

- Java Development Kit 6 (Sun's JDK or OpenJDK)
- Git 1.7 or higher
- Maven 2.2.1 or higher
- Eclipse (Indigo preferred)

- Open a terminal and cd to your Eclipse workspace:

```
cd /path/to/my/eclipse/workspace
```

- Clone Stratosphere's Git repository:

```
export GIT_SSL_NO_VERIFY=true  
git clone  
https://stratosphere.eu/public/stratosphere.git
```

- Clone the course project:

```
git clone https://github.com/dimalabs/scalable-  
datamining-class.git
```

- Set JAVA_HOME

E.g. `export JAVA_HOME=/usr/lib/jvm/java-6-sun/`

- Compile the Stratosphere source

```
cd stratosphere
mvn -DskipTests clean package
```

Import

Select

Import Existing Maven Projects

Select an import source:

type filter text

- ▶ CVS
- ▶ Git
- ▶ Install
- ▼ Maven
 - ▶ Check out Maven Projects from SCM
 - ▶ Existing Maven Projects**
 - ▶ Install or deploy an artifact to a Maven repository
 - ▶ Materialize Maven Projects from SCM
- ▶ Run/Debug
- ▶ Tasks
- ▶ Team

Import Maven Projects

Maven Projects

Select Maven projects

Root Directory:

Projects:

- /scalable-datamining-class/pom.xml de.tuberlin.dima:scalable-datam...
- ▼ /stratosphere/pom.xml eu.stratosphere:stratosphere:0.1.2:pom
 - nephele/pom.xml eu.stratosphere:nephele:0.1.2:pom
 - nephele-common/pom.xml eu.stratosphere:nephele-common:0.1...
 - nephele-management/pom.xml eu.stratosphere:nephele-managen...
 - nephele-profiling/pom.xml eu.stratosphere:nephele-profiling:0.1.2...
 - nephele-queuescheduler/pom.xml eu.stratosphere:nephele-queues...
 - nephele-ec2cloudmanager/pom.xml eu.stratosphere:nephele-ec2c...
 - nephele-clustermanager/pom.xml eu.stratosphere:nephele-cluster...
 - nephele-hdfs/pom.xml eu.stratosphere:nephele-hdfs:0.1.2:jar
 - nephele-s3/pom.xml eu.stratosphere:nephele-s3:0.1.2:jar

Add project(s) to working set

Working set:

▶ Advanced

- The project code you have to work on can be found in `src/main/java` now and the tests for it in `src/test/java`
- Documentation on Stratosphere can be found at <http://www.stratosphere.eu/projects/Stratosphere/wiki/GettingStarted>