

## Release Notes: Free and Open Source Software (FOSS) Notice file

This document contains licensing information about free, open source software (FOSS) included with **Infosys-Generative-AI-Framework v 2.0.0**

FOSS COMPONENT NAME	FOSS LICENSE	FOSS SOURCE CODE
aiohappyeyeballs 2.4.0	Python License 2.0.1	<a href="https://github.com/bdraco/aiohappyeyeballs">https://github.com/bdraco/aiohappyeyeballs</a>
aiohttp 3.10.5	Apache License 2.0	<a href="http://aiohttp.readthedocs.io">http://aiohttp.readthedocs.io</a>
aiosignal 1.3.1	Apache License 2.0	<a href="https://github.com/aio-libs/aiosignal">https://github.com/aio-libs/aiosignal</a>
anyio 4.4.0	MIT License	<a href="https://pypi.org/project/anyio/">https://pypi.org/project/anyio/</a>
appdirs 1.4.4	MIT License	<a href="http://pypi.python.org/pypi/appdirs">http://pypi.python.org/pypi/appdirs</a>
argon2-cffi 23.1.0	MIT License	<a href="https://argon2-cffi.readthedocs.io/">https://argon2-cffi.readthedocs.io/</a>
argon2-cffi-bindings 21.2.0	MIT License	<a href="https://github.com/hynek/argon2-cffi-bindings">https://github.com/hynek/argon2-cffi-bindings</a>
asttokens 2.4.1	Apache License 2.0	<a href="https://pypi.org/project/asttokens/">https://pypi.org/project/asttokens/</a>
async-lru 2.0.4	MIT License	<a href="https://github.com/aio-libs/async_lru">https://github.com/aio-libs/async_lru</a>
async-timeout 4.0.3	Apache License 2.0	<a href="https://github.com/aio-libs/async_timeout/">https://github.com/aio-libs/async_timeout/</a>
atomicwrites 1.4.1	MIT License	<a href="https://github.com/untitaker/python-atomicwrites">https://github.com/untitaker/python-atomicwrites</a>
audioread 3.0.1	MIT License	<a href="http://pypi.python.org/pypi/audioread/">http://pypi.python.org/pypi/audioread/</a>
autopep8 1.5.1	Expat License	<a href="https://pypi.python.org/pypi/autopep8/">https://pypi.python.org/pypi/autopep8/</a>
babel 2.16.0	BSD 3-clause "New" or "Revised" License	<a href="https://babel.pocoo.org/">https://babel.pocoo.org/</a>
BeautifulSoup4 4.12.3	MIT License	<a href="https://github.com/il-vladislav/BeautifulSoup4">https://github.com/il-vladislav/BeautifulSoup4</a>
blis 0.7.11	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/spacy-io/cython-blis">https://github.com/spacy-io/cython-blis</a>
catalogue 2.0.10	MIT License	<a href="http://pypi.python.org/pypi/catalogue">http://pypi.python.org/pypi/catalogue</a>
Click - Python Command Line Utility 8.1.7	BSD 3-clause "New" or "Revised" License	<a href="http://click.pocoo.org/">http://click.pocoo.org/</a>
client_python 0.20.0	Apache License 2.0	<a href="https://github.com/prometheus/client_python">https://github.com/prometheus/client_python</a>
cloudpathlib 0.16.0	MIT License	<a href="https://github.com/drivendataorg/cloudpathlib">https://github.com/drivendataorg/cloudpathlib</a>
colorama 0.4.6	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/tartley/colorama">https://github.com/tartley/colorama</a>
comm 0.2.2	BSD 3-clause "New" or "Revised" License	<a href="https://pypi.org/project/comm/">https://pypi.org/project/comm/</a>
confection 0.1.5	MIT License	<a href="https://github.com/explosion/confection">https://github.com/explosion/confection</a>
Coverage 7.6.1	Apache License 2.0	<a href="http://nedbatchelder.com/code/modules/coverage.html">http://nedbatchelder.com/code/modules/coverage.html</a>
crsmithdev/arrow 1.3.0	Apache License 2.0	<a href="https://github.com/crsmithdev/arrow">https://github.com/crsmithdev/arrow</a>

Notice file

cymem 2.0.8	MIT License	<a href="http://github.com/sylog1sm/cymem">http://github.com/sylog1sm/cymem</a>
debugpy 1.8.5	MIT License	<a href="https://aka.ms/ptvs">https://aka.ms/ptvs</a>
defusedxml v0.7.1	Python Software Foundation License 2.0	<a href="https://github.com/tiran/defusedxml">https://github.com/tiran/defusedxml</a>
et-xmlfile 1.1.0	MIT License	<a href="https://foss.heptapod.net/openpyxl/et_xmlfile">https://foss.heptapod.net/openpyxl/et_xmlfile</a>
exceptiongroup 1.2.2	MIT License	<a href="https://github.com/python-trio/exceptiongroup">https://github.com/python-trio/exceptiongroup</a>
fastjsonschema 2.20.0	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/seznam/python-fastjsonschema">https://github.com/seznam/python-fastjsonschema</a>
fqdn 1.5.1	Mozilla Public License 2.0	<a href="https://github.com/0x6768/fqdn">https://github.com/0x6768/fqdn</a>
frozenlist 1.4.1	Apache License 2.0	<a href="https://github.com/aio-libs/frozenlist">https://github.com/aio-libs/frozenlist</a>
fsspec 2024.6.1	BSD 3-clause "New" or "Revised" License	<a href="http://github.com/martindurant/filesystem_spec">http://github.com/martindurant/filesystem_spec</a>
h11 0.14.0	MIT License	<a href="https://github.com/njsmith/h11">https://github.com/njsmith/h11</a>
httpcore 1.0.5	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/encode/httpcore">https://github.com/encode/httpcore</a>
httpx 0.27.2	BSD 3-clause "New" or "Revised" License	<a href="https://www.python-httpx.org/">https://www.python-httpx.org/</a>
huggingface-hub 0.24.6	Apache License 2.0	<a href="https://github.com/huggingface/huggingface_hub">https://github.com/huggingface/huggingface_hub</a>
idna 3.8	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/kjd/idna">https://github.com/kjd/idna</a>
ipykernel 6.29.5	BSD 3-clause "New" or "Revised" License	<a href="http://ipython.org">http://ipython.org</a>
isoduration 20.11.0	ISC License	<a href="https://github.com/bolsote/isoduration">https://github.com/bolsote/isoduration</a>
jedi 0.19.1	MIT License	<a href="https://github.com/davidhalter/jedi">https://github.com/davidhalter/jedi</a>
Jinja 3.1.4	BSD 3-clause "New" or "Revised" License	<a href="http://jinja.pocoo.org/">http://jinja.pocoo.org/</a>
joblib 1.4.2	BSD 3-clause "New" or "Revised" License	<a href="http://packages.python.org/joblib/">http://packages.python.org/joblib/</a>
jsocol's bleach 6.1.0	Apache License 2.0	<a href="http://github.com/jsocol/bleach">http://github.com/jsocol/bleach</a>
jsonschema-specifications 2023.12.1	MIT License	<a href="https://pypi.org/project/jsonschema-specifications/">https://pypi.org/project/jsonschema-specifications/</a>
jupyter-events 0.10.0	BSD 3-clause "New" or "Revised" License	<a href="https://pypi.org/project/jupyter-events/">https://pypi.org/project/jupyter-events/</a>

jupyter-lsp 2.2.5	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/krassowski/jupyterlab-lsp">https://github.com/krassowski/jupyterlab-lsp</a>
jupyter-server-terminals 0.5.3	BSD 3-clause "New" or "Revised" License	<a href="https://jupyter.org">https://jupyter.org</a>
jupyter-server/jupyter_server 2.14.2	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/jupyter/jupyter_server">https://github.com/jupyter/jupyter_server</a>
jupyter_client 8.6.2	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/jupyter/jupyter_client">https://github.com/jupyter/jupyter_client</a>
jupyter_core 5.7.2	BSD 3-clause "New" or "Revised" License	<a href="http://jupyter-core.readthedocs.org/">http://jupyter-core.readthedocs.org/</a>
jupyterlab 4.2.4	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/jupyterlab/jupyterlab">https://github.com/jupyterlab/jupyterlab</a>
jupyterlab-pygments 0.3.0	BSD 3-clause "New" or "Revised" License	<a href="http://jupyter.org">http://jupyter.org</a>
jupyterlab-server 2.27.3	BSD 3-clause "New" or "Revised" License	<a href="http://jupyter.org">http://jupyter.org</a>
langcodes 3.4.0	MIT License	<a href="http://github.com/LuminosoInsight/langcodes">http://github.com/LuminosoInsight/langcodes</a>
language-data 1.2.0	MIT License	<a href="http://github.com/LuminosoInsight/language_data">http://github.com/LuminosoInsight/language_data</a>
lazy-loader 0.4	BSD 3-clause "New" or "Revised" License	<a href="https://pypi.org/project/lazy-loader/">https://pypi.org/project/lazy-loader/</a>
librosa 0.10.0.post2	ISC License	<a href="https://github.com/bmcfee/librosa">https://github.com/bmcfee/librosa</a>
liris/websocket-client 1.8.0	Apache License 2.0	<a href="https://github.com/liris/websocket-client">https://github.com/liris/websocket-client</a>
llvmlite 0.43.0	BSD 3-clause "New" or "Revised" License	<a href="http://llvmlite.pydata.org">http://llvmlite.pydata.org</a>
marisa-trie 1.2.0	MIT License	<a href="http://pypi.python.org/pypi/marisa-trie/">http://pypi.python.org/pypi/marisa-trie/</a>
MarkupSafe 2.1.5	BSD 3-clause "New" or "Revised" License	<a href="https://www.palletsprojects.com/p/markupsafe/">https://www.palletsprojects.com/p/markupsafe/</a>
matplotlib-inline 0.1.7	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/martinRenou/matplotlib-inline">https://github.com/martinRenou/matplotlib-inline</a>
Mistune 3.0.2	BSD 3-clause "New" or "Revised" License	<a href="http://mistune.readthedocs.org/">http://mistune.readthedocs.org/</a>

mpmath 1.3.0	BSD 3-clause "New" or "Revised" License	<a href="http://code.google.com/p/mpmath/">http://code.google.com/p/mpmath/</a>
msgpack 1.0.8	Apache License 2.0	<a href="http://msgpack.org/">http://msgpack.org/</a>
multidict 6.0.5	Apache License 2.0	<a href="https://github.com/aio-libs/multidict/">https://github.com/aio-libs/multidict/</a>
murmurhash 1.0.10	MIT License	<a href="http://pypi.python.org/pypi/murmurhash">http://pypi.python.org/pypi/murmurhash</a>
nbclient 0.10.0	BSD 3-clause "New" or "Revised" License	<a href="https://jupyter.org">https://jupyter.org</a>
nbconvert 7.16.4	BSD 3-clause "New" or "Revised" License	<a href="http://jupyter.org">http://jupyter.org</a>
nbformat 5.10.4	BSD 3-clause "New" or "Revised" License	<a href="http://nbformat.readthedocs.org/">http://nbformat.readthedocs.org/</a>
nest-asyncio 1.6.0	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/erdewit/nest_asyncio">https://github.com/erdewit/nest_asyncio</a>
NetworkX 3.3	BSD 3-clause "New" or "Revised" License	<a href="https://networkx.github.io/">https://networkx.github.io/</a>
notebook-shim 0.2.4	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/Zsailer/notebook_shim">https://github.com/Zsailer/notebook_shim</a>
numba 0.60.0	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/ContinuumIO/numba">https://github.com/ContinuumIO/numba</a>
NumPy 1.23.5	BSD 3-clause "New" or "Revised" License	<a href="https://numpy.org/">https://numpy.org/</a>
openai 0.27.1	MIT License	<a href="https://github.com/openai/openai-python">https://github.com/openai/openai-python</a>
openpyxl 3.1.2	MIT License	<a href="http://openpyxl.readthedocs.org">http://openpyxl.readthedocs.org</a>
overrides 7.7.0	Apache License 2.0	<a href="https://github.com/mkorpela/overrides">https://github.com/mkorpela/overrides</a>
Packaging 24.1	(Apache License 2.0 AND BSD 3- clause "New" or "Revised" License)	<a href="https://github.com/pypa/packaging">https://github.com/pypa/packaging</a>
pandas-python 1.5.3	BSD 3-clause "New" or "Revised" License	<a href="https://pandas.pydata.org">https://pandas.pydata.org</a>
pandocfilters 1.5.1	BSD 3-clause "New" or "Revised" License	<a href="http://github.com/jgm/pandocfilters">http://github.com/jgm/pandocfilters</a>
parso 0.8.4	MIT License	<a href="https://github.com/davidhalter/parso">https://github.com/davidhalter/parso</a>
pip 24.2	MIT License	<a href="http://www.pip-installer.org/">http://www.pip-installer.org/</a>
platformdirs 4.2.2	MIT License	<a href="https://github.com/platformdirs/platformdirs">https://github.com/platformdirs/platformdirs</a>

pooch 1.6.0	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/fatiando/pooch">https://github.com/fatiando/pooch</a>
preshed 3.0.9	MIT License	<a href="http://github.com/syllog1sm/preshed">http://github.com/syllog1sm/preshed</a>
prompt-toolkit/python- prompt-toolkit 3.0.47	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/prompt-toolkit/python-prompt-toolkit">https://github.com/prompt-toolkit/python-prompt-toolkit</a>
psf-requests 2.32.3	Apache License 2.0	<a href="http://docs.python-requests.org">http://docs.python-requests.org</a>
psutil 6.0.0	BSD 3-clause "New" or "Revised" License	<a href="http://code.google.com/p/psutil/">http://code.google.com/p/psutil/</a>
pure-eval 0.2.3	MIT License	<a href="http://github.com/alexmojaki/pure_eval">http://github.com/alexmojaki/pure_eval</a>
py 1.11.0	MIT License	<a href="http://pylib.readthedocs.org/">http://pylib.readthedocs.org/</a>
py-filelock 3.15.4	Public Domain	<a href="https://github.com/benediktschmitt/py-filelock">https://github.com/benediktschmitt/py-filelock</a>
pycodestyle 2.12.1	MIT License	<a href="https://pypi.python.org/pypi/pycodestyle">https://pypi.python.org/pypi/pycodestyle</a>
pycparser 2.22	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/eliben/pycparser">https://github.com/eliben/pycparser</a>
pydantic 1.10.7	MIT License	<a href="https://pydantic-docs.helpmanual.io/">https://pydantic-docs.helpmanual.io/</a>
Pygments - Python syntax highlighter 2.18.0	BSD 2-clause "Simplified" License	<a href="http://pygments.org/">http://pygments.org/</a>
pyjson5 0.9.25	Apache License 2.0	<a href="https://github.com/dpranke/pyjson5">https://github.com/dpranke/pyjson5</a>
PyPDF2 3.0.1	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/mstamy2/PyPDF2">https://github.com/mstamy2/PyPDF2</a>
pytest 6.2.5	MIT License	<a href="http://pytest.org">http://pytest.org</a>
pytest-cov v2.12.1	MIT License	<a href="https://github.com/schlarmar/pytest-cov">https://github.com/schlarmar/pytest-cov</a>
python cffi 1.17.0	MIT License	<a href="https://cffi.readthedocs.io/en/latest/index.html">https://cffi.readthedocs.io/en/latest/index.html</a>
Python six 1.16.0	MIT License	<a href="http://pypi.python.org/pypi/six">http://pypi.python.org/pypi/six</a>
python-attrs 24.2.0	MIT License	<a href="https://attrs.readthedocs.org/">https://attrs.readthedocs.org/</a>
python-dateutil 2.9.0.post0	(Apache License 2.0 OR BSD 3- clause "New" or "Revised" License)	<a href="https://github.com/dateutil/dateutil">https://github.com/dateutil/dateutil</a>
python-decorator 5.1.1	BSD 3-clause "New" or "Revised" License	<a href="http://pypi.python.org/pypi/decorator/">http://pypi.python.org/pypi/decorator/</a>
python-dotenv 1.0.0	BSD 3-clause "New" or "Revised" License	<a href="http://github.com/theskumar/python-dotenv">http://github.com/theskumar/python-dotenv</a>
python-json-logger 2.0.7	BSD 3-clause "New" or "Revised" License	<a href="http://github.com/madzak/python-json-logger">http://github.com/madzak/python-json-logger</a>

python-json-pointer 3.0.0	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/stefankoegl/python-json-pointer">https://github.com/stefankoegl/python-json-pointer</a>
python-jsonschema 4.23.0	MIT License	<a href="https://python-jsonschema.readthedocs.org">https://python-jsonschema.readthedocs.org</a>
python-pluggy 1.5.0	Expat License	<a href="https://pypi.python.org/pypi/pluggy">https://pypi.python.org/pypi/pluggy</a>
python-typing-extensions 4.12.2	Python Software Foundation License 2.3	<a href="http://tracker.debian.org/pkg/python-typing-extensions">http://tracker.debian.org/pkg/python-typing-extensions</a>
python-webencodings 0.5.1	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/SimonSapin/python-webencodings">https://github.com/SimonSapin/python-webencodings</a>
python-wheel 0.44.0	MIT License	<a href="https://bitbucket.org/dholth/wheel">https://bitbucket.org/dholth/wheel</a>
python3-charset-normalizer 3.3.2	MIT License	<a href="https://github.com/ousret/charset_normalizer">https://github.com/ousret/charset_normalizer</a>
pytorch 2.0.0	BSD 3-clause "New" or "Revised" License	<a href="http://pytorch.org">http://pytorch.org</a>
PyTZ - Python Time Zone Library 2024.1	MIT License	<a href="http://pythonhosted.org/pytz/">http://pythonhosted.org/pytz/</a>
pywin32 306	Python Software Foundation License 2.0	<a href="https://github.com/mhammond/pywin32">https://github.com/mhammond/pywin32</a>
pywinpty 2.0.13	MIT License	<a href="https://github.com/spyder-ide/pywinpty">https://github.com/spyder-ide/pywinpty</a>
PyYAML 6.0.2	MIT License	<a href="https://pyyaml.org/">https://pyyaml.org/</a>
pyzmq 26.2.0	BSD 3-clause "New" or "Revised" License	<a href="http://github.com/ellisonbg/pyzmq">http://github.com/ellisonbg/pyzmq</a>
referencing 0.35.1	MIT License	<a href="https://github.com/python-jsonschema/referencing">https://github.com/python-jsonschema/referencing</a>
regex 2024.7.24	Apache License 2.0	<a href="https://github.com/cgrand/regex">https://github.com/cgrand/regex</a>
rfc3339-validator 0.1.4	MIT License	<a href="https://github.com/naimetti/rfc3339_validator">https://github.com/naimetti/rfc3339_validator</a>
rfc3986-validator 0.1.1	MIT License	<a href="https://github.com/naimetti/rfc3986-validator">https://github.com/naimetti/rfc3986-validator</a>
RonnyPfannschmidt/iniconfig 2.0.0	MIT License	<a href="https://github.com/RonnyPfannschmidt/iniconfig">https://github.com/RonnyPfannschmidt/iniconfig</a>
rpds-py 0.20.0	MIT License	<a href="https://pypi.org/project/rpds-py/">https://pypi.org/project/rpds-py/</a>
scikit-learn 1.5.1	BSD 3-clause "New" or "Revised" License	<a href="https://scikit-learn.org/">https://scikit-learn.org/</a>
SciPy 1.14.1	BSD 3-clause "New" or "Revised" License	<a href="http://www.scipy.org">http://www.scipy.org</a>
send2trash 1.8.3	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/hsoft/send2trash">https://github.com/hsoft/send2trash</a>
smart-open 6.4.0	MIT License	<a href="https://github.com/piskvorky/smart_open">https://github.com/piskvorky/smart_open</a>
sniffio 1.3.1	Apache License 2.0	<a href="https://github.com/python-trio/sniffio">https://github.com/python-trio/sniffio</a>

soundfile 0.12.1	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/bastibe/python-soundfile">https://github.com/bastibe/python-soundfile</a>
soupsieve 2.6	MIT License	<a href="https://github.com/facelessuser/soupsieve">https://github.com/facelessuser/soupsieve</a>
spacy 3.7.2	MIT License	<a href="http://honnibal.github.io/spaCy/">http://honnibal.github.io/spaCy/</a>
spacy-legacy 3.0.12	MIT License	<a href="https://spacy.io">https://spacy.io</a>
spacy-loggers 1.0.5	MIT License	<a href="https://github.com/explosion/spacy-loggers">https://github.com/explosion/spacy-loggers</a>
srsly 2.4.8	MIT License	<a href="https://github.com/explosion/srsly">https://github.com/explosion/srsly</a>
stack-data 0.6.3	MIT License	<a href="http://github.com/alexmojaki/stack_data">http://github.com/alexmojaki/stack_data</a>
SymPy 1.13.2	BSD 3-clause "New" or "Revised" License	<a href="http://sympy.org">http://sympy.org</a>
terminado 0.18.1	BSD 2-clause "Simplified" License	<a href="https://github.com/takluyver/terminado">https://github.com/takluyver/terminado</a>
thinc 8.2.5	MIT License	<a href="http://github.com/sylogism/thinc">http://github.com/sylogism/thinc</a>
threadpoolctl 3.5.0	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/joblib/threadpoolctl">https://github.com/joblib/threadpoolctl</a>
tinycss2 1.3.0	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/Kozea/tinycss2/">https://github.com/Kozea/tinycss2/</a>
to-ml 0.10.2	MIT License	<a href="https://github.com/hij1nx/to-ml">https://github.com/hij1nx/to-ml</a>
tokenizers 0.13.3	Apache License 2.0	<a href="https://github.com/huggingface/tokenizers">https://github.com/huggingface/tokenizers</a>
tomli 2.0.1	MIT License	<a href="https://github.com/hukkin/tomli">https://github.com/hukkin/tomli</a>
tornado 6.4.1	Apache License 2.0	<a href="http://www.tornadoweb.org">http://www.tornadoweb.org</a>
tqdm 4.66.5	(MIT License AND Mozilla Public License 2.0)	<a href="https://tqdm.github.io">https://tqdm.github.io</a>
Traitlets 5.14.3	BSD 3-clause "New" or "Revised" License	<a href="https://traitlets.readthedocs.io/">https://traitlets.readthedocs.io/</a>
transformers 4.27.1	Apache License 2.0	<a href="https://github.com/nvbn/___transformers___">https://github.com/nvbn/___transformers___</a>
typer 0.9.4	MIT License	<a href="https://github.com/tiangolo/typer">https://github.com/tiangolo/typer</a>
types-python-dateutil 2.9.0.20240821	Apache License 2.0	<a href="https://github.com/python/typeshed">https://github.com/python/typeshed</a>
uri-template 1.3.0	MIT License	<a href="https://github.com/plinss/uri_template/">https://github.com/plinss/uri_template/</a>
urllib3 2.2.2	MIT License	<a href="http://tracker.debian.org/pkg/python-urllib3">http://tracker.debian.org/pkg/python-urllib3</a>
wasabi 1.1.3	MIT License	<a href="https://ines.io">https://ines.io</a>
wcwidth 0.2.13	MIT License	<a href="https://pypi.python.org/pypi/wcwidth">https://pypi.python.org/pypi/wcwidth</a>
weasel 0.3.4	MIT License	<a href="http://pypi.python.org/pypi/weasel/">http://pypi.python.org/pypi/weasel/</a>
webcolors 24.8.0	BSD 3-clause "New" or "Revised" License	<a href="https://github.com/ubernostrum/webcolors">https://github.com/ubernostrum/webcolors</a>

## TEXT OF LICENSE(s)

---

### Apache License 2.0

(aiohttp 3.10.5, aiosignal 1.3.1, asttokens 2.4.1, async-timeout 4.0.3, client\_python 0.20.0, Coverage 7.6.1, crsmithdev/arrow 1.3.0, frozenlist 1.4.1, huggingface-hub 0.24.6, jsocol's bleach 6.1.0, iris/websocket-client 1.8.0, msgpack 1.0.8, multidict 6.0.5, overrides 7.7.0, Packaging 24.1, psf-requests 2.32.3, pyjson5 0.9.25, python-dateutil 2.9.0.post0, regex 2024.7.24, sniffio 1.3.1, tokenizers 0.13.3, tornado 6.4.1, transformers 4.27.1, types-python-dateutil 2.9.0.20240821)

### Apache License

Version 2.0, January 2004

=====

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

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

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

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

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity.

For the purposes of this definition, "control" means (i) the power, direct or



indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

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

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

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

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

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

"Contribution" shall mean any work of authorship, including the original version

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

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

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

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise

transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

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

- a. You must give any other recipients of the Work or Derivative Works a copy of this License; and
- b. You must cause any modified files to carry prominent notices stating that You changed the files; and
- c. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- d. If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the

attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

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

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

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required

for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

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

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

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You

may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

## END OF TERMS AND CONDITIONS

### APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner] Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

---

BSD 2-clause "Simplified" License

(Pygments - Python syntax highlighter 2.18.0, terminado 0.18.1)

BSD Two Clause License

=====

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

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

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

DAMAGE.

---

BSD 3-clause "New" or "Revised" License

(python-webencodings 0.5.1)

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

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* The names of the contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT



OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE

---

BSD 3-clause "New" or "Revised" License  
(jupyterlab 4.2.4)

Copyright (c) 2015 Project Jupyter Contributors  
All rights reserved.

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

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its

contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

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

---

BSD 3-clause "New" or "Revised" License

(babel 2.16.0, blis 0.7.11, Click - Python Command Line Utility 8.1.7, colorama 0.4.6, comm 0.2.2,  
fastjsonschema 2.20.0, fsspec 2024.6.1, httpcore 1.0.5, httpx 0.27.2, idna 3.8, ipykernel 6.29.5,  
Jinja 3.1.4, joblib 1.4.2, jupyter-events 0.10.0, jupyter-lsp 2.2.5, jupyter-server-terminals 0.5.3,  
jupyter-server/jupyter\_server 2.14.2, jupyter\_client 8.6.2, jupyter\_core 5.7.2, jupyterlab-  
pygments 0.3.0, jupyterlab-server 2.27.3, lazy-loader 0.4, llvmlite 0.43.0, MarkupSafe 2.1.5,  
matplotlib-inline 0.1.7, Mistune 3.0.2, mpmath 1.3.0, nbclient 0.10.0, nbconvert 7.16.4, nbformat  
5.10.4, nest-asyncio 1.6.0, NetworkX 3.3, notebook-shim 0.2.4, numba 0.60.0, NumPy 1.23.5,  
Packaging 24.1, pandas-python 1.5.3, pandocfilters 1.5.1, pooch 1.6.0, prompt-toolkit/python-  
prompt-toolkit 3.0.47, psutil 6.0.0, pycparser 2.22, PyPDF2 3.0.1, python-dateutil 2.9.0.post0,  
python-decorator 5.1.1, python-dotenv 1.0.0, python-json-logger 2.0.7, python-json-pointer  
3.0.0, pytorch 2.0.0, pyzmq 26.2.0, scikit-learn 1.5.1, SciPy 1.14.1, send2trash 1.8.3, soundfile  
0.12.1, SymPy 1.13.2, threadpoolctl 3.5.0, tinycss2 1.3.0, Traitlets 5.14.3, webcolors 24.8.0)

Copyright (c) <YEAR>, <OWNER>

All rights reserved.

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

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

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

---

Expat License

(autopep8 1.5.1, python-pluggy 1.5.0)

Expat License

=====

Copyright (c) 1998, 1999, 2000 Thai Open Source Software Center Ltd

and Clark Cooper

Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.

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

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

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN

Notice file

AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

---

ISC License

(isoduration 20.11.0, librosa 0.10.0.post2)

ISC License (ISCL)

=====

Copyright (c) 4-digit year, Company or Person's Name

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

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

---

MIT License

(pytest 6.2.5)

The MIT License (MIT)

Copyright (c) 2004-2020 Holger Krekel and others

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

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

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

---

MIT License

(Python six 1.16.0)

Copyright (c) 2010-2020 Benjamin Peterson

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

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

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

---

MIT License

(to-ml 0.10.2)

The MIT License

Copyright 2013-2019 William Pearson

Copyright 2015-2016 Julien Enselme

Copyright 2016 Google Inc.

Copyright 2017 Samuel Vasko

Copyright 2017 Nate Prewitt

Copyright 2017 Jack Evans

Copyright 2019 Filippo Broggin

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

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

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



## THE SOFTWARE

---

### MIT License

(argon2-ffi-bindings 21.2.0)

### The MIT License (MIT)

Copyright (c) 2021 Hynek Schlawack

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

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

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

## SOFTWARE

---

### MIT License

(py 1.11.0)

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

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

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

---

[Notice file](#)

MIT License

(pytest-cov v2.12.1)

The MIT License

Copyright (c) 2010 Meme Dough

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

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

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

---

[Notice file](#)

MIT License

(tomli 2.0.1)

MIT License

Copyright (c) 2021 Taneli Hukkinen

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

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

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

---

MIT License

(et-xmlfile 1.1.0)

This software is under the MIT Licence

=====

Copyright (c) 2010 openpyxl

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

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

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

Notice file

---

MIT License

(appdirs 1.4.4)

# This is the MIT license

Copyright (c) 2010 ActiveState Software Inc.

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

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

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

---

## MIT License

(anyio 4.4.0, argon2-cffi 23.1.0, async-lru 2.0.4, atomicwrites 1.4.1, audioread 3.0.1, BeautifulSoup4 4.12.3, catalogue 2.0.10, cloudpathlib 0.16.0, confection 0.1.5, cymem 2.0.8, debugpy 1.8.5, exceptiongroup 1.2.2, h11 0.14.0, jedi 0.19.1, jsonschema-specifications 2023.12.1, langcodes 3.4.0, language-data 1.2.0, marisa-trie 1.2.0, murmurhash 1.0.10, openai 0.27.1, openpyxl 3.1.2, parso 0.8.4, pip 24.2, platformdirs 4.2.2, preshed 3.0.9, pure-eval 0.2.3, pycodestyle 2.12.1, pydantic 1.10.7, python-cffi 1.17.0, python-attrs 24.2.0, python-jsonschema 4.23.0, python-wheel 0.44.0, python3-charset-normalizer 3.3.2, PyTZ - Python Time Zone Library 2024.1, pywinpty 2.0.13, PyYAML 6.0.2, referencing 0.35.1, RonnyPfannschmidt/iniconfig 2.0.0, rpds-py 0.20.0, smart-open 6.4.0, soupsieve 2.6, spacy 3.7.2, spacy-legacy 3.0.12, spacy-loggers 1.0.5, srsly 2.4.8, stack-data 0.6.3, thinc 8.2.5, tqdm 4.66.5, typer 0.9.4, uri-template 1.3.0, urllib3 2.2.2, wasabi 1.1.3, wcwidth 0.2.13, weasel 0.3.4)

## The MIT License

=====

Copyright (c) <year> <copyright holders>

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

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

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

---

MIT License

(rfc3339-validator 0.1.4, rfc3986-validator 0.1.1)

MIT License

Copyright (c) 2019, Nicolas Aimetti

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

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



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

---

Mozilla Public License 2.0

(fqdn 1.5.1, tqdm 4.66.5)

Mozilla Public License

Version 2.0

=====

## 1. Definitions

-----

### 1.1. "Contributor"

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

### 1.2. "Contributor Version"

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

### 1.3. "Contribution"

means Covered Software of a particular Contributor.

### 1.4. "Covered Software"

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

### 1.5. "Incompatible With Secondary Licenses"

means

a.

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

b.

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

License.

1.6. "Executable Form"

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

1.7. "Larger Work"

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

1.8. "License"

means this document.

1.9. "Licensable"

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

1.10. "Modifications"

means any of the following:

a.

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

b.

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

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

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

#### 1.12. "Secondary License"

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

#### 1.13. "Source Code Form"

means the form of the work preferred for making modifications.

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

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

## 2. License Grants and Conditions

-----

### 2.1. Grants

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

a.

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

b.

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

## 2.2. Effective Date

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

## 2.3. Limitations on Grant Scope

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

a.

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

b.

for infringements caused by: (i) Your and any other third party's

modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

c.

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

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

## 2.4. Subsequent Licenses

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

## 2.5. Representation

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

## 2.6. Fair Use

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

## 2.7. Conditions

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

## 3. Responsibilities

-----

### 3.1. Distribution of Source Form

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



### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

a.

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

b.

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

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is

not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

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

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software.

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

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

-----

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

#### 5. Termination

-----

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this

is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

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

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

## 6. Disclaimer of Warranty

-----

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of

warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

## 7. Limitation of Liability

-----

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

## 8. Litigation

-----

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference

to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

## 9. Miscellaneous

-----

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

## 10. Versions of the License

-----

### 10.1. New Versions

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

## 10.2. Effect of New Versions

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

## 10.3. Modified Versions

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

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

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

Exhibit A - Source Code Form License Notice

-----

## Notice file

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

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

You may add additional accurate notices of copyright ownership.

## Exhibit B - "Incompatible With Secondary Licenses" Notice

-----

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

---

## Public Domain

(py-filelock 3.15.4)

Public domain code is not subject to any license.

---

## Python License 2.0.1



(aiohappyeyeballs 2.4.0)

Python License 2.0.1

=====

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

-----

-----

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.
2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python 2.0.1 alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Python Software Foundation; All Rights Reserved" are retained in Python 2.0.1 alone or in any derivative version prepared by Licensee.
3. In the event Licensee prepares a derivative work that is based on or incorporates Python 2.0.1 or any part thereof, and wants to make the

derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python 2.0.1.

4. PSF is making Python 2.0.1 available to Licensee on an "AS IS" basis. PSF

MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 2.0.1 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 2.0.1 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 2.0.1, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

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

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

8. By copying, installing or otherwise using Python 2.0.1, Licensee agrees to be bound by the terms and conditions of this License Agreement.

## BEOPEN.COM LICENSE AGREEMENT FOR PYTHON 2.0

-----

-----

## BEOPEN PYTHON OPEN SOURCE LICENSE AGREEMENT VERSION 1

1. This LICENSE AGREEMENT is between BeOpen.com ("BeOpen"), having an office at 160 Saratoga Avenue, Santa Clara, CA 95051, and the Individual or Organization ("Licensee") accessing and otherwise using this software in source or binary form and its associated documentation ("the Software").
2. Subject to the terms and conditions of this BeOpen Python License Agreement, BeOpen hereby grants Licensee a non-exclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use the Software alone or in any derivative version, provided, however, that the BeOpen Python License is retained in the Software, alone or in any derivative version prepared by Licensee.
3. BeOpen is making the Software available to Licensee on an "AS IS" basis.  
BEOPEN MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, BEOPEN MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

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

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

6. This License Agreement shall be governed by and interpreted in all respects by the law of the State of California, excluding conflict of law provisions. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between BeOpen and Licensee. This License Agreement does not grant permission to use BeOpen trademarks or trade names in a trademark sense to endorse or promote products or services of Licensee, or any third party. As an exception, the "BeOpen Python" logos available at <http://www.pythonlabs.com/logos.html> may be used according to the permissions granted on that web page.

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

CNRI LICENSE AGREEMENT FOR PYTHON 1.6.1

-----

-----

1. This LICENSE AGREEMENT is between the Corporation for National Research Initiatives, having an office at 1895 Preston White Drive, Reston, VA 20191 ("CNRI"), and the Individual or Organization ("Licensee") accessing and otherwise using Python 1.6.1 software in source or binary form and its associated documentation.
2. Subject to the terms and conditions of this License Agreement, CNRI hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python 1.6.1 alone or in any derivative version, provided, however, that CNRI's License Agreement and CNRI's notice of copyright, i.e., "Copyright © 1995-2001 Corporation for National Research Initiatives; All Rights Reserved" are retained in Python 1.6.1 alone or in any derivative version prepared by Licensee. Alternately, in lieu of CNRI's License Agreement, Licensee may substitute the following text (omitting the quotes): "Python 1.6.1 is made available subject to the terms and conditions in CNRI's License Agreement. This Agreement together with Python 1.6.1 may be located on the Internet using the following unique, persistent identifier (known as a handle): 1895.22/1013. This Agreement may also be obtained from a proxy server on the Internet using the following URL: <http://hdl.handle.net/1895.22/1013>".
3. In the event Licensee prepares a derivative work that is based on or incorporates Python 1.6.1 or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to

Python 1.6.1.

4. CNRI is making Python 1.6.1 available to Licensee on an "AS IS" basis. CNRI MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, CNRI MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 1.6.1 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.
5. CNRI SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 1.6.1 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 1.6.1, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.
6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.
7. This License Agreement shall be governed by the federal intellectual property law of the United States, including without limitation the federal copyright law, and, to the extent such U.S. federal law does not apply, by the law of the Commonwealth of Virginia, excluding Virginia's conflict of law provisions. Notwithstanding the foregoing, with regard to derivative works based on Python 1.6.1 that incorporate non-separable material that was previously distributed under the GNU General Public License (GPL), the law of the Commonwealth of Virginia shall govern this License Agreement only as to issues arising under or with respect to Paragraphs 4, 5, and 7 of this License Agreement. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between CNRI

and Licensee. This License Agreement does not grant permission to use CNRI trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By clicking on the "ACCEPT" button where indicated, or by copying, installing or otherwise using Python 1.6.1, Licensee agrees to be bound by the terms and conditions of this License Agreement.

#### CWI LICENSE AGREEMENT FOR PYTHON 0.9.0 THROUGH 1.2

-----

Copyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reserved.

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

STICHTING MATHEMATISCH CENTRUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL STICHTING MATHEMATISCH CENTRUM BE LIABLE FOR ANY SPECIAL, INDIRECT OR

CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA

OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

---

Python Software Foundation License 2.0

(defusedxml v0.7.1, pywin32 306)

This license was approved as the official PSF License Version 2 on October 22, 2004. The only differences between this and version 1 of the PSF license consist of removing Python version numbers (like 2.1.1 or 2.3).

## PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

=====

-----

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



2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.
3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.
4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.
5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.
6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

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

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

---

Python Software Foundation License 2.3

(python-typing-extensions 4.12.2)

Python 2.3.3 license

=====

This is the official license for the Python 2.3.3 release:

-----

A. HISTORY OF THE SOFTWARE

-----

-----

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release

Derived    Year

[Notice file](#)

Owner      GPL-

from                      compatible? (1)    0.9.0 thru

1.2

1991-1995    CWI            yes    1.3 thru 1.5.2    1.2

1995-1999    CNRI            yes

1.6

1.5.2        2000

CNRI        no

2.0

1.6

2000        BeOpen.com    no    1.6.1

1.6

2001

CNRI        yes (2)

2.1

2.0+1.6.1 2001

PSF no 2.0.1

2.0+1.6.1 2001

PSF yes 2.1.1

2.1+2.0.1 2001

PSF yes

2.2

2.1.1 2001

PSF yes 2.1.2

2.1.1 2002

PSF yes 2.1.3

2.1.2 2002

Notice file

PSF      yes    2.2.1

2.2

2002

PSF      yes    2.2.2

2.2.1    2002

PSF      yes

2.3

2.2.2    2002-2003

PSF      yes    2.3.1

2.3      2002-2003

PSF      yes    2.3.2

2.3.1    2002-2003

PSF      yes    2.3.3

2.3.2    2002-2003

PSF      yes

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

-----

## B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON

-----

-----

---

## PSF LICENSE AGREEMENT FOR PYTHON 2.3

---

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using Python 2.3 software in source or binary form and its associated documentation.

2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python 2.3 alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003 Python Software Foundation; All Rights Reserved" are retained in Python 2.3 alone or in any derivative version prepared by Licensee.

3. In the event Licensee prepares a derivative work that is based on or incorporates Python 2.3 or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python 2.3.



4. PSF is making Python 2.3 available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 2.3 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 2.3 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 2.3, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

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

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

8. By copying, installing or otherwise using Python 2.3, Licensee agrees to be bound by the terms and conditions of this License Agreement.

---