

Source Code

The Scheduler source code is a multi-module maven project stored in a git repository, see: [Code Organization](#)

We use [gitflow](#) for our branching strategy. This means that you can see a clean history of our releases by examining the master branch.

You can browse the [git repository](#) and do a lot of git actions via the Bitbucket Server (Stash) web UI. If you want to work with the command line, refer to the examples below.

Clone the repository:

```
git clone https://open.catalyst.harvard.edu/stash/scm/hccrcscheduler/scheduler.git
```

Build the entire project (Depending on users' configurations, it may be necessary to give Maven extra memory.

```
cd scheduler
mvn clean install
```

Find out what our tags are via command line:

```
git tags -l
```

Check out a release tag of the code, e.g.:

```
git checkout tags/4.3.0
```

Or check out the HEAD of the development branch of the code:

```
git checkout develop
```

Set up a development environment

Our code is IDE-agnostic and there are no IDE specific files committed. Most of us use IntelliJ IDEA but you can use whichever IDE you want, especially if it can easily import a Maven project.