

Set Maven Web Proxy Server Settings

Details

If your web connection to the Internet has to go through a web proxy server, then maven needs to be told about this in order to download code libraries and pre-requisites for the installation of DSpace.

Error message

If you do not set the proxy settings, you may see an error like htis:

```
[INFO] -----
[ERROR] BUILD ERROR
[INFO] -----
[INFO] Failed to resolve artifact.

GroupId: org.apache.maven.plugins
ArtifactId: maven-site-plugin
Version: 2.0-beta-7

Reason: Unable to download the artifact from any repository

    org.apache.maven.plugins:maven-site-plugin:pom:2.0-beta-7

from the specified remote repositories:
    central (http://repo1.maven.org/maven2),
    maven.dspace.org-snapshot (http://maven.dspace.org/snapshot)
```

How

Edit Maven's 'settings.xml' file. There is often a master copy of this file found in a location such as 'MAVEN_HOME/conf/settings.xml' or '/etc/maven/settings.xml', or you can edit your local copy in ~/.m2/settings.xml.

Edit settings.xml to look something like this:

```
<settings>
  <proxies>
    <proxy>
      <id>optional</id>
      <active>true</active>
      <protocol>http</protocol>
      <username>proxyuser</username>
      <password>proxypass</password>
      <host>wwwcache.example.com</host>
      <port>8080</port>
      <nonProxyHosts>localhost, *.example.com</nonProxyHosts>
    </proxy>
  </proxies>
</settings>
```