

Committers Guide

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This guide contains procedures to be performed by committers/maintainers of this codebase.



This is work-in-progress.

Build process

To build the platform, see the [contributors' guide](#).

Release process

This section describes the steps to release the platform to Maven central. There are four stages:

- release the maven mixins
- release the modules
- recreate the quickstart archetype (referencing the just-released modules)
- release the quickstart archetype

The release process uses Sonatype's OSS support (see [user guide](#)); our thanks to them for providing this service.

Prereqs

First, set the `$INCODEREL` environment variable to the release. Generally speaking this should correspond to the version of Apache Isis.

```
export $INCODEREL=1.15.0
export $INCODENEXT=1.16.0-SNAPSHOT
```

Release to Maven Central



WIP - currently only have the version from isisaddons/incode catalog.

The `release.sh` script automates the release process. It performs the following:

- performs a sanity check (`mvn clean install -o`) that everything builds ok
- bumps the `pom.xml` to a specified release version, and tag
- performs a double check (`mvn clean install -o`) that everything still builds ok
- releases the code using `mvn clean deploy`
- bumps the `pom.xml` to a specified release version

For example:

```
sh release.sh $INCODEREL \  
              $INCODENEXT \  
              dan@haywood-associates.co.uk \  
              "this is not really my passphrase"
```

where * `$1` is the release version * `$2` is the snapshot version * `$3` is the email of the secret key (`~/gnupg/secring.gpg`) to use for signing * `$4` is the corresponding passphrase for that secret key.

Other ways of specifying the key and passphrase are available, see the `pgp-maven-plugin`'s [documentation](#)).

If the script completes successfully, then push changes:

```
git push origin master && git push origin $INCODEREL
```

If the script fails to complete, then identify the cause, perform a `git reset --hard` to start over and fix the issue before trying again. Note that in the parent `pom.xml`, the `nexus-staging-maven-plugin` has the `autoReleaseAfterClose` setting set to `true` (to automatically stage, close and the release the repo). You may want to set this to `false` if debugging an issue.

According to Sonatype's guide, it takes about 10 minutes to sync, but up to 2 hours to update [search](#).

Recreating the archetype

```
pushd ex/app/quickstart  
sh ../../../../scripts/recreate-archetype.sh
```

Release an Interim Build

If you have commit access to this project (or a fork of your own) then you can create interim releases using the `interim-release.sh` script.

The idea is that this will - in a new branch - update the artifacts with a timestamped version (eg `1.15.0.20170927-0738`). It then pushes the branch (and a tag) to the specified remote.

A CI server such as Jenkins can monitor the branches matching the wildcard `origin/interim/*` and create a build. These artifacts can then be published to a snapshot repository.

For example:

```
pushd modules
sh interim-release.sh 1.15.0 origin
popd
```

where

- `1.15.0` is the base release
- `origin` is the name of the remote to which you have permissions to write to.

Release Snapshot

To deploy a snapshot (to Sonatype's snapshot repo), use:

```
pushd modules  
mvn clean deploy  
popd
```

The artifacts should be available in Sonatype's [Snapshot Repo](#).

Docs & website

The website resides in the `adocs/documentation` directory:

```
pushd adocs/documentation
sh preview-html.sh
popd
```

Preview

Typically, use:

```
sh preview-html.sh
```

This will build the HTML website and then start python webserver to browse. However, to save time the corresponding PDFs will not be created.

For a full preview (including PDFs), use:

```
sh preview-pdf.sh
```

Publishing the website

Use:

```
sh publish.sh
```