

Release Process

Note: Article currently under development

This article describes the steps to follow when building a mapbuilder-lib release.

Notify developers that you are about to make a release and request users for the LICENSE file.

At least 24 hours before building a release. This should allow them to ensure their fixes are in the code base. The email should also request a list of new developers to add to the LICENSE file.

Here is a sample email.

```
We will start the process of building a new Mapbuilder release in 24 hours. Could everyone please ensure that all code is committed. Once we start, please don't commit any files until the release is completed.
```

```
I will also be updating the LICENSE file. The LICENSE file assigns copywrite to all developers with commit access who have contibuted to mapbuilder. It currently lists: <insert list from LICENSE file>
```

```
If you have commit access, and have committed code, could you please let me know your name and Login ID so that I can add you to this list.
```

Update the LICENSE file

Once people respond, update the LICENSE file and commit to subversion.

```
svn commit -m "Added users to LICENSE" <filenames>
```

Check all code back into Subversion

If you have not done so already, check all the code you have been editing into Subversion.

```
svn commit -m "Fixed xxx bugs" <filenames>
```

Update the CHANGES file

Update and commit CHANGES file with updates between the last release and this one. These files should be in the base directory.

These can be found in the [Project Plan](#)

Commit CHANGES back into SVN

```
svn commit -m "Prepared CHANGES for release <release-number>" CHANGES
```

Set release version in properties.xml

in mapbuilder/default.properties set the app.version value to the current release. This should look something like:

```
app.version=1.5.1-release
```

Commit the new build.xml back into SVN.

Get latest updates from SVN

Ensure you have the latest files from SVN.

```
$ cd /<mapbuilder development directory>
$ svn update -r HEAD
```

Tag the release

Tag the files that should be in the release. (Usually, not all files in SVN are included in a release).

The <tag> should be of the form: mapbuilder-lib-[number]-[status]

For example:

- mapbuilder-lib-0_1
- mapbuilder-lib-0_1-rc3
- mapbuilder-lib-0_2-alpha

Create the space for the remote tag and then copy over:

```
$ mkdir -m "Creation of tag."
svn+ssh://svn.codehaus.org/home/projects/mapbuilder/scm/tags/<tag>
$ mkdir -m ""
svn+ssh://svn.codehaus.org/home/projects/mapbuilder/scm/tags/<tag>/mapbuilder
$ copy -rHEAD
svn+ssh://svn.codehaus.org/home/projects/mapbuilder/scm/trunk/mapbuilder/mapbuilder
svn+ssh://svn.codehaus.org/home/projects/mapbuilder/scm/tags/<tag>
```

Export the release

This may be performed as the anonymous SVN user.

```
$ mkdir ~/tmp
$ cd ~/tmp
$ svn export https://svn.codehaus.org/mapbuilder/tags/<tag>/mapbuilder
mapbuilder
```

Install JSDoc dependencies

JSDoc builds javadoc like documentation for all the Mapbuilder classes and it requires a Perl module not available by default. You will know you don't have it installed because when you try to build the distribution (next step) you will see an error in your output which looks something like: "Can't locate HTML/Template.pm in @INC".

In windows install [ActivePerl](#).

In linux do the following (as described at <http://jsdoc.sourceforge.net/>).

```
sudo perl -MCPAN -e 'install HTML::Template'
```

Then provide default answers to all questions. (Yes, it is a pain).

Build the distribution

```
$ cd ~/tmp/mapbuilder/
$ ant -f build/build.xml dist
```

Test the release

Run through the manual testing process described at [Testing](#).

Get signoff from mapbuilder developers

Copy the release to a tmp directory (where?) and give mapbuilder-devel 24 hours to check. Ask developers to check against the criteria at [Testing](#).

Upload to Sourceforge and make Sourceforge Release

Log into <https://sourceforge.net/projects/mapbuilder/>
Navigate to Files -> mapbuilder-lib
Add a new folder for the release.
Upload the 3 files.

Navigate to the uploaded mapbuilder-lib-*.zip and mark it as the default download by clicking "Select All" in the "view details" (i-button).

Update release tags in JIRA

<http://jira.codehaus.org/secure/project/ManageVersions.jspx?pid=11060>

Set the release date for the current release. Any issues which were tagged to be fixed in this release should be moved to the next release.

Update Web Pages

Update notice at: <http://docs.codehaus.org/display/MAP/Downloads> and <http://docs.codehaus.org/display/MAP/Home>

Announce

Notify:

- mapbuilder-announce at lists.sourceforge.net
- mapbuilder-users at lists.sourceforge.net
- mapbuilder-devel at lists.sourceforge.net

Notify OSGeo as per https://www.osgeo.org/content/news/submit_news.html. For significant announcements, the following URL might also be relevant: http://wiki.osgeo.org/index.php/Press_Release_Process