**ANNEX 1**

**LIST OF TECHNOLOGIES UNDER LICENCE**

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| --- | --- | --- | --- |
| **SN** | **Name of Technology** | **Description of Technology** | **Remarks** |
| 1 | Xtract | Xtract and all relevant technology components. |  |

**LIST OF OPEN-SOURCED COMPONENTS INCLUDED WITH THE TECHNOLOGIES**

|  |  |  |  |
| --- | --- | --- | --- |
| **SN** | **Name of Technology** | **Name of Open-Sourced Component included with Technology** | **URL/Website of Terms and Conditions applicable to Open-Sourced Component** |
| 1 | gunicorn | MIT License | <https://github.com/benoitc/gunicorn> |
| 2 | paddlepaddle | Apache License 2.0 | <https://github.com/PaddlePaddle/Paddle> |
| 3 | pydash | MIT License | <https://github.com/dgilland/pydash> |
| 4 | boto3 | Apache License 2.0 | <https://github.com/boto/boto3/blob/develop/LICENSE> |
| 5 | optimum | Apache License 2.0 | <https://github.com/huggingface/optimum> |
| 6 | invoke | BSD-2-Clause license | <https://github.com/pyinvoke/invoke> |
| 7 | seqeval | MIT License | <https://github.com/chakki-works/seqeval> |
| 8 | PaddleOCR | Apache License 2.0 | <https://github.com/PaddlePaddle/PaddleOCR/blob/release/2.4/LICENSE> |
| 9 | pyspellchecker | MIT License | <https://github.com/barrust/pyspellchecker> |
| 10 | easyocr | Apache License 2.0 | <https://github.com/JaidedAI/EasyOCR/blob/master/LICENSE> |
| 11 | NumPy | BSD 3-Clause "New" or "Revised" License | <https://github.com/numpy/numpy/blob/main/LICENSE.txt> |
| 12 | six | MIT License | <https://github.com/numpy/numpy/blob/main/LICENSE.txt> |
| 13 | pyyaml | MIT License | <https://github.com/benjaminp/six> |
| 14 | packaging | Apache License 2.0 | <https://github.com/pypa/packaging> |
| 15 | visualdl | Apache License 2.0 | <https://github.com/PaddlePaddle/VisualDL> |
| 16 | pyclipper | MIT License | <https://github.com/fonttools/pyclipper> |
| 17 | premailer | Python Software Foundation License (Python) | <https://github.com/premailer/premailer> |
| 18 | lxml | BSD License | <https://github.com/lxml/lxml/blob/master/LICENSE.txt> |
| 19 | lmdb | OpenLDAP Public License | <https://github.com/LMDB/lmdb/blob/mdb.master/libraries/liblmdb/LICENSE> |
| 20 | shapely | BSD License | <https://github.com/shapely/shapely> |
| 21 | scipy | BSD License | <https://github.com/scipy/scipy> |
| 22 | PyTorch | BSD License | <https://github.com/pytorch/pytorch/blob/master/LICENSE> |
| 23 | imgaug | MIT License | <https://github.com/aleju/imgaug> |
| 24 | attrdict | MIT License | <https://github.com/bcj/AttrDict> |
| 25 | decorator | MIT License | <https://github.com/micheles/decorator/blob/master/LICENSE.txt> |
| 26 | tqdm | Mozilla Public Licence (MPL) v. 2.0 | <https://github.com/tqdm/tqdm/blob/master/LICENCE> |
| 27 | Transformers | Apache License 2.0 | <https://github.com/huggingface/transformers/blob/main/LICENSE> |
| 28 | astor | BSD License | <https://github.com/berkerpeksag/astor> |
| 29 | requests | Apache License 2.0 | <https://github.com/psf/requests> |
| 30 | sympy | BSD License | <https://github.com/sympy/sympy> |
| 31 | protobuf | BSD License | <https://github.com/protocolbuffers/protobuf> |
| 32 | coloredlogs | MIT License | <https://github.com/xolox/python-coloredlogs> |
| 33 | torchvision | BSD License | <https://github.com/pytorch/vision> |
| 34 | botocore | Apache License 2.0 | <https://github.com/boto/botocore> |
| 35 | jmespath | MIT License | <https://github.com/jmespath/jmespath.py> |
| 36 | s3transfer | Apache License 2.0 | <https://github.com/boto/s3transfer> |
| 37 | mpmath | BSD License | <https://github.com/fredrik-johansson/mpmath> |
| 38 | joblib | BSD License | <https://github.com/joblib/joblib> |
| 39 | idna | BSD License | <https://github.com/kjd/idna> |
| 40 | charset-normalizer | MIT License | <https://github.com/Ousret/charset_normalizer> |
| 41 | Flask-Babel | BSD License | <https://github.com/python-babel/flask-babel> |
| 42 | Flask | BSD License | <https://github.com/opentracing-contrib/python-flask/blob/master/LICENSE> |
| 43 | cssutils | GNU Library or Lesser General Public License (LGPL) | <https://github.com/opentracing-contrib/python-flask/blob/master/LICENSE> |
| 44 | cachetools | MIT License | <https://github.com/opentracing-contrib/python-flask/blob/master/LICENSE> |
| 45 | tokenizers | Apache License 2.0 | <https://github.com/huggingface/tokenizers> |
| 46 | certifi | Mozilla Public License 2.0 | <https://github.com/certifi/python-certifi> |
| 47 | threadpoolctl | BSD License | <https://github.com/joblib/threadpoolctl> |
| 48 | humanfriendly | MIT License | <https://github.com/xolox/python-humanfriendly> |
| 49 | tifffile | BSD License | <https://github.com/cgohlke/tifffile> |
| 50 | pywavelets | MIT License | <https://github.com/PyWavelets/pywt> |
| 51 | pillow | HPND | <https://github.com/python-pillow/Pillow/blob/main/LICENSE> |
| 52 | pyparsing | MIT License | <https://github.com/pyparsing/pyparsing> |
| 53 | imageio | BSD License | <https://github.com/imageio/imageio> |
| 54 | urllib3 | MIT License | <https://github.com/urllib3/urllib3> |
| 55 | future | MIT License | <https://github.com/PythonCharmers/python-future> |
| 56 | werkzeug | BSD License | <https://github.com/pallets/werkzeug> |
| 57 | pycryptodome | BSD License | <https://github.com/Legrandin/pycryptodome> |
| 58 | click | BSD License | <https://github.com/pallets/click> |
| 59 | cycler | BSD License | <https://github.com/matplotlib/cycler> |
| 60 | kiwisolver | BSD License | <https://github.com/nucleic/kiwi> |
| 61 | itsdangerous | BSD License | <https://github.com/pallets/itsdangerous> |
| 62 | jinja2 | BSD License | <https://github.com/pallets/jinja> |
| 63 | pytz | MIT License | <https://github.com/stub42/pytz> |
| 64 | markupsafe | BSD License | <https://github.com/pallets/markupsafe> |
| 65 | nltk | Apache License 2.0 | <https://github.com/nltk/nltk> |
| 66 | pydantic | MIT License | <https://github.com/nltk/nltk> |
| 67 | LayoutLM | MIT License | <https://github.com/microsoft/unilm/blob/master/LICENSE> |
| 68 | ZBar | GNU LGPL | <https://github.com/ZBar/ZBar/blob/master/LICENSE> |
| 69 | Pandas | BSD 3-Clause "New" or "Revised" License | <https://github.com/pandas-dev/pandas> |
| 70 | OpenCV2 | Apache License 2.0 | <https://github.com/opencv/opencv/blob/4.x/LICENSE> |
| 71 | jsontree | GNU General Public License v2.0 | <https://github.com/Erffun/JsonTree/blob/master/LICENSE> |
| 72 | lanms | GNU General Public License v2.0 | <https://github.com/Parquery/lanms> |
| 73 | banksy | MIT License | <https://github.com/AboutGoods/Banksy-annotation-tool/blob/master/LICENSE> |
| 74 | scikit\_learn | BSD 3-Clause "New" or "Revised" License | <https://github.com/scikit-learn/scikit-learn/blob/main/COPYING> |