

# Publish to Maven Central Repository

<b>Motivation:</b>	User list confusion over the number of geotools repositories available during a web search
<b>Contact:</b>	<a href="#">Jody Garnett</a>
<b>Tracker:</b>	<a href="http://jira.codehaus.org/browse/GEOT-PENDING">http://jira.codehaus.org/browse/GEOT-PENDING</a>
<b>Tagline:</b>	repo where art thou?

- [Description](#)
- [Status](#)
  - [Tasks](#)
  - [API Changes](#)
    - [BEFORE](#)
    - [AFTER](#)
  - [Documentation Changes](#)

Children:

## Description

We have published GeoTools, over the years, to any number of different repositories. And then moved on; usually because the repositories cannot handle the strain.

This has resulted in two very interesting things:

- <http://mvnrepository.com/search.html?query=geotools> (comes up empty!)
- <http://www.google.com.au/search?q=geotools+AND+repository+AND+maven> (has 14,6000 results the first of which is [maven.geotools.fr/repository](http://maven.geotools.fr/repository))

How can we fix? Well if you do the same search for geoserver ....

- <http://mvnrepository.com/search.html?query=geoserver> (has geoserver 1.7)

And I see someone has published jts:

- <http://repo1.maven.org/maven2/com/vividsolutions/jts/>

Turns out for a brief time geoserver published to codehaus and codehaus mirrors to central and I think [Michael Bedward](#) may know something about how jts got published.

So we could do the same - for stable releases.

Reference:

- <http://docs.codehaus.org/display/HAUSMATES/Maven+Guide>

## Status

This proposal is stalled waiting for volunteers to sign up to the tasks section.

Voting has not started yet:

- [Andrea Aime](#)
- [Ben Caradoc-Davies](#)
- [Christian Mueller](#)
- [Ian Turton](#)
- [Justin Deoliveira](#)
- [Jody Garnett](#) (current OSGeo representative)
- [Michael Bedward](#)
- [Simone Giannecchini](#)

## Tasks

*This section is used to make sure your proposal is complete (did you remember documentation?) and has enough paid or volunteer time lined up to be a success*

	no progress	✓	done	✗	impeded	⚠	lack mandate /funds/time	?	volunteer needed
--	-------------	---	------	---	---------	---	--------------------------	---	------------------

1. Check that codehaus still mirrors to maven central
  - It appears to: [Maven Guide](#)
2. Check for any dependencies that are not in central? (Apparently this is a condition of being published? Except we saw geoserver listed...)
  - We may need to set up geotools library into different groups depending on if they can be published or not? See [Split up unsupported modules](#). That would be sad and probably not worth it - it would amount to us changing the requirements needed in order to be a supported module.
3. Update the pom.xml to publish to codehaus
4. Update the instructions
5. Clean up or mirror old repositories
  - Possibly set up our osgeo org repo as a mirror?
  - Ask refractions to shut off the old repository?  
Or should we not care since it uses "gt2" prefix?

## API Changes

### BEFORE

trunk/pom.xml

```
...
<distributionManagement>
  <repository>
    <uniqueVersion>false</uniqueVersion>
    <id>osgeo</id>
    <name>Open Source Geospatial
Foundation - Maven 2 repo</name>

<url>dav:http://download.osgeo.org/webdav/ge
otools/</url>
  </repository>
  <snapshotRepository>
    <id>opengeo</id>
    <uniqueVersion>false</uniqueVersion>
    <name>OpenGeo Maven
Repository</name>

<url>dav:http://repo.opengeo.org</url>
  </snapshotRepository>
</distributionManagement>
...
```

## AFTER

Change to codehaus for publication

```
<distributionManagement>
  <repository>
    <id>codehaus.org</id>
    <name>GeoTools Central
Repository</name>

<url>dav:https://dav.codehaus.org/repository
/geotools/</url>
  </repository>
  <snapshotRepository>
    <id>codehaus.org</id>
    <name>GeoTools Central Development
Repository</name>

<url>dav:https://dav.codehaus.org/snapshots.
repository/geotools/</url>
  </snapshotRepository>
  <site>
    <id>codehaus.org</id>

<url>dav:https://dav.codehaus.org/geotools/<
/url>
  </site>
</distributionManagement>
```

## Documentation Changes

*list the pages effected by this proposal*

- <http://www.geotools.org/>
- [Upgrade to 2.7](#)
- <http://svn.geotools.org/geotools/trunk/gt/demo/example/>
- [Home](#)

- [Home](#)