

# Modules

- 1 [Optional Functionality for DSpace](#)
- 2 [Packaged Core Modules \(under Trunk and Available via the Maven central repository\)](#)
- 3 [Maintained Addon Modules \(under Modules and Available in Maven\)](#)
  - 3.1 [Supported Module Projects](#)
  - 3.2 [New Active Addon Module Projects](#)
  - 3.3 [DSpace 2.0 Modules Projects](#)
  - 3.4 [Other Module Projects](#)
- 4 [Unmaintained Addon's and Code Samples](#)

## DSpace Maven Modules

DSpace "Addon Modules" are explicitly Maven Module Projects that are "part of" the DSpace distribution process or can be added to your DSpace instance to enhance its functionality. DSpace Addon Modules may have an SVN location, but generally are distributed as Maven Artifacts via the Maven Central Repository, thus you can add them to your DSpace installation as dependencies rather than patching your source to add functionality.

References concerning Maven Artifact and MultiModule Projects

- What is Maven <http://maven.apache.org/what-is-maven.html>
- Sonatype's Public Book (contrary to past FUD, Maven is in-fact, very well documented) <http://www.sonatype.com/books/mvnex-book/reference/public-book.html>
- A perspective on Maven multimodule builds <http://docs.codehaus.org/display/MAVENUSER/Multi-modules+projects>
- Search and Browse the Maven Artifact Repository <http://mvnrepository.com/search.html?query=dspace>

## Optional Functionality for DSpace

Refer to DSpace.org for [a list of separately released add-on modules for DSpace](#).



### Outdated

The content below dates from 2010 and needs to be updated. [DSpace 2.0 is prototyping work that has never been released separately](#). Furthermore, dspace-stats and dspace-discovery have been merged into dspace-api and are no longer released as separate modules

## Packaged Core Modules (under Trunk and Available via the Maven central repository)

Module Name	Source Location
DSpace API	<a href="http://scm.dspace.org/svn/repo/dspace/trunk/dspace-api">http://scm.dspace.org/svn/repo/dspace/trunk/dspace-api</a>
Classic JSPI	<a href="http://scm.dspace.org/svn/repo/dspace/trunk/dspace-jspi">http://scm.dspace.org/svn/repo/dspace/trunk/dspace-jspi</a>
Lightweight Network Interface	<a href="http://scm.dspace.org/svn/repo/dspace/trunk/dspace-lni">http://scm.dspace.org/svn/repo/dspace/trunk/dspace-lni</a>
OAI-PMH Interface	<a href="http://scm.dspace.org/svn/repo/dspace/trunk/dspace-oai">http://scm.dspace.org/svn/repo/dspace/trunk/dspace-oai</a>
SOLR-based Statistics	<a href="http://scm.dspace.org/svn/repo/dspace/trunk/dspace-stats">http://scm.dspace.org/svn/repo/dspace/trunk/dspace-stats</a>
SWORD Interface	<a href="http://scm.dspace.org/svn/repo/dspace/trunk/dspace-sword">http://scm.dspace.org/svn/repo/dspace/trunk/dspace-sword</a>
Shared Javascript toolkits	<a href="http://scm.dspace.org/svn/repo/dspace/trunk/dspace-ui-shared">http://scm.dspace.org/svn/repo/dspace/trunk/dspace-ui-shared</a>
XMLUI (Manakin)	<a href="http://scm.dspace.org/svn/repo/dspace/trunk/dspace-xmlui">http://scm.dspace.org/svn/repo/dspace/trunk/dspace-xmlui</a>

## Maintained Addon Modules (under Modules and Available in Maven)

DSpace Modules that reside in the DSpace svn repository under <http://scm.dspace.org/svn/repo/modules/>

## Supported Module Projects

These Modules are all currently distributed with out-of-the-box DSpace

Module Name	Source Location
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JSPUI and API Multilingual Support	<a href="http://scm.dspace.org/svn/repo/modules/dspace-api-lang/">http://scm.dspace.org/svn/repo/modules/dspace-api-lang/</a>
XMLUI Multilingual Support	<a href="http://scm.dspace.org/svn/repo/modules/dspace-xmlui-lang/">http://scm.dspace.org/svn/repo/modules/dspace-xmlui-lang/</a>
GEOIP Support for Statistics	<a href="http://scm.dspace.org/svn/repo/modules/dspace-geoip/">http://scm.dspace.org/svn/repo/modules/dspace-geoip/</a>
SOLR Support for Statistics and Discovery	<a href="http://scm.dspace.org/svn/repo/modules/dspace-solr/">http://scm.dspace.org/svn/repo/modules/dspace-solr/</a>
<a href="#">Services Support for DSpace 1.6.x and 2.x</a>	<a href="http://scm.dspace.org/svn/repo/modules/dspace-services/">http://scm.dspace.org/svn/repo/modules/dspace-services/</a>
DSpace Universal Parent Project	<a href="http://scm.dspace.org/svn/repo/modules/dspace-pom/">http://scm.dspace.org/svn/repo/modules/dspace-pom/</a>

## New Active Addon Module Projects

Module Name	Source Location
<a href="#">DSpace Discovery Project</a>	<a href="http://scm.dspace.org/svn/repo/modules/dspace-discovery/">http://scm.dspace.org/svn/repo/modules/dspace-discovery/</a>

## DSpace 2.0 Modules Projects

Module Name	Source Location
Google Guice Service Manager:	<a href="http://scm.dspace.org/svn/repo/modules/guice">http://scm.dspace.org/svn/repo/modules/guice</a>
Identifier Mapping Database Persistence Addon	<a href="http://scm.dspace.org/svn/repo/modules/mapping-db">http://scm.dspace.org/svn/repo/modules/mapping-db</a>
DSpace 1.6 and 2.0 REST Webservices	<a href="http://scm.dspace.org/svn/repo/modules/rest">http://scm.dspace.org/svn/repo/modules/rest</a>
Relational Database Persistence Support	<a href="http://scm.dspace.org/svn/repo/modules/storage-db">http://scm.dspace.org/svn/repo/modules/storage-db</a>
Fedora StorageService Support	<a href="http://scm.dspace.org/svn/repo/modules/storage-fedora">http://scm.dspace.org/svn/repo/modules/storage-fedora</a>
Jackrabbit StorageService Support	<a href="http://scm.dspace.org/svn/repo/modules/storage-jackrabbit">http://scm.dspace.org/svn/repo/modules/storage-jackrabbit</a>
Sesame StorageService Support	<a href="http://scm.dspace.org/svn/repo/modules/storage-sesame">http://scm.dspace.org/svn/repo/modules/storage-sesame</a>
User Database Persistence Addon	<a href="http://scm.dspace.org/svn/repo/modules/user-db">http://scm.dspace.org/svn/repo/modules/user-db</a>
DSpace 2.0 WebMVC Web Application	<a href="http://scm.dspace.org/svn/repo/modules/webmvc">http://scm.dspace.org/svn/repo/modules/webmvc</a>
DSpace 2.0 XMLUI Web Application	<a href="http://scm.dspace.org/svn/repo/modules/xmlui">http://scm.dspace.org/svn/repo/modules/xmlui</a>

## Other Module Projects

Module Name	Source Location
IMSCP Packager Support	<a href="http://scm.dspace.org/svn/repo/modules/dspace-imsdp">http://scm.dspace.org/svn/repo/modules/dspace-imsdp</a>
<a href="#">SIP Toolkit</a>	<a href="http://scm.dspace.org/svn/repo/modules/dspace-sip">http://scm.dspace.org/svn/repo/modules/dspace-sip</a>
RADIUS SSO Support	<a href="http://scm.dspace.org/svn/repo/modules/dspace-radius/">http://scm.dspace.org/svn/repo/modules/dspace-radius/</a>

## Unmaintained Addon's and Code Samples

Module Name	Source Location
<a href="#">Simple LNI Client</a>	N/A
<a href="#">CAS SSO Support</a>	N/A