

ESGF 2.0, 2.1 & 2.2 Release notes and manifests

Release notes

Infrastructure

1. Use system openssl (1.x)
2. Uses jdk 1.8.0_66
3. Postgres RPMization (postgresql-8.4.20-4)
4. Java webapps
 - Migrate to jvm 8
 - Migrate to Tomcat 8
 - Compile all binaries with java 1.8 compiler
5. Apache frontend from rpm installation (httpd-2.2.15-47), proxying connections to Tomcat
6. New temporary CA for standalone testing of ESGF components
7. Auto installer written to automate clean installations; supports 'all', 'data' and 'data+compute' roles.

CoG

1. Based on Django 1.8.5
2. Migrated deployment port to https from port 8000, and replaced ESGF Web Fe completely
3. Detailed release notes available at: <https://www.earthsystemcog.org/projects/cog/download/>

Solr

1. Upgrade to version 5.2.1
2. Connections to solr proxied through http, instead of port 8983, eliminating need for non-standard port exclusion through firewall.

Globus

1. Remove Bulk Data Mover GridFTP server.
2. Remove support for regular expressions in a grid map file from globus-gaa and move it to a new identity mapping callout.
3. Add Globus sharing to the End-user GridFTP identity mapping and authorization callouts.
4. RPMize installation of GridFTP server (globus-gridftp-server-9.3-1.el6+gt6) and MyProxy server (myproxy-server-6.1.15-1.el6+gt6). Use ESGF RPMs: globus-authz-esgsaml-callout, globus-adq, customgsiauthzinterface, globus-gaa, pam-pgsqql.
5. Register the GridFTP server endpoint automatically for Globus Online download.

UVCDAT

1. RPMize installation. (uvcdat-2.2.0-1)

TDS

1. Upgraded to TDS 5.0.3.
2. Reduced memory footprint
3. Recheck instead of reinit during data publication, to significantly reduce time during data publication.
4. fixed all known critical and high CVEs due to third party library jars (CVE-2012-6153, CVE-2014-0107, CVE-2014-0050, CVE-2014-0114, CVE-2015-0254)

ESGF Identity Provider

1. based on spring 4.2.3
2. fixed all known critical and high CVEs due to third party library jars (CVE-2012-6153, CVE-2014-0107, CVE-2014-0114, CVE-2015-0254)

ESGF OpenID Relying Party

1. based on spring 4.2.3
2. fixed all known critical and high CVEs due to third party library jars (CVE-2012-6153, CVE-2014-0107, CVE-2014-0114, CVE-2015-0254)

ESGF Search

1. based on spring 4.2.3
2. fixed all known critical and high CVEs due to third party library jars (CVE-2012-6153, CVE-2014-0107, CVE-2014-0050, CVE-2014-0114, CVE-2015-0254)
3. Introduced support for publishing and searching "local shard" (for data collections that do not need to be shared)

ESGF Dashboard

1. not used as a webapp anymore
2. replaced by ESGF Desktop

ESGF Desktop

1. based on struts 2.3.20.1

LAS

1. based on struts 2.3.24

ESGF Web Fe

1. Replaced by CoG

Manifests

Python packages (installed for use with CoG)

jango==1.8.3
django-contrib-comments==1.6.1
django-grappelli==2.4.5
django-openid-auth==0.5
django-pagination==1.0.7
django-simple-captcha==0.4.5
globusonline-transfer-api-client==0.10.16
httplib2==0.9
nexus-client==0.0.1
oauth2==1.5.167
passlib==1.6.2
PIL==1.1.7
Pillow==2.8.2
psycopg2==2.5.2
pyasn1==0.1.8
pysqLite==2.6.3
python-openid==2.2.5
PyYAML==3.10
requests==1.2.3
rsa==3.0.1
six==1.9.0
South==1.0
SQLAlchemy==0.9.2
wheel==0.24.0

Python packages installed for use with UVCDAT

AutoAPI-1.0-py2.7.egg-info

cdat_info-0.0-py2.7.egg-info
 cdms-1.0-py2.7.egg-info
 cdms2-5.0-py2.7.egg-info
 cdtime-3.2-py2.7.egg-info
 decorator-3.4.0-py2.7.egg-info
 distarray-1.0-py2.7.egg-info
 drslib-0.3.1p3-py2.7.egg-info
 easy-install.pth
 esg-1.0-py2.7.egg-info
 esgcet-2.14.3-py2.7.egg
 esgf_dashboard-0.0.1-py2.7.egg
 esgf_node_manager-0.1.5-py2.7.egg
 esgf_security-0.1.5-py2.7.egg
 ipython-2.4.1-py2.7.egg-info
 kinds-1.1-py2.7.egg-info
 libcf-1.0_beta11-py2.7.egg-info
 lxml-3.3.5-py2.7.egg-info
 MA-1.0-py2.7.egg-info
 metaconfig-0.1.4-py2.7.egg-info
 metrics-0.1.0-py2.7.egg-info
 MV-1.0-py2.7.egg-info
 MV2-1.0-py2.7.egg-info
 MyProxyClient-1.3.0-py2.7.egg
 ncml-1.0-py2.7.egg-info
 numpy-1.9.0-py2.7.egg-info
 pip-1.2.1-py2.7.egg
 PropertiedClasses-2.2-py2.7.egg-info
 psycopg2-2.5-py2.7.egg-info
 pyOpenSSL-0.13-py2.7.egg-info
 pysolr-3.3.0-py2.7.egg-info
 regrid-1.0-py2.7.egg-info
 regrid2-3.3-py2.7.egg-info
 requests-2.8.1-py2.7.egg-info
 setuptools-1.4-py2.7.egg
 setuptools-18.3.2-py2.7.egg
 six-1.9.0-py2.7.egg
 SQLAlchemy-0.7.10-py2.7.egg-info
 sqlalchemy_migrate-0.6-py2.7.egg-info
 Tempita-0.5.1-py2.7.egg-info
 xlrd-0.9.4-py2.7.egg-info

Jar name	ESGF component	Version (if found)
52n-xml-gml-v321	thredds	2.1.0
52n-xml-om-v20	thredds	2.1.0
52n-xml-ows-v110	thredds	2.1.0
52n-xml-sampling-v20	thredds	2.1.0
52n-xml-soap-v12	thredds	2.0.0
52n-xml-sweCommon-v20	thredds	2.1.0
52n-xml-swes-v20	thredds	2.0.0
52n-xml-waterML-v20	thredds	2.1.0
52n-xml-wsa-v10	thredds	2.0.0
52n-xml-wsn-v13	thredds	2.0.0
52n-xml-wsrf-v12	thredds	2.0.0
52n-xml-xlink-v110	thredds	2.1.0
Saxon-HE	thredds	9.4.0.6
XSGroupRole	esg-orp	1.0.0

XSGroupRole	esg-search	1.0.0
XSGroupRole	esgf-idp	1.0.0
XSGroupRole	thredds	1.0.0
activation	esg-orp	1.1
activation	esg-search	1.1
activation	esgf-desktop	1.1
activation	esgf-idp	1.1
annotations	esg-search	1.0.0
annotations	thredds	9.0
ant	esg-orp	1.7.0
ant	esg-search	1.7.0
ant	esgf-desktop	1.7.0
ant	esgf-idp	1.7.0
ant-launcher	esg-orp	1.7.0
ant-launcher	esg-search	1.7.0
ant-launcher	esgf-desktop	1.7.0
ant-launcher	esgf-idp	1.7.0
antlr-runtime	solr-jetty	3.5
aopalliance	esg-search	1.0
aopalliance	thredds	1.0
asm	esg-orp	3.0
asm	esg-search	3.0
asm	esgf-desktop	3.0
asm	esgf-idp	3.0
asm	solr-jetty	4.1
asm	thredds	5.0.3
asm-commons	solr-jetty	4.1
asm-tree	esg-orp	3.0
asm-tree	esg-search	3.0
asm-tree	esgf-desktop	3.0
asm-tree	esgf-idp	3.0
avalon-framework	esg-orp	4.1.3
avalon-framework	esg-search	4.1.5
avalon-framework	esgf-desktop	4.1.5
avalon-framework	esgf-idp	4.1.3
backport-util-concurrent	esg-orp	3.1
backport-util-concurrent	esg-search	3.1

backport-util-concurrent	esgf-idp	3.1
bcel	esg-search	5.1
c3p0	thredds	0.9.1.1
chronicle-map	thredds	2.1.7
cobertura	esg-orp	1.9.4
cobertura	esg-search	1.9.4
cobertura	esgf-desktop	1.9.4
cobertura	esgf-idp	1.9.4
commons-beanutils	esg-orp	1.8.3
commons-beanutils	esg-search	1.8.3
commons-beanutils	esgf-idp	1.8.3
commons-cli	esg-search	1.2
commons-cli	esgf-desktop	1.2
commons-cli	esgf-idp	1.2
commons-cli	solr-jetty	1.2
commons-codec	esg-orp	1.4
commons-codec	esg-search	1.4
commons-codec	esgf-desktop	1.4
commons-codec	esgf-idp	1.4
commons-codec	solr-jetty	1.10
commons-codec	thredds	1.9
commons-collections	esg-orp	3.2.1
commons-collections	esg-search	3.2.1
commons-collections	esgf-idp	3.2.1
commons-collections	solr-jetty	3.2.1
commons-collections	thredds	3.2.1
commons-configuration	solr-jetty	1.6
commons-dbc	esg-search	1.4
commons-dbc	esgf-desktop	1.4
commons-dbc	esgf-idp	1.4
commons-dbc	thredds	1.4
commons-dbutils	esg-search	1.3
commons-dbutils	esgf-desktop	1.3
commons-dbutils	esgf-idp	1.3
commons-dbutils	thredds	1.3
commons-digester	esg-orp	2.0
commons-digester	esg-search	2.0

commons-digester	esgf-idp	2.0
commons-fileupload	esg-search	1.2.1
commons-fileupload	esgf-desktop	1.3.1
commons-fileupload	solr-jetty	1.2.1
commons-fileupload	thredds	1.2.2
commons-httpclient	esg-orp	3.1
commons-httpclient	esg-search	3.1
commons-httpclient	esgf-desktop	3.1
commons-httpclient	esgf-idp	3.1
commons-httpclient	thredds	3.1
commons-io	esg-orp	2.4
commons-io	esg-search	2.4
commons-io	esgf-desktop	2.4
commons-io	esgf-idp	2.4
commons-io	solr-jetty	2.4
commons-io	thredds	2.4
commons-jelly-tags-log	esg-search	1.0
commons-lang	esg-orp	2.5
commons-lang	esg-search	2.5
commons-lang	esgf-desktop	2.5
commons-lang	esgf-idp	2.5
commons-lang	solr-jetty	2.6
commons-lang	thredds	2.6
commons-lang3	esgf-desktop	3.4
commons-lang3	thredds	3.3.2
commons-logging	esg-orp	1.1.1
commons-logging	esg-search	1.2
commons-logging	esgf-desktop	1.2
commons-logging	esgf-idp	1.1.1
commons-pool	esg-search	1.5.4
commons-pool	esgf-desktop	1.5.4
commons-pool	esgf-idp	1.5.4
commons-pool	thredds	1.5.4
compiler	thredds	2.2.0
concurrentlinkedhashmap-lru	solr-jetty	1.2
coreplugin	esg-search	1.0.0
coverity-escapers	thredds	1.1.1

cxf-api	esg-search	2.6.2
cxf-rt-bindings-xml	esg-search	2.6.2
cxf-rt-core	esg-search	2.6.2
cxf-rt-frontend-jaxrs	esg-search	2.6.2
cxf-rt-transport-http	esg-search	2.6.2
dom4j	esg-search	1.6.1
dom4j	solr-jetty	1.6.1
esg-orp	esg-search	2.4.10
esg-orp	thredds	2.4.10
esg-orp-test	esg-search	2.4.10
esgf-node-manager-accesslog-client	esg-search	0.7.8
esgf-node-manager-accesslog-client	esgf-desktop	0.7.8
esgf-node-manager-accesslog-client	esgf-idp	0.7.8
esgf-node-manager-common	esg-search	0.7.8
esgf-node-manager-common	esgf-desktop	0.7.8
esgf-node-manager-common	esgf-idp	0.7.8
esgf-node-manager-common	thredds	0.7.8
esgf-node-manager-connector	esg-search	0.7.8
esgf-node-manager-connector	esgf-desktop	0.7.8
esgf-node-manager-connector	esgf-idp	0.7.8
esgf-node-manager-filters	esg-search	0.7.8
esgf-node-manager-filters	esgf-desktop	0.7.8
esgf-node-manager-filters	esgf-idp	0.7.8
esgf-node-manager-filters	thredds	0.7.8
esgf-security	esg-orp	2.5.10
esgf-security	esg-search	2.5.10
esgf-security	esgf-idp	2.5.10
esgf-security	thredds	2.5.10
esgf-security-test	esg-orp	2.5.10
esgf-security-test	esg-search	2.5.10
esgf-security-test	esgf-idp	2.5.10
fastutil	solr-jetty	6.5.11
findbugs	esg-search	1.0.0
findbugs-ant	esg-search	1.0.0
findbugsGUI	esg-search	1.0.0
freemarker	esgf-desktop	2.3.23
geronimo-javamail_1.4_spec	esg-search	1.7.1

geronimo-jms_1.1_spec	esg-orp	1.0
geronimo-jms_1.1_spec	esg-search	1.0
geronimo-jms_1.1_spec	esgf-desktop	1.0
geronimo-jms_1.1_spec	esgf-idp	1.0
geronimo-jta_1.1_spec	esg-search	1.1.1
geronimo-jta_1.1_spec	esgf-desktop	1.1.1
geronimo-jta_1.1_spec	esgf-idp	1.1.1
geronimo-servlet_3.0_spec	esg-search	1.0
geronimo-stax-api_1.0_spec	esg-search	1.0.1
guava	solr-jetty	14.0.1
guava	thredds	18.0
hadoop-annotations	solr-jetty	2.6.0
hadoop-auth	solr-jetty	2.6.0
hadoop-common	solr-jetty	2.6.0
hadoop-hdfs	solr-jetty	2.6.0
hessian	esg-orp	3.0.20
hessian	esg-search	4.0.7
hessian	esgf-desktop	3.0.20
hessian	esgf-idp	3.0.20
hibernate-validator	thredds	4.3.1.Final
hll	solr-jetty	1.6.0
hppc	solr-jetty	0.5.2
htrace-core	solr-jetty	3.0.4
httpclient	solr-jetty	4.4.1
httpclient	thredds	4.4.1
httpcore	solr-jetty	4.4.1
httpcore	thredds	4.4.1
httpmime	solr-jetty	4.4.1
httpmime	thredds	4.4.1
icu4j	esg-search	2.6.1
ivy	esg-orp	2.3.0
ivy	esg-search	2.3.0
ivy	esgf-desktop	2.3.0
ivy	esgf-idp	2.3.0
jaxb-api	esg-search	2.2
jaxb-api	esgf-desktop	2.2
jaxb-api	esgf-idp	2.2

jaxb-impl	esg-search	2.2
jaxb-impl	esgf-desktop	2.2
jaxb-impl	esgf-idp	2.2
jaxb-xjc	esg-orp	2.2
jaxb-xjc	esg-search	2.2
jaxb-xjc	esgf-desktop	2.2
jaxb-xjc	esgf-idp	2.2
jaxen	esg-search	1.1.3
jaxen	thredds	1.1.4
jboss-logging	thredds	3.1.0.CR2
jcip-annotations	thredds	1.0
jcl-over-slf4j	esg-orp	1.6.4
jcl-over-slf4j	esg-search	1.6.4
jcl-over-slf4j	esgf-idp	1.6.4
jcl-over-slf4j	thredds	1.7.7
jcommander	thredds	1.35
jdom	esg-orp	1.1
jdom	esg-search	2.0.2
jdom	esgf-idp	1.1
jdom-legacy	thredds	1.1.3
jdom2	thredds	2.0.4
je	thredds	4.0.92
jettison	thredds	1.3.6
jj2000	thredds	5.3
jline	esg-search	0.9.94
jline	esgf-desktop	0.9.94
jline	esgf-idp	0.9.94
jna	thredds	4.1.0
joda-convert	esg-orp	1.1
joda-convert	esg-search	1.1
joda-convert	esgf-idp	1.1
joda-time	esg-orp	2.0
joda-time	esg-search	2.0
joda-time	esgf-idp	2.0
joda-time	solr-jetty	2.2
joda-time	thredds	2.8.1
jsoup	thredds	1.7.2

jsr305	thredds	3.0.0
jsr311-api	esg-search	1.1.1
jstl	esg-orp	1.2
jstl	esg-search	1.2
jstl	esgf-idp	1.2
jstl	thredds	1.2
lang	thredds	6.6.4
log4j	esg-orp	1.2.17
log4j	esg-search	1.2.17
log4j	esgf-desktop	1.2.17
log4j	esgf-idp	1.2.17
log4j	thredds	1.2.17
log4j-api	thredds	2.2
log4j-core	thredds	2.2
log4j-slf4j-impl	thredds	2.2
log4j-web	thredds	2.2
logkit	esg-orp	1.0.1
logkit	esg-search	1.0.1
logkit	esgf-desktop	1.0.1
logkit	esgf-idp	1.0.1
lucene-analyzers	esg-search	2.9.1
lucene-analyzers-common	solr-jetty	5.2.1
lucene-analyzers-kuromoji	solr-jetty	5.2.1
lucene-analyzers-phonetic	solr-jetty	5.2.1
lucene-backward-codecs	solr-jetty	5.2.1
lucene-codecs	solr-jetty	5.2.1
lucene-core	esg-search	2.9.1
lucene-core	solr-jetty	5.2.1
lucene-expressions	solr-jetty	5.2.1
lucene-grouping	solr-jetty	5.2.1
lucene-highlighter	esg-search	2.9.1
lucene-highlighter	solr-jetty	5.2.1
lucene-join	solr-jetty	5.2.1
lucene-memory	esg-search	2.9.1
lucene-memory	solr-jetty	5.2.1
lucene-misc	esg-search	2.9.1
lucene-misc	solr-jetty	5.2.1

lucene-queries	esg-search	2.9.1
lucene-queries	solr-jetty	5.2.1
lucene-queryparser	solr-jetty	5.2.1
lucene-snowball	esg-search	2.9.1
lucene-spatial	solr-jetty	5.2.1
lucene-spellchecker	esg-search	2.9.1
lucene-suggest	solr-jetty	5.2.1
mail	esg-orp	1.4.3
mail	esg-search	1.4.4
mail	esgf-desktop	1.4.4
mail	esgf-idp	1.4.4
netcdf	esg-search	4.0
noggit	solr-jetty	0.6
ognl	esgf-desktop	3.1
ognl	thredds	3.0.8
opendap	esg-search	2.2.2
openid4java	esg-orp	0.9.6
openid4java	esg-search	0.9.6
openid4java	esgf-idp	0.9.6
opensaml	esg-orp	2.3.2
opensaml	esg-search	2.3.2
opensaml	esgf-idp	2.3.2
opensaml	thredds	2.3.2
openws	esg-orp	1.3.1
openws	esg-search	1.3.1
openws	esgf-idp	1.3.1
openws	thredds	1.3.1
org.apache.aries.blueprint.api	esg-search	0.3.1
org.apache.aries.blueprint.core	esg-search	0.3.1
org.apache.aries.proxy.api	esg-search	0.3
org.apache.aries.quiesce.api	esg-search	0.3
org.apache.aries.testsupport.unit	esg-search	0.3
org.apache.aries.util	esg-search	0.3
org.osgi.compendium	esg-search	4.2.0
org.osgi.core	esg-search	4.2.0
org.restlet	solr-jetty	2.3.0
org.restlet.ext.servlet	solr-jetty	2.3.0

oro	esg-orp	2.0.8
oro	esg-search	2.0.8
oro	esgf-desktop	2.0.8
oro	esgf-idp	2.0.8
osgi	esg-search	3.5.0.v20090520
pax-url-aether	thredds	2.2.0
postgresql-8.4	esg-search	703.jdbc3
postgresql-8.4	esgf-desktop	703.jdbc3
postgresql-8.4	esgf-idp	703.jdbc3
postgresql-8.4	thredds	703.jdbc3
protobuf-java	solr-jetty	2.5.0
quartz	thredds	2.2.0
regexp	esg-search	1.2
retrotranslator-runtime	esg-orp	1.2.7
retrotranslator-runtime	esg-search	1.2.7
retrotranslator-runtime	esgf-idp	1.2.7
rome	esg-search	1.5.0
rome-utils	esg-search	1.5.0
serializer	esg-orp	2.9.1
serializer	esg-search	2.9.1
serializer	esgf-idp	2.9.1
serializer	thredds	2.9.1
slf4j-api	esg-orp	1.6.4
slf4j-api	esg-search	1.7.7
slf4j-api	esgf-idp	1.6.4
slf4j-api	thredds	1.7.7
slf4j-log4j12	esg-orp	1.6.4
slf4j-log4j12	esg-search	1.6.4
slf4j-log4j12	esgf-idp	1.6.4
snappy-java	thredds	1.1.1.6
solr-commons-csv	esg-search	1.4.0
solr-core	esg-search	1.4.0
solr-core	solr-jetty	5.2.1
solr-solrj	esg-search	1.4.0
solr-solrj	solr-jetty	5.2.1
spatial4j	solr-jetty	0.4.1
spring-aop	esg-orp	4.1.6.RELEASE

spring-aop	esg-search	4.1.6.RELEASE
spring-aop	esgf-idp	4.1.6.RELEASE
spring-aop	thredds	4.1.6.RELEASE
spring-beans	esg-orp	4.1.6.RELEASE
spring-beans	esg-search	4.1.6.RELEASE
spring-beans	esgf-idp	4.1.6.RELEASE
spring-beans	thredds	4.1.6.RELEASE
spring-context	esg-orp	4.1.6.RELEASE
spring-context	esg-search	4.1.6.RELEASE
spring-context	esgf-idp	4.1.6.RELEASE
spring-context	thredds	4.1.6.RELEASE
spring-context-support	esg-orp	4.1.6.RELEASE
spring-context-support	esg-search	4.1.6.RELEASE
spring-context-support	esgf-idp	4.1.6.RELEASE
spring-core	esg-orp	4.1.6.RELEASE
spring-core	esg-search	4.1.6.RELEASE
spring-core	esgf-idp	4.1.6.RELEASE
spring-core	thredds	4.1.6.RELEASE
spring-expression	esg-orp	4.1.6.RELEASE
spring-expression	esg-search	4.1.6.RELEASE
spring-expression	esgf-idp	4.1.6.RELEASE
spring-expression	thredds	4.1.6.RELEASE
spring-security-config	esg-orp	4.0.1.RELEASE
spring-security-config	esg-search	4.0.1.RELEASE
spring-security-config	esgf-idp	4.0.1.RELEASE
spring-security-config	thredds	4.0.1.RELEASE
spring-security-core	esg-orp	4.0.1.RELEASE
spring-security-core	esg-search	4.0.1.RELEASE
spring-security-core	esgf-idp	4.0.1.RELEASE
spring-security-core	thredds	4.0.1.RELEASE
spring-security-openid	esg-orp	4.0.1.RELEASE
spring-security-openid	esg-search	4.0.1.RELEASE
spring-security-openid	esgf-idp	4.0.1.RELEASE
spring-security-taglibs	esg-orp	4.0.1.RELEASE
spring-security-taglibs	esg-search	4.0.1.RELEASE
spring-security-taglibs	esgf-idp	4.0.1.RELEASE
spring-security-web	esg-orp	4.0.1.RELEASE

spring-security-web	esg-search	4.0.1.RELEASE
spring-security-web	esgf-idp	4.0.1.RELEASE
spring-security-web	thredds	4.0.1.RELEASE
spring-tx	esg-orp	4.1.6.RELEASE
spring-tx	esg-search	4.1.6.RELEASE
spring-tx	esgf-idp	4.1.6.RELEASE
spring-web	esg-orp	4.1.6.RELEASE
spring-web	esg-search	4.1.6.RELEASE
spring-web	esgf-idp	4.1.6.RELEASE
spring-web	thredds	4.1.6.RELEASE
spring-webmvc	esg-orp	4.1.6.RELEASE
spring-webmvc	esg-search	4.1.6.RELEASE
spring-webmvc	esgf-idp	4.1.6.RELEASE
spring-webmvc	thredds	4.1.6.RELEASE
standard	esg-orp	1.1.2
standard	esg-search	1.1.2
standard	esgf-idp	1.1.2
stax-api	esg-search	1.0.1
stax2-api	esg-search	3.1.1
stax2-api	solr-jetty	3.1.4
struts2-core	esgf-desktop	2.3.20.1
struts2-json-plugin	esgf-desktop	2.3.20.1
t-digest	solr-jetty	3.1
tds	esg-orp	4.1
tds	esg-search	4.1
tds	esgf-idp	4.1
thymeleaf	thredds	2.1.4.RELEASE
thymeleaf-spring4	thredds	2.1.4.RELEASE
tiles-api	esg-orp	2.2.2
tiles-api	esg-search	2.2.2
tiles-api	esgf-idp	2.2.2
tiles-compatible	esg-orp	2.2.2
tiles-compatible	esg-search	2.2.2
tiles-compatible	esgf-idp	2.2.2
tiles-core	esg-orp	2.2.2
tiles-core	esg-search	2.2.2
tiles-core	esgf-idp	2.2.2

tiles-jsp	esg-orp	2.2.2
tiles-jsp	esg-search	2.2.2
tiles-jsp	esgf-idp	2.2.2
tiles-servlet	esg-orp	2.2.2
tiles-servlet	esg-search	2.2.2
tiles-servlet	esgf-idp	2.2.2
tiles-template	esg-orp	2.2.2
tiles-template	esg-search	2.2.2
tiles-template	esgf-idp	2.2.2
unbescape	thredds	1.1.0.RELEASE
validation-api	thredds	1.0.0.GA
velocity	esg-orp	1.5
velocity	esg-search	1.5
velocity	esgf-idp	1.5
velocity	thredds	1.5
visad-2.0	thredds	20130124
woodstox-core-asl	esg-search	4.1.4
woodstox-core-asl	solr-jetty	4.4.1
wSDL4j	esg-search	1.6.2
wstx-asl	esg-search	3.2.7
xalan	esg-orp	2.7.1
xalan	esg-search	2.7.1
xalan	esgf-idp	2.7.1
xalan	thredds	2.7.1
xercesImpl	esg-orp	2.9.1
xercesImpl	esg-search	2.10.0
xercesImpl	esgf-idp	2.9.1
xercesImpl	thredds	2.9.1
xml-apis	esg-orp	1.3.04
xml-apis	esg-search	1.4.01
xml-apis	esgf-idp	1.3.04
xml-apis	thredds	1.3.04
xml-resolver	esg-orp	1.2
xml-resolver	esg-search	1.2
xml-resolver	esgf-idp	1.2
xmlParserAPIs	esg-orp	2.6.1
xmlParserAPIs	esg-search	2.6.2

xmlParserAPIs	esgf-idp	2.6.1
xmlbeans	thredds	2.6.0
xmlbeans-xpath	thredds	2.6.0
xmllpull	thredds	1.1.3.1
xmlschema-core	esg-search	2.0.3
xmlsec	esg-orp	1.4.2
xmlsec	esg-search	1.4.2
xmlsec	esgf-idp	1.4.2
xmlsec	thredds	1.4.2
xmltooling	esg-orp	1.2.2
xmltooling	esg-search	1.2.2
xmltooling	esgf-idp	1.2.2
xmltooling	thredds	1.2.2
xom	esg-search	1.0
xpp3_min	thredds	1.1.4c
xstream	thredds	1.4.7
xwork-core	esgf-desktop	2.3.20.1
zookeeper	solr-jetty	3.4.6
JSAP_1.03a.jar	las	
XSGroupRole	las	1.0.0
activation.jar	las	1.1.1
ant.jar	las	1.9.5
antlr-runtime	las	4.5
bsf	las	2.3.0
bsf-2.3.0.jar	las	
commons-beanutils	las	1.9.2
commons-cli	las	1.3.1
commons-collections	las	3.2.1
commons-dbcp	las	1.4
commons-dbtutils	las	1.3
commons-digester	las	2.0
commons-discovery	las	0.2
commons-fileupload	las	1.3.1
commons-httpclient	las	3.1
commons-io	las	2.4
commons-lang	las	2.4
commons-lang3	las	3.2

commons-logging	las	1.1
commons-logging-adapters	las	1.1
commons-logging-api	las	1.1
commons-pool	las	1.5.4
commons-validator	las	1.3.1
converttable.jar	las	
dods	las	1.1.7
encoder	las	1.2
esg-orp	las	2.4.10
esgf-node-manager-common	las	0.7.8
esgf-node-manager-filters	las	0.7.8
esgf-security	las	2.5.10
forms	las	1.0.7
freemarker	las	2.3.22
gnu-getopt	las	1.0.6
gnu-regexp	las	1.1.4
grib	las	6.0
gson	las	2.2.4
gwt-maps.jar	las	
gwt-openlayers-client	las	0.6
gwt-servlet-deps.jar	las	
gwt-servlet.jar	las	
gwt-user.jar	las	
gwttime.jar	las	
httpClient-4.5.1.jar	las	4.5.1
httpcore-4.4.3.jar	las	4.4.3
jai_codec.jar	las	1.1.4-pre-dr-b03
jai_core.jar	las	1.1.4-pre-dr-b03
javassist	las	3.11.0.GA
javax.mail.jar	las	1.5.4
jaxen-1.1-beta	las	10
jaxen-core.jar	las	
jaxen-jdom.jar	las	
jaxrpc.jar	las	
jdom.jar	las	1.0
joda-convert	las	1.2
joda-convert-1.2.jar	las	1.2

joda-time	las	2.1
jpeg2000.jar	las	
jstl	las	1.0.2
junit	las	4.8.2
log4j	las	1.2.17
log4j-api-2.2.jar	las	2.2
log4j-core-2.2.jar	las	2.2
log4j-slf4j-impl-2.2.jar	las	2.2
log4j-web-2.2.jar	las	2.2
lucene.jar	las	build
mysql-connector-java-3.1.13-bin.jar	las	3.1.13
netcdfAll-4.6.jar	las	4.6.2
ognl	las	3.0.6
ognl-3.0.6.jar	las	
ojdbc14.jar	las	Oracle
opendap	las	2.1
opensaml	las	2.3.2
openws	las	1.3.1
oro	las	2.0.8
postgresql-8.4	las	703.jdbc3
prefsAll.jar	las	
resourcesOptional.jar	las	2.2.17.21
saaj.jar	las	
saxpath.jar	las	1.0
serializer	las	2.9.1
slf4j-api	las	1.7.7
slf4j-log4j12	las	1.7.7
socatuploaddashboard.jar	las	
spring-core	las	4.1.6.RELEASE
spring-web	las	4.1.6.RELEASE
spring-webmvc	las	4.1.6.RELEASE
standard	las	1.0.2
standard-1.0.2.jar	las	
struts2-core	las	2.3.24
thredds.jar	las	
velocity	las	1.7
velocity-1.7-dep.jar	las	1.7

velocity-tools	las	1.3
visadNoDods.jar	las	
wSDL4j	las	1.5.1
xalan.jar	las	2.7.2
xercesImpl	las	2.9.1
xercesImpl.jar	las	1.2
xml-apis	las	1.3.04
xmlsec	las	1.4.2
xmltooling	las	1.2.2
xslt-capplet.jar	las	
xslt-brazil.jar	las	
xslt-cejb.jar	las	
xslt-cservlet.jar	las	
xwork-core	las	2.3.24