To compile Java code from ThingML, please:

- Make sure you have a proper JDK (a JRE is not sufficient)
- Install Maven

Installing Eclipse with thingml:

1. Download Eclipse for Java Developers
2. Install and Launch Eclipse
3. Install EMFText plugins: `Help -> Install New Software... -> Add...` and choose `EMFText` as a name and `http://update.emftext.org/release` as location, and then `OK`. Select `EMFText` and continue with the install procedure
4. Install the latest release of the ThingML plugins:
   i. Download the latest update site
   ii. In Eclipse `Help -> Install New Software... -> Add... -> Archive...`, and select the `zip` you have just downloaded, give a name to this update site and then `OK`
   iii. Select `ThingML` and continue the install procedure

Compiling the java code:

Configure Eclipse so that it uses the JDK: `Window -> Preferences -> Java -> Installed JREs` (make sure it points to a JDK)

- Right click on the thingml file and heads/thingml and then click javaswing in order to build the java generated source code.
- Right click on `pom.xml` (in `thingml-gen/java/your-configuration`)
- `Run as -> Maven build...`
- In `Goals` type: `clean install exec:java`

If Maven claims it cannot find a `pom.xml` file, change the base directory in the `Run as -> Maven build...` window using the `Workspace...` button, so that it points to `thingmlgen/java/your-configuration`

Learning Examples:

https://github.com/HEADS-project/training/tree/master/1.ThingML_Basics