OpenSensorHub
Development Training
Driver Development: Updating Project Version and Name

Lab 2
Requirements

• Java Programming Language – Entry Level Experience

• Lab 1 Complete!
Opening Existing Project
Opening existing project
Project Desktop

OpenSensorHub Build and Deployment

Repositories
- osh-node-dev-template
  - https://github.com/opensensorhub/osh-node-dev-template.git

Synopsis
The current “node” template source code of OpenSensorHub is located at GitHub. The repositories contain the source necessary to build a new OSH node, drivers, processes, libraries, but also make use of OpenSensorHub open source core and add-ons. These open source technologies are referred to by the respective repositories they are employed in as “submodules” therefore it is important to note that when using git commands to “checkout” any one of those repositories that you do so with the following command:

```bash
git clone --recursive https://github.com/opensensorhub/osh-node-dev-template.git
```

Starting Gradle Daemon...
Gradle Daemon started in 2488 ms

BUILD SUCCESSFUL in 34s
Updating and Building

Version and Distribution Name
Updating Project Version

1. Open project wide build.gradle
2. Change version
3. Refresh Gradle
Updating Distribution Name (v1.4)

1. Open project wide `build.gradle`
2. Change `distributionBaseName`
3. Refresh Gradle
Updating Distribution Name (v2.x)

1. Open project wide settings.gradle
2. Change rootProject.name
3. Refresh Gradle
Building Project

1. Execute build task
2. Build console log
3. Target – If build succeeds, creates build/distributions/[name]-[version].zip