	0.7.13	click-plugins	1.1.1	distro	1.8.0
aws-c-s3	0.1.51	cliff	3.8.0	dm-tree	0.1.7
		cligj	0.7.2		
		cloudpathlib	0.16.0		

# ArcGIS Notebook Services on Kubernetes Runtime

Python 3 Standard | Version 11.0

Library Name	Version	Library Name	Version	Library Name	Version
dtreeviz	1.3.7	glog	0.5.0	jaraco.classes	3.2.1
einops	0.7.0	gmp	6.2.1	jasper	4.2.4
ensemble-boxes	1.0.8	gmpy2	2.1.2	jedi	0.18.2
entrypoints	0.4	gnutls	3.6.15	jeepney	0.7.1
et_xmlfile	1.1.0	gobject-introspection	1.78.1	jinja2	3.1.4
etuples	0.3.9	google-auth	2.29.0	jmespath	1.0.1
exceptiongroup	1.0.0rc9	google-auth-oauthlib	0.5.2	joblib	1.4.2
executing	0.8.3	google-pasta	0.2.0	jpeg	9e
expat	2.6.3	graphite2	1.3.14	js2py	0.74
fairlearn	0.8.0	graphviz	8.1.0	json-c	0.16
fastai	1.0.63	greenlet	3.0.1	json5	0.9.25
fastprogress	0.2.3	grpc-cpp	1.48.2	jsonpatch	1.33
fasttext	0.9.2	grpcio	1.48.2	jsonpointer	2.1
ffmpeg	6.1.1	gtk2	2.24.33	jsonschema	4.19.2
filelock	3.13.1	gts	0.7.6	jsonschema-specifications	2023.7.1
fiona	1.9.5	h11	0.14.0	jupyter-lsp	2.2.0
fire	0.4.0	h3-py	3.7.6	jupyter_client	7.4.9
fmt	9.1.0	h5netcdf	1.2.0	jupyter_core	5.5.1
font-ttf-dejavu-sans-mono	2.37	h5py	3.11.0	jupyter_events	0.10.0
font-ttf-inconsolata	2.001	harfbuzz	4.3.0	jupyter_server	2.14.2
font-ttf-source-code-pro	2.030	hdf4	4.2.13	jupyter_server_terminals	0.4.4
font-ttf-ubuntu	0.83	hdf5	1.14.4.3	jupyterlab	4.2.4
fontconfig	2.14.1	holoviews	1.17.1	jupyterlab_pygments	0.3.0
fonts-anaconda	1	html5lib	1.1	jupyterlab_server	2.27.3
fonts-conda-ecosystem	1	httpcore	1.0.2	jupyterlab_widgets	3.0.13
fonttools	4.51.0	httpx	0.27.0	jxrlib	1.1
fqdn	1.5.1	huggingface_hub	0.24.3	kealib	1.5.0
freelglut	3.4.0	humanfriendly	10.0	keras	2.13.1
freetype	2.12.1	icu	73.1	keyring	23.13.1
freexl	2.0.0	idna	3.4	kiwisolver	1.4.4
fribidi	1.0.10	imagecodecs	2023.1.23	krb5	1.20.1
frozenlist	1.4.0	imageio	2.33.1	lame	3.100
fsspec	2024.6.1	imgaug	0.4.0	langcodes	3.3.0
future	0.18.3	importlib-metadata	7.0.1	lark	1.1.2
gast	0.5.3	importlib_metadata	7.0.1	laspy	1.7.1
gdal	3.8.3	importlib_resources	6.4.0	lazy_loader	0.4
gdk-pixbuf	2.42.10	iniconfig	1.1.1	lcms2	2.12
geomet	1.0.0	inplace-abn	1.1.0	ld_impl_linux-64	2.38
geos	3.8.0	intel-openmp	2023.1.0	lerc	3.0
geotiff	1.7.0	ipykernel	6.25.0	libaec	1.0.4
gflags	2.2.2	ipyml	0.9.3	libarchive	3.6.2
giflib	5.2.1	ipython	8.18.1	libavif	0.11.1
glib	2.78.4	ipython_genutils	0.2.0	libboost	1.82.0
glib-tools	2.78.4	ipywidgets	8.1.2	libbrotlicommon	1.0.9
		isodate	0.6.0		
		isoduration	20.11.0		

02  
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11

# ArcGIS Notebook Services on Kubernetes Runtime

Python 3 Standard | Version 11.0

Library Name	Version	Library Name	Version	Library Name	Version
libbrotlidec	1.0.9	libwebp-base	1.3.2	mpmath	1.3.0
libbrotlienc	1.0.9	libxcb	1.15	msgpack-python	1.0.3
libclang	14.0.6	libxgboost	1.7.3	msrest	0.6.21
libclang13	14.0.6	libxml2	2.10.4	multidict	6.0.4
libcurl	8.5.0	libxslt	1.1.41	multipledispatch	0.6.0
libdeflate	1.17	libzip	1.8.0	multiprocess	0.70.15
libedit	3.1.20230828	libzopfli	1.0.3	munch	2.5.0
libev	4.33	lightgbm	4.5.0	murmurhash	1.0.7
libevent	2.1.12	linkify-it-py	2.0.0	nbclient	0.8.0
libffi	3.4.4	llvmlite	0.41.0	nbconvert	7.16.4
libgcc-ng	11.2.0	locket	1.0.0	nbformat	5.10.4
libgd	2.3.3	logical-unification	0.4.6	ncurses	6.4
libgdal	3.8.3	lxml	5.2.1	nest-asyncio	1.6.0
libgfortran-ng	11.2.0	lz4	4.3.2	netcdf4	1.6.2
libgfortran5	11.2.0	lz4-c	1.9.4	nettle	3.7.3
libglib	2.78.4	magma-cuda118	2.6.1	networkx	3.3
libglu	9.0.0	mako	1.2.3	neural-structured-learning	1.4.0
libgomp	11.2.0	markdown	3.4.1	ninja	1.10.2
libiconv	1.16	markdown-it-py	2.2.0	ninja-base	1.10.2
libidn2	2.3.4	markupsafe	2.1.3	ninja_syntax	1.7.2
libjpeg-turbo	2.0.0	matplotlib	3.6.3	nose	1.3.7
libllvm14	14.0.6	matplotlib-base	3.6.3	notebook	7.2.1
libmamba	1.5.8	matplotlib-inline	0.1.6	notebook-shim	0.2.4
libmambapy	1.5.8	mdit-py-plugins	0.3.0	numba	0.58.1
libnetcdf	4.9.2	mdurl	0.1.0	numexpr	2.8.4
libnghttp2	1.57.0	menuinst	2.0.2	numpy	1.24.3
libopencv	4.8.1	metis	5.1.0	numpy-base	1.24.3
libopus	1.3.1	minikanren	1.0.3	nuscenes-devkit	1.1.3
libpng	1.6.39	minizip	4.0.3	nvdiia-ml-py3	7.352.0
libpq	12.17	mistune	2.0.4	oauthlib	3.2.2
libprotobuf	3.20.3	mkl	2023.1.0	onnx	1.13.1
librsvg	2.54.4	mkl-service	2.4.0	onnx-tf	1.9.0
libsodium	1.0.18	mkl_fft	1.3.10	onnxruntime	1.17.1
libsolv	0.7.24	mkl_random	1.2.7	opencv	4.8.1
libspatialindex	1.9.3	mljar-supervised	0.11.2	openh264	2.1.1
libspatialite	5.1.0	mmcv	2.0.1	openjpeg	2.5.2
libssh2	1.10.0	mmdet	3.1.0	openpyxl	3.0.10
libstdcxx-ng	11.2.0	mmdet3d	1.2.0	openssl	3.0.15
libtasn1	4.19.0	mmengine	0.8.5	opt-einsum	3.3.0
libthrift	0.15.0	mmsegmentation	1.1.2	optuna	3.0.4
libtiff	4.5.1	more-itertools	10.3.0	orc	1.7.4
libtool	2.4.6	motmetrics	1.1.3	overrides	7.4.0
libunistring	0.9.10	mpc	1.1.0	packaging	23.2
libuuid	1.41.5	mpfr	4.0.2	pandas	2.0.2
libvpx	1.13.1	mpi	1.0	pandocfilters	1.5.0
libwebp	1.3.2	mpich	4.1.1		

02  
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11

# ArcGIS Notebook Services on Kubernetes Runtime

Python 3 Standard | Version 11.0

Library Name	Version	Library Name	Version	Library Name	Version
panel	1.2.3	pydantic-core	2.10.1	requests-kerberos	0.14.0
pango	1.50.7	pygments	2.18.0	requests-oauthlib	2.0.0
papermill	2.6.0	pyjparser	2.7.1	requests-toolbelt	1.0.0
param	1.13.0	pyjwt	2.4.0	rfc3339-validator	0.1.4
parso	0.8.3	pykerberos	1.2.1	rfc3986-validator	0.1.1
partd	1.4.1	pylerc	4.0	rich	13.3.5
patsy	0.5.3	pymc	5.6.1	rpds-py	0.10.6
pbr	5.6.0	pyopenssl	24.2.1	rsa	4.7.2
pccm	0.4.11	yparsing	3.1.2	rtree	1.0.1
pcre2	10.42	pypdf	4.3.1	ruamel.yaml	0.17.21
pexpect	4.8.0	pypdf2	1.26.0	ruamel.yaml.clib	0.2.8
pickleshare	0.7.5	pyperclip	1.8.2	s2n	1.3.27
pillow	10.4.0	pyproj	3.6.1	s3transfer	0.6.0
pip	23.3.1	pyquaternion	0.9.9	safetensors	0.4.4
pixman	0.40.0	pyshp	2.1.3	scikit-image	0.20.0
platformdirs	3.10.0	pysocks	1.7.1	scikit-learn	1.3.0
plotly	5.19.0	pyspnego	0.9.2	scikit-plot	0.3.7
pluggy	1.0.0	pytables	3.9.2	scipy	1.11.3
portalocker	2.3.0	pytensor	2.12.3	seaborn	0.12.2
portaudio	19.6.0	pytest	7.4.4	secretstorage	3.3.1
postgresql	12.17	python	3.11.9	send2trash	1.8.2
prshed	3.0.6	python-dateutil	2.9.0post0	sentencepiece	0.1.99
prettytable	2.1.0	python-fastjson-schema	2.16.2	setuptools	68.2.2
proj	9.3.1	python-flatbuffers	23.5.26	shap	0.42.1
prometheus_client	0.20.0	python-graphviz	0.20.1	shapely	2.0.1
prompt-toolkit	3.0.47	python-gssapi	1.8.1	shellingham	1.5.0
protobuf	3.20.3	python-gssapi	1.8.1	simplejson	3.19.2
psutil	5.9.0	python-json-logger	2.0.7	six	1.16.0
psynal	0.11.0	python-sounddevice	0.4.4	slicer	0.0.7
ptyprocess	0.7.0	python-xxhash	2.0.2	smart_open	5.2.1
pure_eval	0.2.2	pytorch	2.0.1	snappy	1.2.1
puremagic	1.15	pytz	2024.1	sniffio	1.3.0
py-boost	1.82.0	pyviz_comms	3.0.2	snuggs	1.4.7
py-cpuinfo	9.0.0	pywavelets	1.7.0	sortedcontainers	2.4.0
py-opencv	4.8.1	pyyaml	6.0.1	soupsieve	2.5
py-xgboost	1.7.3	pyzmq	25.1.2	spacy	3.7.2
pyarrow	14.0.2	rasterio	1.3.9	spacy-legacy	3.0.12
pyasn1	0.4.8	rasterstats	0.19.0	spacy-loggers	1.0.4
pyasn1-modules	0.2.8	re2	2022.04.01	spconv	2.3.6
pybind11	2.12.0	readline	8.2	sqlalchemy	2.0.21
pybind11-abi	4	referencing	0.30.2	sqlite	3.41.2
pybind11-global	2.12.0	regex	2024.9.11	srsly	2.4.8
pycocotools	2.0.7	reproc	14.2.4	stack_data	0.5.1
pycosat	0.6.6	reproc-cpp	14.2.4	statsmodels	0.14.0
pycparser	2.21	requests	2.31.0	stevedore	5.1.0
pydantic	2.4.2	requests-gssapi	1.2.3	sympy	1.11.1

02  
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04  
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08  
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11

# ArcGIS Notebook Services on Kubernetes Runtime

Python 3 Standard | Version 11.0

Library Name	Version	Library Name	Version
tabulate	0.9.0	typing_extensions	4.11.0
tbb	2021.8.0	tzdata	2024a
tblib	1.7.0	tzlocal	5.2
tenacity	8.2.3	uc-micro-py	1.0.1
tensorboard	2.13.0	ujson	5.4.0
tensorboard-da-ta-server	0.7.0	unicodedata2	15.1.0
tensorboard-plugin-wit	1.6.0	uri-template	1.3.0
tensorboardx	2.6.2.2	urllib3	1.26.19
tensorflow	2.13.0	utf8proc	2.6.1
tensorflow-addons	0.22.0	wasabi	0.9.1
tensorflow-estimator	2.13.0	watchfiles	0.21.0
tensorflow-hub	0.16.1	wcwidth	0.2.5
tensorflow-model-optimization	0.7.5	weasel	0.3.4
termcolor	2.1.0	webcolors	24.8.0
terminado	0.17.1	webencodings	0.5.1
terminaltables	3.1.0	websocket-client	1.8.0
tflite-model-maker	0.3.4	werkzeug	3.0.3
tflite-support	0.4.4	wheel	0.41.2
thinc	8.2.2	widetsnbextension	4.0.10
threadpoolctl	3.5.0	wordcloud	1.9.2
tifffile	2023.4.12	wrapt	1.14.1
tiledb	2.3.3	xarray	2023.6.0
timm	0.4.12	xarray-einstats	0.6.0
tinycss2	1.1.1	xerces-c	3.2.4
tk	8.6.12	xgboost	1.7.3
tokenizers	0.19.1	xlrd	2.0.1
tomli	2.0.1	xlwt	1.3.0
toolz	0.12.0	xmldict	0.13.0
torch-cluster	1.6.3	xxhash	0.8.0
torch-geometric	2.4.0	xyzservices	2022.9.0
torch-scatter	2.1.2	xz	5.4.6
torch-sparse	0.6.18	yaml	0.2.5
torch-spline-conv	1.2.2	yaml-cpp	0.8.0
torchvision	0.15.2	yapf	0.40.2
tornado	6.4.1	yaml	1.11.0
tqdm	4.65.0	zeromq	4.3.5
traitlets	5.14.3	zfp	1.0.0
transformers	4.43.4	zict	3.0.0
trimesh	2.35.39	zipp	3.17.0
truststore	0.8.0	zlib	1.2.13
typeguard	2.13.0	zlib-ng	2.0.7
typer	0.9.0	zstandard	0.19.0
types-python-dateutil	2.9.0.20241003	zstd	1.5.5
typing-extensions	4.11.0		

02  
03  
04  
05  
06  
07  
08  
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11

# ArcGIS Notebook Services on Kubernetes Runtime

Python 3 Advanced | Version 11.0

## RELEASED

December 2024

## TOTAL PACKAGES

630

## SUPPORTED IN

ArcGIS Enterprise 11.4 on Kubernetes

Library Name	Version	Library Name	Version	Library Name	Version
_libgcc_mutex	0.1	aws-c-sdkutils	0.1.6	cloudpickle	2.2.1
_openmp_mutex	5.1	aws-checksums	0.1.13	cmaes	0.8.2
_py-xgboost-mutex	2.0	aws-crt-cpp	0.18.16	cmd2	2.4.3
abseil-cpp	20211102.0	aws-sdk-cpp	1.10.55	colorama	0.4.6
absl-py	2.1.0	azure-core	1.12.0	colorcet	3.1.0
accelerate	0.33.0	azure-storage-blob	12.8.0	coloredlogs	15.0.1
addict	2.4.0	babel	2.11.0	colorlog	5.0.1
affine	2.3.0	beautifulsoup4	4.12.2	colour	0.1.5
aiohappyeyeballs	2.4.0	bitsandbytes	0.43.3	comm	0.2.2
aiohttp	3.9.5	blas	1.0	conda	24.3.0
aiosignal	1.2.0	bleach	4.1.0	conda-content-trust	0.2.0
alumentations	1.0.3	blinker	1.6.2	conda-libmamba-solver	24.7.0
alembic	1.8.1	blosc	1.21.3	conda-package-handling	2.2.0
altair	5.0.1	bokeh	3.2.1	conda-package-streaming	0.9.0
anaconda-anon-usage	0.4.4	boltons	23.0.0	confection	0.1.4
annotated-types	0.6.0	boost	1.82.0	cons	0.4.6
ansicolors	1.1.8	boost-cpp	1.82.0	contourpy	1.2.0
anyio	3.5.0	boto3	1.24.28	cryptography	42.0.5
anywidget	0.9.13	botocore	1.27.59	cuda-toolkit	11.8.0
aom	3.6.0	bottleneck	1.3.5	cudnn	8.7.0.84
arcgis	2.4.0	brotli	1.0.9	cumm	0.4.11
arcgis-mapping	4.30.0	brotli-bin	1.0.9	cupti	11.8.0
arcgis-notebooks-extension	1.0.1	brotli-python	1.0.9	cycler	0.11.0
arcgis-server-py3	11.4.0	brunslis	0.1	cymem	2.0.6
archspec	0.2.3	bzip2	1.0.8	cython	0.29.33
argon2-cffi	21.3.0	c-ares	1.19.1	cython-blis	0.7.9
argon2-cffi-bindings	21.2.0	c-blosc2	2.12.0	cytoolz	0.12.2
arrow	1.3.0	ca-certificates	2024.9.24	dask	2024.5.0
arrow-cpp	14.0.2	cachetools	5.3.3	dask-core	2024.5.0
arviz	0.17.1	cairo	1.16.0	dask-expr	1.1.0
asttokens	2.0.5	catalogue	2.0.10	dask-glm	0.2.0
astunparse	1.6.3	catboost	1.2.3	dask-ml	2023.3.24
async-lru	2.0.4	category-encoders	2.2.2	datasets	2.16.1
atk-1.0	2.36.0	ccimport	0.4.2	dav1d	1.2.1
atomicwrites	1.4.0	certifi	2024.8.30	dbus	1.13.18
attrs	23.1.0	cffi	1.16.0	debugpy	1.6.7
aws-c-auth	0.6.19	cfitsio	3.470	decorator	5.1.1
aws-c-cal	0.5.20	cftime	1.6.2	defusedxml	0.7.1
aws-c-common	0.8.5	chardet	4.0.0	descartes	1.1.0
aws-c-compression	0.2.16	charls	2.2.0	detreg	1.0.0
aws-c-event-stream	0.2.15	charset-normalizer	2.0.4	dill	0.3.7
aws-c-http	0.6.25	click	8.1.7	distributed	2024.5.0
aws-c-io	0.13.10	click-plugins	1.1.1	distro	1.8.0
aws-c-mqtt	0.7.13	cliff	3.8.0	dm-tree	0.1.7
aws-c-s3	0.1.51	cligj	0.7.2		
		cloudpathlib	0.16.0		



02  
03  
04  
05  
06  
07  
08  
09  
10  
11

# ArcGIS Notebook Services on Kubernetes Runtime

Python 3 Advanced | Version 11.0

Library Name	Version	Library Name	Version	Library Name	Version
dtreeviz	1.3.7	glog	0.5.0	jaraco.classes	3.2.1
einops	0.7.0	gmp	6.2.1	jasper	4.2.4
ensemble-boxes	1.0.8	gmpy2	2.1.2	jedi	0.18.2
entrypoints	0.4	gnutls	3.6.15	jeepney	0.7.1
et_xmlfile	1.1.0	gobject-introspection	1.78.1	jinja2	3.1.4
etuples	0.3.9	google-auth	2.29.0	jmespath	1.0.1
exceptiongroup	1.0.0rc9	google-auth-oauthlib	0.5.2	joblib	1.4.2
executing	0.8.3	google-pasta	0.2.0	jpeg	9e
expat	2.6.3	graphite2	1.3.14	js2py	0.74
fairlearn	0.8.0	graphviz	8.1.0	json-c	0.16
fastai	1.0.63	greenlet	3.0.1	json5	0.9.25
fastprogress	0.2.3	grpc-cpp	1.48.2	jsonpatch	1.33
fasttext	0.9.2	grpcio	1.48.2	jsonpointer	2.1
ffmpeg	6.1.1	gtk2	2.24.33	jsonschema	4.19.2
filelock	3.13.1	gts	0.7.6	jsonschema-specifications	2023.7.1
fiona	1.9.5	h11	0.14.0	jupyter-lsp	2.2.0
fire	0.4.0	h3-py	3.7.6	jupyter_client	7.4.9
fmt	9.1.0	h5netcdf	1.2.0	jupyter_core	5.5.1
font-ttf-dejavu-sans-mono	2.37	h5py	3.11.0	jupyter_events	0.10.0
font-ttf-inconsolata	2.001	harfbuzz	4.3.0	jupyter_server	2.14.2
font-ttf-source-code-pro	2.030	hdf4	4.2.13	jupyter_server_terminals	0.4.4
font-ttf-ubuntu	0.83	hdf5	1.14.4.3	jupyterlab	4.2.4
fontconfig	2.14.1	holoviews	1.17.1	jupyterlab_pygments	0.3.0
fonts-anaconda	1	html5lib	1.1	jupyterlab_server	2.27.3
fonts-conda-ecosystem	1	httpcore	1.0.2	jupyterlab_widgets	3.0.13
fonttools	4.51.0	httpx	0.27.0	jxrlib	1.1
fqdn	1.5.1	huggingface_hub	0.24.3	kealib	1.5.0
freelglut	3.4.0	humanfriendly	10.0	keras	2.13.1
freetype	2.12.1	icu	73.1	keyring	23.13.1
freexl	2.0.0	idna	3.4	kiwisolver	1.4.4
fribidi	1.0.10	imagecodecs	2023.1.23	krb5	1.20.1
frozenlist	1.4.0	imageio	2.33.1	lame	3.100
fsspec	2024.6.1	imgaug	0.4.0	langcodes	3.3.0
future	0.18.3	importlib-metadata	7.0.1	lark	1.1.2
gast	0.5.3	importlib_metadata	7.0.1	laspy	1.7.1
gdal	3.8.3	importlib_resources	6.4.0	lazy_loader	0.4
gdk-pixbuf	2.42.10	iniconfig	1.1.1	lcms2	2.12
geomet	1.0.0	inplace-abn	1.1.0	ld_impl_linux-64	2.38
geos	3.8.0	intel-openmp	2023.1.0	lerc	3.0
geotiff	1.7.0	ipykernel	6.25.0	libaec	1.0.4
gflags	2.2.2	ipyml	0.9.3	libarchive	3.6.2
giflib	5.2.1	ipython	8.18.1	libavif	0.11.1
glib	2.78.4	ipython_genutils	0.2.0	libboost	1.82.0
glib-tools	2.78.4	ipywidgets	8.1.2	libbrotlicommon	1.0.9
		isodate	0.6.0		
		isoduration	20.11.0		

02  
03  
04  
05  
06  
07  
08  
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10  
11



# ArcGIS Notebook Services on Kubernetes Runtime

Python 3 Advanced | Version 11.0

Library Name	Version	Library Name	Version	Library Name	Version
libbrotlidec	1.0.9	libwebp-base	1.3.2	mpmath	1.3.0
libbrotlienc	1.0.9	libxcb	1.15	msgpack-python	1.0.3
libclang	14.0.6	libxgboost	1.7.3	msrest	0.6.21
libclang13	14.0.6	libxml2	2.10.4	multidict	6.0.4
libcurl	8.5.0	libxslt	1.1.41	multipledispatch	0.6.0
libdeflate	1.17	libzip	1.8.0	multiprocess	0.70.15
libedit	3.1.20230828	libzopfli	1.0.3	munch	2.5.0
libev	4.33	lightgbm	4.5.0	murmurhash	1.0.7
libevent	2.1.12	linkify-it-py	2.0.0	nbclient	0.8.0
libffi	3.4.4	llvmlite	0.41.0	nbconvert	7.16.4
libgcc-ng	11.2.0	locket	1.0.0	nbformat	5.10.4
libgd	2.3.3	logical-unification	0.4.6	ncurses	6.4
libgdal	3.8.3	lxml	5.2.1	nest-asyncio	1.6.0
libgfortran-ng	11.2.0	lz4	4.3.2	netcdf4	1.6.2
libgfortran5	11.2.0	lz4-c	1.9.4	nettle	3.7.3
libglib	2.78.4	magma-cuda118	2.6.1	networkx	3.3
libglu	9.0.0	mako	1.2.3	neural-structured-learning	1.4.0
libgomp	11.2.0	markdown	3.4.1	ninja	1.10.2
libiconv	1.16	markdown-it-py	2.2.0	ninja-base	1.10.2
libidn2	2.3.4	markupsafe	2.1.3	ninja_syntax	1.7.2
libjpeg-turbo	2.0.0	matplotlib	3.6.3	nose	1.3.7
libllvm14	14.0.6	matplotlib-base	3.6.3	notebook	7.2.1
libmamba	1.5.8	matplotlib-inline	0.1.6	notebook-shim	0.2.4
libmambapy	1.5.8	mdit-py-plugins	0.3.0	numba	0.58.1
libnetcdf	4.9.2	mdurl	0.1.0	numexpr	2.8.4
libnghttp2	1.57.0	menuinst	2.0.2	numpy	1.24.3
libopencv	4.8.1	metis	5.1.0	numpy-base	1.24.3
libopus	1.3.1	minikanren	1.0.3	nuscenes-devkit	1.1.3
libpng	1.6.39	minizip	4.0.3	nvdiia-ml-py3	7.352.0
libpq	12.17	mistune	2.0.4	oauthlib	3.2.2
libprotobuf	3.20.3	mkl	2023.1.0	onnx	1.13.1
librsvg	2.54.4	mkl-service	2.4.0	onnx-tf	1.9.0
libsodium	1.0.18	mkl_fft	1.3.10	onnxruntime	1.17.1
libsolv	0.7.24	mkl_random	1.2.7	opencv	4.8.1
libspatialindex	1.9.3	mljar-supervised	0.11.2	openh264	2.1.1
libspatialite	5.1.0	mmcv	2.0.1	openjpeg	2.5.2
libssh2	1.10.0	mmdet	3.1.0	openpyxl	3.0.10
libstdc++-ng	11.2.0	mmdet3d	1.2.0	openssl	3.0.15
libtasn1	4.19.0	mmengine	0.8.5	opt-einsum	3.3.0
libthrift	0.15.0	mmsegmentation	1.1.2	optuna	3.0.4
libtiff	4.5.1	more-itertools	10.3.0	orc	1.7.4
libtool	2.4.6	motmetrics	1.1.3	overrides	7.4.0
libunistring	0.9.10	mpc	1.1.0	packaging	23.2
libuuid	1.41.5	mpfr	4.0.2	pandas	2.0.2
libvpx	1.13.1	mpi	1.0	pandocfilters	1.5.0
libwebp	1.3.2	mpich	4.1.1		

02  
03  
04  
05  
06  
07  
08  
09  
10  
11

# ArcGIS Notebook Services on Kubernetes Runtime

Python 3 Advanced | Version 11.0

Library Name	Version	Library Name	Version	Library Name	Version
panel	1.2.3	pydantic-core	2.10.1	requests-kerberos	0.14.0
pango	1.50.7	pygments	2.18.0	requests-oauthlib	2.0.0
papermill	2.6.0	pyjsparser	2.7.1	requests-toolbelt	1.0.0
param	1.13.0	pyjwt	2.4.0	rfc3339-validator	0.1.4
parso	0.8.3	pykerberos	1.2.1	rfc3986-validator	0.1.1
partd	1.4.1	pylerc	4.0	rich	13.3.5
patsy	0.5.3	pymc	5.6.1	rpds-py	0.10.6
pbr	5.6.0	pyopenssl	24.2.1	rsa	4.7.2
pccm	0.4.11	pyparsing	3.1.2	rtree	1.0.1
pcre2	10.42	pypdf	4.3.1	ruamel.yaml	0.17.21
pexpect	4.8.0	pypdf2	1.26.0	ruamel.yaml.clib	0.2.8
pickleshare	0.7.5	pyperclip	1.8.2	s2n	1.3.27
pillow	10.4.0	pyproj	3.6.1	s3transfer	0.6.0
pip	23.3.1	pyquaternion	0.9.9	safetensors	0.4.4
pixman	0.40.0	pyshp	2.1.3	scikit-image	0.20.0
platformdirs	3.10.0	pysocks	1.7.1	scikit-learn	1.3.0
plotly	5.19.0	pyspnego	0.9.2	scikit-plot	0.3.7
pluggy	1.0.0	pytables	3.9.2	scipy	1.11.3
portalocker	2.3.0	pytensor	2.12.3	seaborn	0.12.2
portaudio	19.6.0	pytest	7.4.4	secretstorage	3.3.1
postgresql	12.17	python	3.11.9	send2trash	1.8.2
prshed	3.0.6	python-dateutil	2.9.0post0	sentencepiece	0.1.99
prettytable	2.1.0	python-fastjsonschema	2.16.2	setuptools	68.2.2
proj	9.3.1	python-flatbuffers	23.5.26	shap	0.42.1
prometheus_client	0.20.0	python-graphviz	0.20.1	shapely	2.0.1
prompt-toolkit	3.0.47	python-gssapi	1.8.1	shellingham	1.5.0
protobuf	3.20.3	python-gssapi	1.8.1	simplejson	3.19.2
psutil	5.9.0	python-json-logger	2.0.7	six	1.16.0
psynal	0.11.0	python-sounddevice	0.4.4	slicer	0.0.7
ptyprocess	0.7.0	python-xxhash	2.0.2	smart_open	5.2.1
pure_eval	0.2.2	pytorch	2.0.1	snappy	1.2.1
puremagic	1.15	pytz	2024.1	sniffio	1.3.0
py-boost	1.82.0	pyviz_comms	3.0.2	snuggs	1.4.7
py-cpuinfo	9.0.0	pywavelets	1.7.0	sortedcontainers	2.4.0
py-opencv	4.8.1	pyyaml	6.0.1	soupsieve	2.5
py-xgboost	1.7.3	pymzq	25.1.2	spacy	3.7.2
pyarrow	14.0.2	rasterio	1.3.9	spacy-legacy	3.0.12
pyasn1	0.4.8	rasterstats	0.19.0	spacy-loggers	1.0.4
pyasn1-modules	0.2.8	re2	2022.04.01	spconv	2.3.6
pybind11	2.12.0	readline	8.2	sqlalchemy	2.0.21
pybind11-abi	4	referencing	0.30.2	sqlite	3.41.2
pybind11-global	2.12.0	regex	2024.9.11	srsly	2.4.8
pycocotools	2.0.7	reproc	14.2.4	stack_data	0.5.1
pycosat	0.6.6	reproc-cpp	14.2.4	statsmodels	0.14.0
pycparser	2.21	requests	2.31.0	stevedore	5.1.0
pydantic	2.4.2	requests-gssapi	1.2.3	sympy	1.11.1

02  
03  
04  
05  
06  
07  
08  
09  
10  
11

# ArcGIS Notebook Services on Kubernetes Runtime

Python 3 Advanced | Version 11.0

Library Name	Version	Library Name	Version
tabulate	0.9.0	typing-extensions	4.11.0
tbb	2021.8.0	typing_extensions	4.11.0
tblib	1.7.0	tzdata	2024a
tenacity	8.2.3	tzlocal	5.2
tensorboard	2.13.0	uc-micro-py	1.0.1
tensorboard-da- ta-server	0.7.0	ujson	5.4.0
tensor- board-plugin-wit	1.6.0	unicodedata2	15.1.0
tensorboardx	2.6.2.2	uri-template	1.3.0
tensorflow	2.13.0	urllib3	1.26.19
tensorflow-addons	0.22.0	utf8proc	2.6.1
tensorflow-estimator	2.13.0	wasabi	0.9.1
tensorflow-hub	0.16.1	watchfiles	0.21.0
tensorflow-model-op- timization	0.7.5	wcwidth	0.2.5
termcolor	2.1.0	weasel	0.3.4
terminado	0.17.1	webcolors	24.8.0
terminaltables	3.1.0	webencodings	0.5.1
tflite-model-maker	0.3.4	websocket-client	1.8.0
tflite-support	0.4.4	werkzeug	3.0.3
thinc	8.2.2	wheel	0.41.2
threadpoolctl	3.5.0	widetsnbextension	4.0.10
tifffile	2023.4.12	wordcloud	1.9.2
tiledb	2.3.3	wrapt	1.14.1
timm	0.4.12	xarray	2023.6.0
tinycss2	1.1.1	xarray-einstats	0.6.0
tk	8.6.12	xerces-c	3.2.4
tokenizers	0.19.1	xgboost	1.7.3
tomli	2.0.1	xlrd	2.0.1
toolz	0.12.0	xlwt	1.3.0
torch-cluster	1.6.3	xmltodict	0.13.0
torch-geometric	2.4.0	xxhash	0.8.0
torch-scatter	2.1.2	xyzservices	2022.9.0
torch-sparse	0.6.18	xz	5.4.6
torch-spline-conv	1.2.2	yaml	0.2.5
torchvision	0.15.2	yaml-cpp	0.8.0
tornado	6.4.1	yapf	0.40.2
tqdm	4.65.0	yaml	1.11.0
traitlets	5.14.3	zeromq	4.3.5
transformers	4.43.4	zfp	1.0.0
trimesh	2.35.39	zict	3.0.0
truststore	0.8.0	zipp	3.17.0
typeguard	2.13.0	zlib	1.2.13
typer	0.9.0	zlib-ng	2.0.7
types-python-dateutil	2.9.0.20241003	zstandard	0.19.0
		zstd	1.5.5