Developing OpenDJ with IntelliJ IDEA

The quickest and easiest way to use IntelliJ IDEA 15 for OpenDJ development is to:

1. Clone the source code from ForgeRock's Stash into a new directory. This will require a community login:

```
$ git clone https://stash.forgerock.org/projects/OPENDJ/repos/opendj opendj-trunk
$ cd opendj-trunk
$ mvn clean install
```

2. Start IntelliJ IDEA, and open (**not** import) the above directory as a project.
3. The new project (e.g. `opendj-trunk`) should be ready for your work.

Building

Open the Maven panel, expand OpenDJ and double-click the install label.

Error on imports of rxjava classes

That's because of the `opendj-rxjava` module is empty since it only rebundles the `rxjava` dependency.

To fix this, you have to ignore the `opendj-rxjava` module: right click on its `pom.xml` > `Maven` > `Ignore Project` and then right-click > Maven > Reload the whole project from the `opendj` maven pom.

You may need to restart IntelliJ for this to work.

Running unit tests

Open the Maven panel, check the "precommit" profile, and do a build as above.

Running and debugging individual unit tests

Go to **Run** > **Edit Configurations...** and choose **Defaults** > **TestNG**.

- edit the **VM options** field, adding: `-Dorg.opends.server.BuildRoot=.`
- ensure that the working directory is `$MODULE_DIR$`
- remove the Make job in the **Before Launch** list