OpenSensorHub
Development Training
Verifying Build and Deployment

Lab 4
Requirements

• Java Programming Language – Entry Level Experience

• JRE (or JDK) Installed on machine hosting OpenSensorHub

• Lab 3 Complete!
Navigate to Build Target

/osh-node-dev-template/build/distributions
Unzip Archive
Navigate to Extracted Folder/Directory
Launch Server – Run Corresponding Script

Windows – launch.bat

Linux – launch.sh
On Successful Launch

• Console log will display initialization messages
• Final initialization message reads:

```
INFO  ModuleRegistry [ModuleRegistry-1] - Module 'SOS Service' [5cb05c9c-9e08-4fa1-8731-ff41e246bdc1] started
```
Launch Front End in Web Browser

localhost:8181/sensorhub/admin
Log In

Username: admin
Password: admin

Admin Console
Adding Sensor Module

1. Right click in blank area within “Sensors” drawer

2. Select “Add New Module”
Verify Driver Module Listed

Simulated Sensor Driver listed with version, description information, and author
Close Dialog

1. Close dialog
Shutdown

Click “Shutdown”

Confirm Shutdown
Shutdown Complete!
Closing Remarks

• At this point you have
  • Created a skeleton for the Simulated Driver
  • Configured the build scripts to build and include the driver module in the build target
  • Deployed the instance of OpenSensorHub
  • Verified the Simulated Driver module is recognized by OpenSensorHub

• Next Steps
  • Begin adding functionality to driver
  • Build, redeploy, and test