Releasing a New Version of a Module

Release module in JIRA

In order to release a module you need to be a project lead or an administrator in JIRA. Please e-mail helpdesk@openmrs.org if you want to become a lead or an administrator of a project.

Before you release the module you need to go to project's *Overview* page e.g. RESTWS and review any issues in the *Code-review (post-commit)* state. They must be closed before releasing. Next it is recommended to look at any issues in the *Code-review (Initial)* state to see if they can be merged and closed before releasing. You can skip this step if you do not have time for additional reviews, fixes and merges. Lastly you need to look at issues in the *In progress* state to make sure that no commits have been merged to the master branch. If it is the case then such issues must be completed. reviewed, and closed as well. (Issues that are assigned to the version, but have had no commits, should be bumped to the next fix version, in a later step.)

Finally you can go to project's *Administration -> Versions* e.g. RESTWS versions.

You need to add a new fix version. Put the version in the *Name* column at the top and hit *Add* to the right.

Next while hovering over the row with the version you want to release click the config icon to the right and choose *Release*.

The dialog box may report that there are some unresolved issues for this version. You can preview them and decide if they should be addressed before releasing. Otherwise you can select *Move issues to version* and pick the version you just added from the dropdown. Fill out the release date and click *Release*.

Deploying to maven

From Bamboo

Some modules already have a 'release' stage on their build. This stage is responsible for doing the release prepare/perform, and updating the version in the refapp distro.

For those modules, follow Releasing a Module from Bamboo. If you want to configure a new build to do the same, check Configuring a Plan to Release from Bamboo.

From your machine

If you are planning to release a new version of a module locally:

- Get privileges to deploy release artifacts to mavenrepo.openmrs.org
- Actually release the module, using `mvn release:prepare release:perform` - more in `Maven Release Process`

- If the reference application includes the latest a snapshot of this module (you can check here) then update openmrs-distro-referenceapplication /pom.xml to refer to the (new) latest snapshot