

**Fujifilm Object Archive / Software-defined Tape Ver1.2**  
**Open Source Software List**

No	OSS Name	Version *	License Type	OSS URL	License URL
1	nginx	1.16.1	BSD2Clause	<a href="http://nginx.org/">http://nginx.org/</a>	<a href="http://nginx.org/LICENSE">http://nginx.org/LICENSE</a>
2	MongoDB	4.0.13	SSPL	<a href="http://www.mongodb.org">http://www.mongodb.org</a>	<a href="https://www.mongodb.com/community/licensing">https://www.mongodb.com/community/licensing</a>
3	PostgreSQL	10.11	PostgreSQL	<a href="https://www.postgresql.org/">https://www.postgresql.org/</a>	<a href="https://www.postgresql.org/about/licence/">https://www.postgresql.org/about/licence/</a>
4	apache-tomcat	9.0.22	Apache2	<a href="https://tomcat.apache.org/">https://tomcat.apache.org/</a>	<a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a>
5	node.js	v10.17.0	MIT	<a href="https://nodejs.org/en/">https://nodejs.org/en/</a>	<a href="https://raw.githubusercontent.com/nodejs/node/master/LICENSE">https://raw.githubusercontent.com/nodejs/node/master/LICENSE</a>
6	openjdk	1.8.0	GPLv2 with the Classpath Exception	<a href="http://openjdk.java.net/">http://openjdk.java.net/</a>	<a href="https://openjdk.java.net/legal/">https://openjdk.java.net/legal/</a>
7	python	3.6.8	Python	<a href="https://www.python.org/">https://www.python.org/</a>	<a href="https://docs.python.org/3/license.html">https://docs.python.org/3/license.html</a>
8	rsyslog-mmjsonparse	8.24.0	GPLv3+ and ASL 2.0	<a href="http://www.rsyslog.com/">http://www.rsyslog.com/</a>	---
9	cloudserver	8.2.1	Apache2	<a href="https://www.zenko.io/cloudserver/">https://www.zenko.io/cloudserver/</a>	<a href="https://github.com/scality/cloudserver/blob/development/8.2/LICENSE">https://github.com/scality/cloudserver/blob/development/8.2/LICENSE</a>
10	Arsenal	8.1.4	Apache2	<a href="https://www.zenko.io/cloudserver/">https://www.zenko.io/cloudserver/</a>	<a href="https://github.com/scality/Arsenal/blob/development/8.1/LICENSE">https://github.com/scality/Arsenal/blob/development/8.1/LICENSE</a>
11	async (node.js module)	2.6.3	MIT	<a href="https://caolan.github.io/async/v2/">https://caolan.github.io/async/v2/</a>	<a href="https://github.com/caolan/async/blob/master/LICENSE">https://github.com/caolan/async/blob/master/LICENSE</a>
12	MongoDB Node.JS Driver (node.js module)	3.4.0	Apache2	<a href="https://github.com/mongodb/node-mongodb-native">https://github.com/mongodb/node-mongodb-native</a>	<a href="https://github.com/mongodb/node-mongodb-native/blob/master/LICENSE.md">https://github.com/mongodb/node-mongodb-native/blob/master/LICENSE.md</a>
13	uuid (node.js module)	3.3.2	MIT	<a href="https://github.com/kelektiv/node-uuid#readme">https://github.com/kelektiv/node-uuid#readme</a>	<a href="https://github.com/kelektiv/node-uuid/blob/master/L">https://github.com/kelektiv/node-uuid/blob/master/L</a>

					<a href="#">LICENSE.md</a>
14	node-xml2js (node.js module)	0.4.19	MIT	<a href="https://github.com/Leonidas-from-XIV/node-xml2js">https://github.com/Leonidas-from-XIV/node-xml2js</a>	<a href="https://github.com/Leonidas-from-XIV/node-xml2js/blob/master/LICENSE">https://github.com/Leonidas-from-XIV/node-xml2js/blob/master/LICENSE</a>
15	node-postgres (node.js module)	7.14.0	MIT	<a href="https://github.com/brianc/node-postgres">https://github.com/brianc/node-postgres</a>	<a href="https://github.com/brianc/node-postgres/blob/master/LICENSE">https://github.com/brianc/node-postgres/blob/master/LICENSE</a>
16	pymongo	3.10.0	Apache2	<a href="https://github.com/mongodb/mongo-python-driver">https://github.com/mongodb/mongo-python-driver</a>	<a href="https://github.com/mongodb/mongo-python-driver/blob/master/LICENSE">https://github.com/mongodb/mongo-python-driver/blob/master/LICENSE</a>
17	Spring Framework	5.1.9	Apache2	<a href="https://spring.io/projects/spring-framework">https://spring.io/projects/spring-framework</a>	<a href="https://github.com/spring-projects/spring-framework/blob/master/LICENSE.txt">https://github.com/spring-projects/spring-framework/blob/master/LICENSE.txt</a>
18	springframework.security	5.1.6	Apache2	<a href="https://spring.io/projects/spring-security">https://spring.io/projects/spring-security</a>	<a href="https://docs.spring.io/spring-security/site/docs/5.1.6.RELEASE/reference/htmlsingle/#community-license">https://docs.spring.io/spring-security/site/docs/5.1.6.RELEASE/reference/htmlsingle/#community-license</a> <a href="https://github.com/spring-projects/spring-security/blob/master/license.txt">https://github.com/spring-projects/spring-security/blob/master/license.txt</a>
19	thymeleaf	3.0.4	Apache2	<a href="https://www.thymeleaf.org/">https://www.thymeleaf.org/</a>	<a href="https://www.thymeleaf.org/faq.html">https://www.thymeleaf.org/faq.html</a>
20	commons-validator	1.6	Apache2	<a href="https://commons.apache.org/proper/commons-validator/">https://commons.apache.org/proper/commons-validator/</a>	<a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a>
21	hibernate-validator	6.0.17	Apache2	<a href="https://hibernate.org/validator/">https://hibernate.org/validator/</a>	<a href="https://docs.jboss.org/hibernate/validator/6.0/reference/en-US/html_single/#preface">https://docs.jboss.org/hibernate/validator/6.0/reference/en-US/html_single/#preface</a>
22	slf4j-api	1.7.28	MIT	<a href="http://www.slf4j.org/">http://www.slf4j.org/</a>	<a href="http://www.slf4j.org/license.html">http://www.slf4j.org/license.html</a>
23	logback-classic	1.2.3	LGPLv2.1	<a href="http://logback.qos.ch/">http://logback.qos.ch/</a>	<a href="http://logback.qos.ch/license.html">http://logback.qos.ch/license.html</a>
24	janino	3.0.15	BSD3Clause	<a href="https://janino-">https://janino-</a>	

				<a href="http://compiler.github.io/janino/">compiler.github.io/janino/</a>	<a href="http://compiler.github.io/janino/#license">compiler.github.io/janino/#license</a>
25	commons-beanutils	1.9.4	Apache2	<a href="http://commons.apache.org/proper/commons-beanutils/">http://commons.apache.org/proper/commons-beanutils/</a>	<a href="http://commons.apache.org/proper/commons-beanutils/">http://commons.apache.org/proper/commons-beanutils/</a>
26	commons-configuration2	2.5	Apache2	<a href="https://commons.apache.org/proper/commons-configuration/index.html">https://commons.apache.org/proper/commons-configuration/index.html</a>	<a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a>
27	commons-lang3	3.9	Apache2	<a href="https://commons.apache.org/proper/commons-lang/">https://commons.apache.org/proper/commons-lang/</a>	<a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a>
28	commons-dbcp2	2.7.0	Apache2	<a href="https://commons.apache.org/proper/commons-dbcp/">https://commons.apache.org/proper/commons-dbcp/</a>	<a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a>
29	PostgreSQL JDBC Driver	42.2.7	BSD2Clause	<a href="https://jdbc.postgresql.org/">https://jdbc.postgresql.org/</a>	<a href="https://jdbc.postgresql.org/about/license.html">https://jdbc.postgresql.org/about/license.html</a>
30	mybatis-spring	2.0.2	Apache2	<a href="https://mybatis.org/spring/index.html">https://mybatis.org/spring/index.html</a>	<a href="https://mybatis.org/spring/licenses.html">https://mybatis.org/spring/licenses.html</a>
31	jackson-databind	2.9.9.3	Apache2	<a href="https://github.com/FasterXML/jackson-databind">https://github.com/FasterXML/jackson-databind</a>	<a href="https://github.com/FasterXML/jackson-databind/blob/master/LICENSE">https://github.com/FasterXML/jackson-databind/blob/master/LICENSE</a>
32	thymeleaf-spring5	3.0.11	Apache2	<a href="https://www.thymeleaf.org/">https://www.thymeleaf.org/</a>	<a href="https://www.thymeleaf.org/faq.html">https://www.thymeleaf.org/faq.html</a>
33	thymeleaf-extras-springsecurity5	3.0.4	Apache2	<a href="https://www.thymeleaf.org/">https://www.thymeleaf.org/</a>	<a href="https://www.thymeleaf.org/faq.html">https://www.thymeleaf.org/faq.html</a>
34	mybatis	3.5.2	Apache2	<a href="https://blog.mybatis.org/">https://blog.mybatis.org/</a>	<a href="https://blog.mybatis.org/p/about.html">https://blog.mybatis.org/p/about.html</a>
35	jq	1.5	MIT	<a href="http://stedolan.github.io/jq/">http://stedolan.github.io/jq/</a>	<a href="https://stedolan.github.io/jq/">https://stedolan.github.io/jq/</a>
36	rpmdevtools	8.3	GPLv2	<a href="https://fedoraproject.org/wiki/Rpmdevtools">https://fedoraproject.org/wiki/Rpmdevtools</a>	<a href="https://pagure.io/rpmdevtools/blob/master/f/COPYING">https://pagure.io/rpmdevtools/blob/master/f/COPYING</a>
37	postfix	2.10.1	IBM	<a href="http://www.postfix.org">http://www.postfix.org</a>	<a href="http://www.postfix.org/IBM-Public-License-1.0.txt">http://www.postfix.org/IBM-Public-License-1.0.txt</a>
38	requests	2.22.0	Apache2	<a href="http://python-requests.org">http://python-requests.org</a>	<a href="https://2.python-requests.org/en/master/user/intro/#requests-license">https://2.python-requests.org/en/master/user/intro/#requests-license</a>
39	psycopg2-binary	2.8.4	LGPL with	<a href="http://initd.org/p">http://initd.org/p</a>	<a href="http://initd.org/p">http://initd.org/p</a>

			exceptions or ZPL	<a href="https://www.pycryptodome.org/">sycopg/</a>	<a href="https://www.pycryptodome.org/en/latest/src/license.html">sycopg/license/</a>
40	pycryptodome	3.9.4	BSD2Clause	<a href="https://www.pycryptodome.org/">https://www.pycryptodome.org</a>	<a href="https://www.pycryptodome.org/en/latest/src/license.html">https://www.pycryptodome.org/en/latest/src/license.html</a>
41	OpenSSL	1.0.2k	OpenSSL	<a href="http://www.openssl.org/">http://www.openssl.org/</a>	<a href="https://www.openssl.org/source/license.html">https://www.openssl.org/source/license.html</a>
42	libuuid	Ver. 2.23.2	LGPLv2.1	<a href="https://linux.die.net/man/3/libuuid">https://linux.die.net/man/3/libuuid</a>	<a href="https://www.gnu.org/licenses/old-licenses/lgpl-2.1.html">https://www.gnu.org/licenses/old-licenses/lgpl-2.1.html</a>
43	sqlite	Ver. 3.7.17	PublicDomain	<a href="https://www.sqlite.org/index.html">https://www.sqlite.org/index.html</a>	<a href="https://sqlite.org/copyright.html">https://sqlite.org/copyright.html</a>
44	python3	Ver. 1.00	Python	<a href="https://www.python.jp/">https://www.python.jp/</a>	<a href="https://docs.python.org/3.6/license.html?highlight=license">https://docs.python.org/3.6/license.html?highlight=license</a>
45	python-devel	Ver. 1.00	Python	<a href="https://www.python.jp/">https://www.python.jp/</a>	<a href="https://docs.python.org/3.6/license.html?highlight=license">https://docs.python.org/3.6/license.html?highlight=license</a>
46	python3-psycopg2	Ver. 1.00	LGPL v3	<a href="https://www.python.jp/">https://www.python.jp/</a>	<a href="http://initd.org/psycopg/license/">http://initd.org/psycopg/license/</a>
47	picojson	Ver. 1.00	BSD2Clause	<a href="https://github.com/kazuho/picojson">https://github.com/kazuho/picojson</a>	<a href="https://opensource.org/licenses/BSD-2-Clause">https://opensource.org/licenses/BSD-2-Clause</a>
48	Apache HTTP Server	2.4.6	Apache2	<a href="http://httpd.apache.org/">http://httpd.apache.org/</a>	<a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a>
49	apr-util-pgsql	1.5.2	Apache2	<a href="http://apr.apache.org/">http://apr.apache.org/</a>	<a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a>
50	createrepo	0.9.9	GPLv2	<a href="http://createrepo.baseurl.org/">http://createrepo.baseurl.org/</a>	-
51	rpm-sign	4.11.3	GPLv2	<a href="http://www.rpm.org">http://www.rpm.org</a>	<a href="https://rpm.org/about.html">https://rpm.org/about.html</a>
52	Flask	1.1.1	BSD3Clause	<a href="https://palletsprojects.com/p/flask/">https://palletsprojects.com/p/flask/</a>	<a href="https://palletsprojects.com/license/">https://palletsprojects.com/license/</a>
53	Flask-HTTPAuth	3.3.0	MIT	<a href="http://github.com/miguelgrinberg/flask-httpauth/">http://github.com/miguelgrinberg/flask-httpauth/</a>	<a href="https://github.com/miguelgrinberg/Flask-HTTPAuth/blob/master/LICENSE">https://github.com/miguelgrinberg/Flask-HTTPAuth/blob/master/LICENSE</a>
54	pexpect	4.7.0	ISC license	<a href="https://pexpect.readthedocs.io/">https://pexpect.readthedocs.io/</a>	-
55	modern-syslog	1.2.0	MIT	<a href="https://github.com">https://github.com</a>	<a href="https://github.com">https://github.com</a>

				<a href="#">/strongloop/modern-syslog</a>	<a href="#">/strongloop/modern-syslog/blob/master/LICENSE</a>
56	mtx	1.3.12	GPLv2	<a href="https://sourceforge.net/projects/mtx/">https://sourceforge.net/projects/mtx/</a>	<a href="https://sourceforge.net/p/mtx/code/H/EAD/tree/trunk/mtx/LICENSE">https://sourceforge.net/p/mtx/code/H/EAD/tree/trunk/mtx/LICENSE</a>

**OSS that have been modified by FUJIFILM**

No.	OSS Modified	Summary of Modification
9	cloudserver	Addition of Glacier function
10	Arsenal	