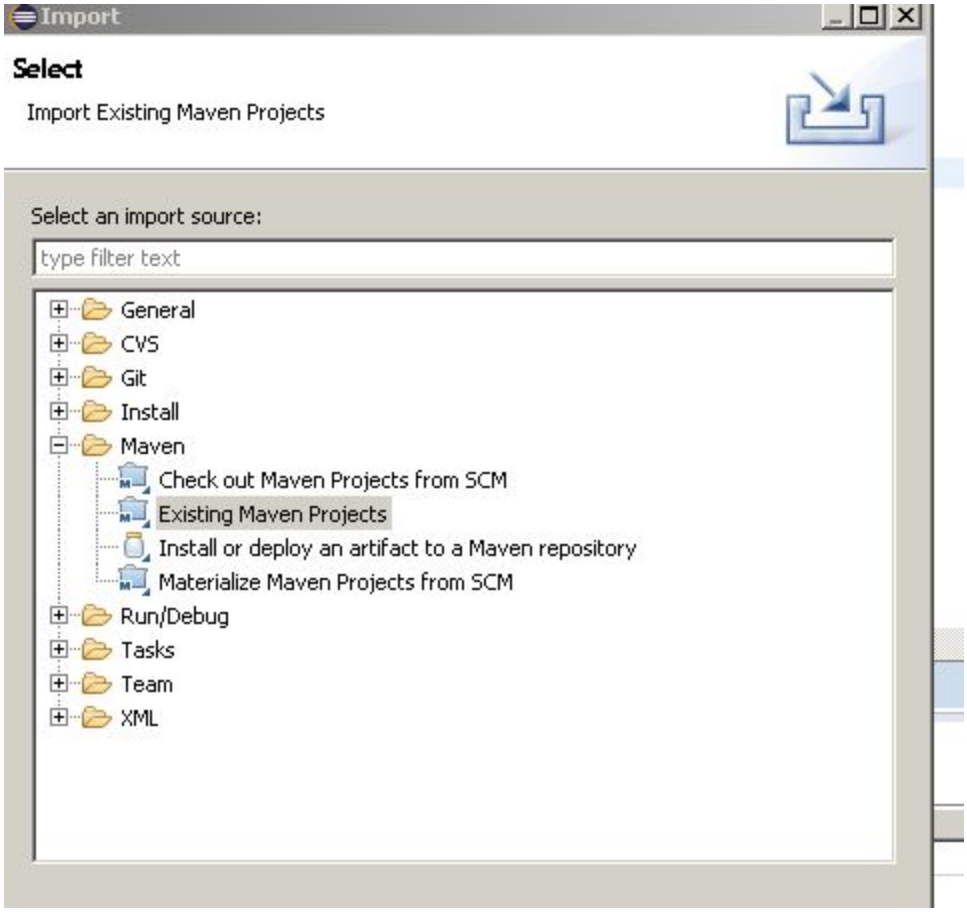
Eduonix Spark Course Supplementary Material

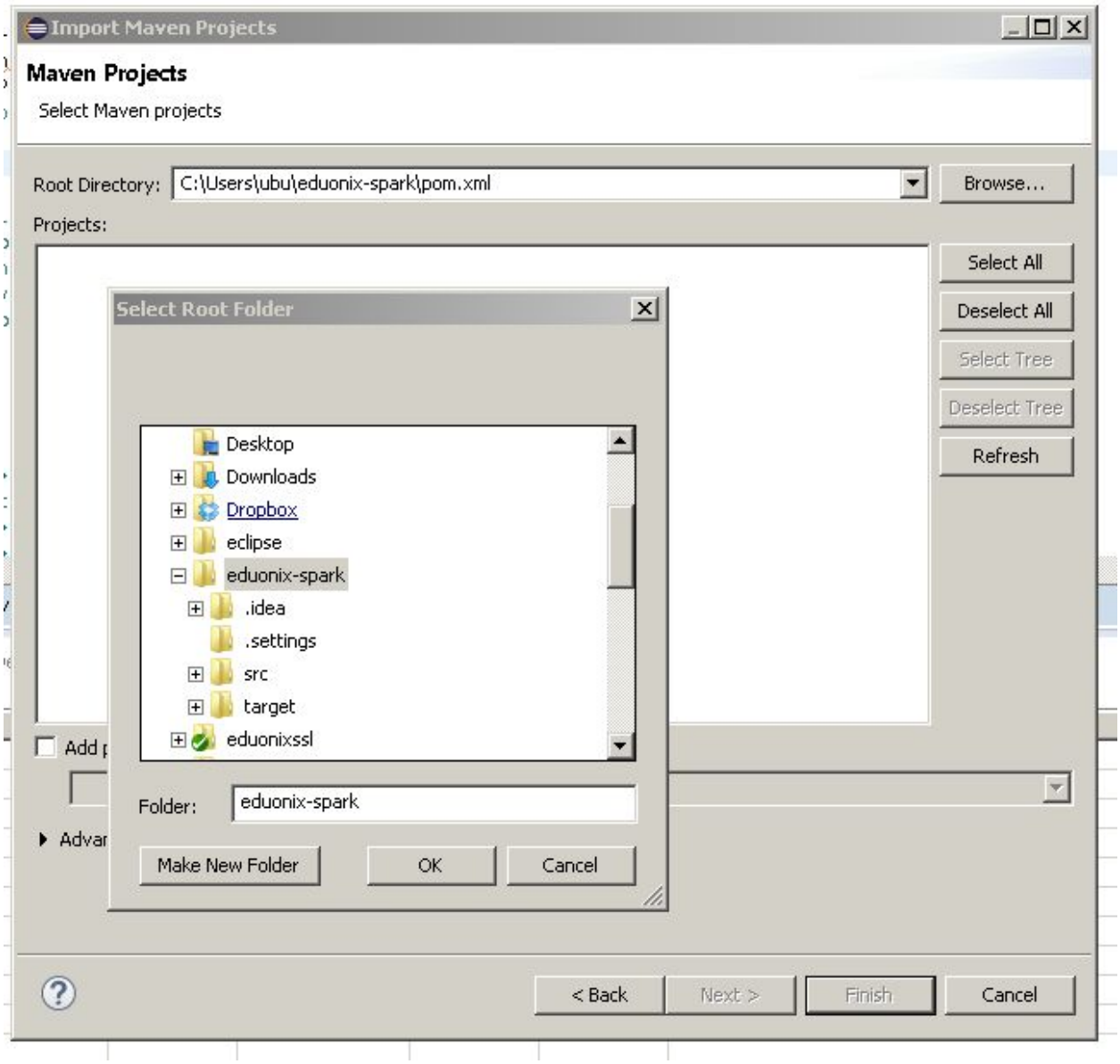
Part 1

Import Demo Code Into Eclipse

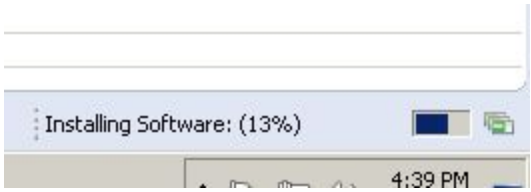
1, File Import

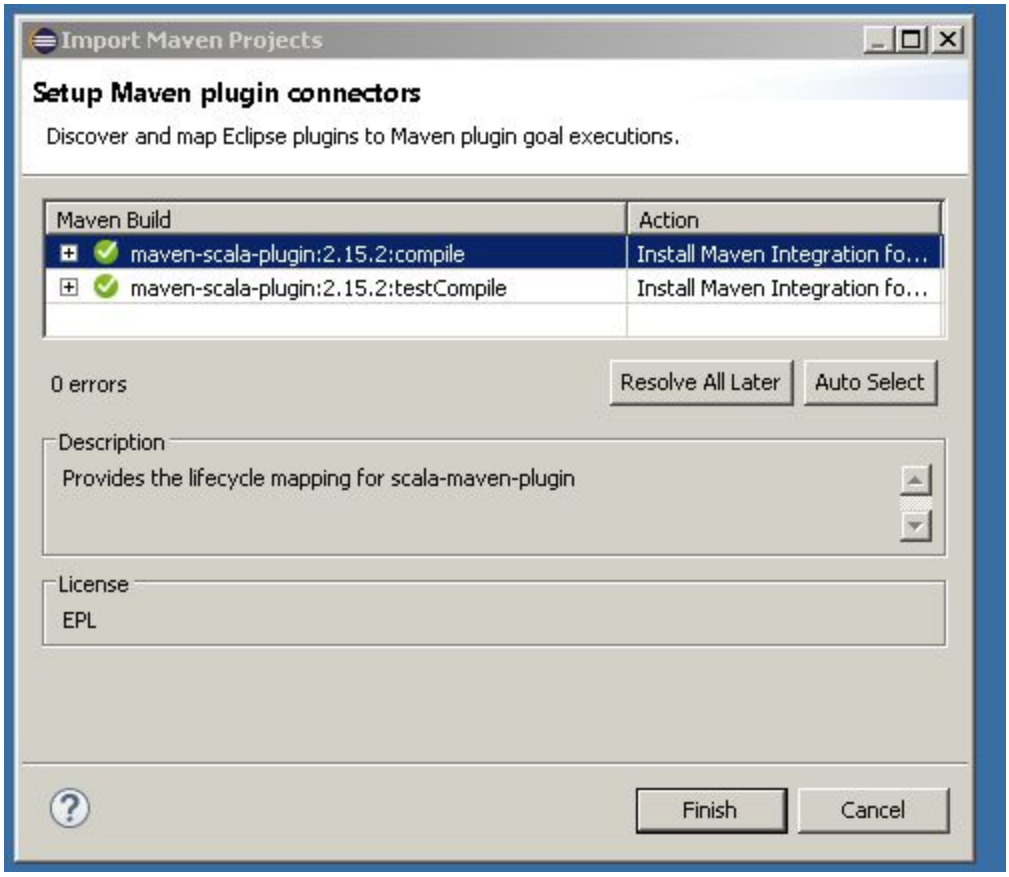


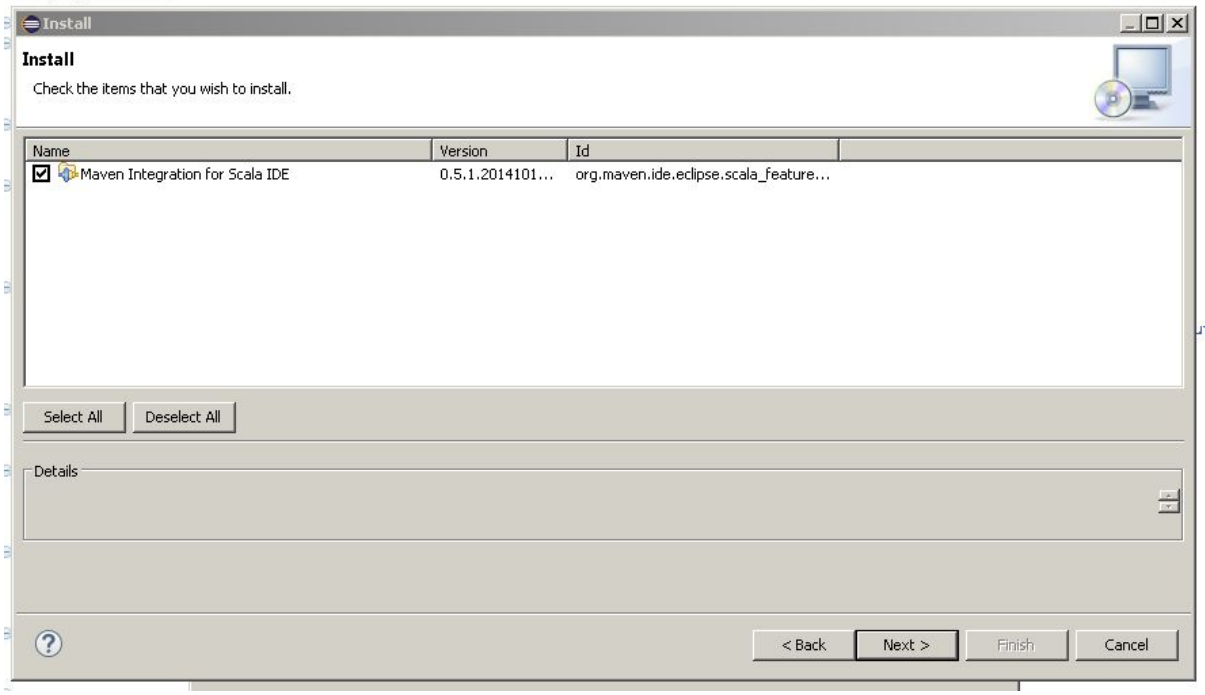
2 next -> browse -> select top level folder

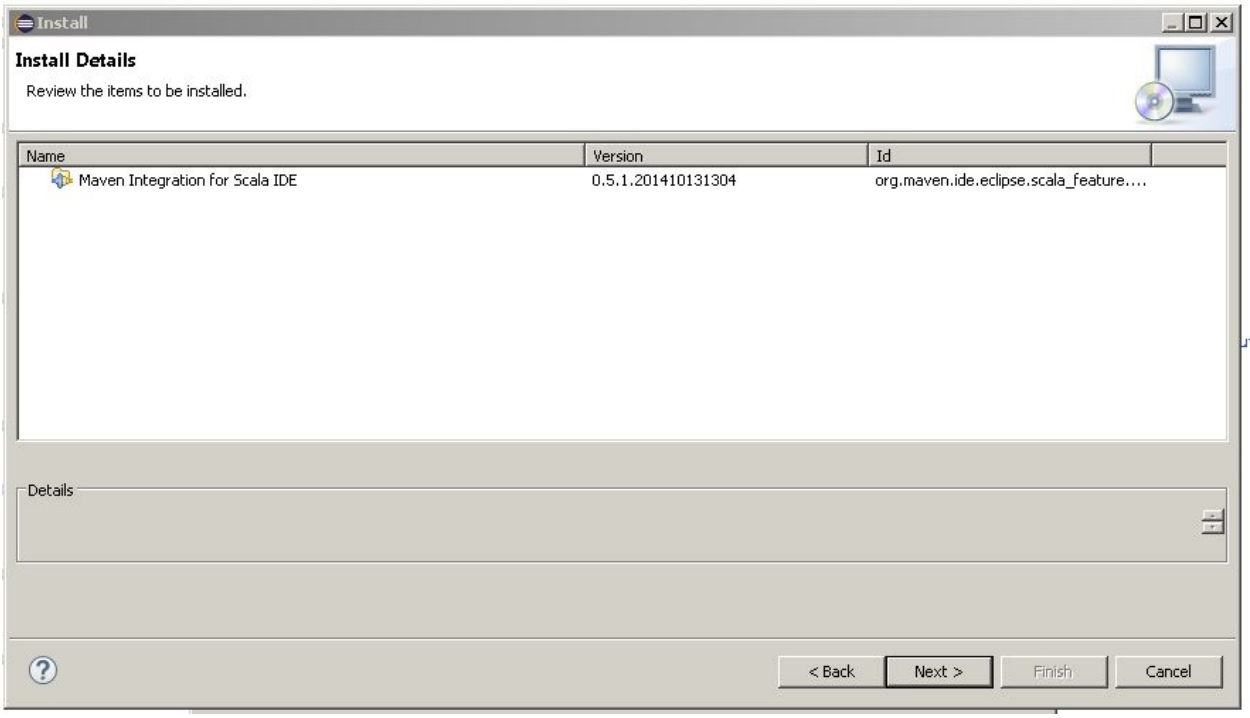

Import Maven Projects
Maven Projects
Select Maven projects
Root Directory:
C:\Users\ubu\eduonix-spark\pom.xml
Browse...
Projects:
Select All
Deselect All
Select Tree
Deselect Tree
Refresh
Select Root Folder
Desktop
Downloads
Dropbox
eclipse
eduonix-spark
.idea
.settings
src
target
eduonixssl
Folder:
eduonix-spark
Make New Folder
OK
Cancel
< Back
Next >
Finish
Cancel

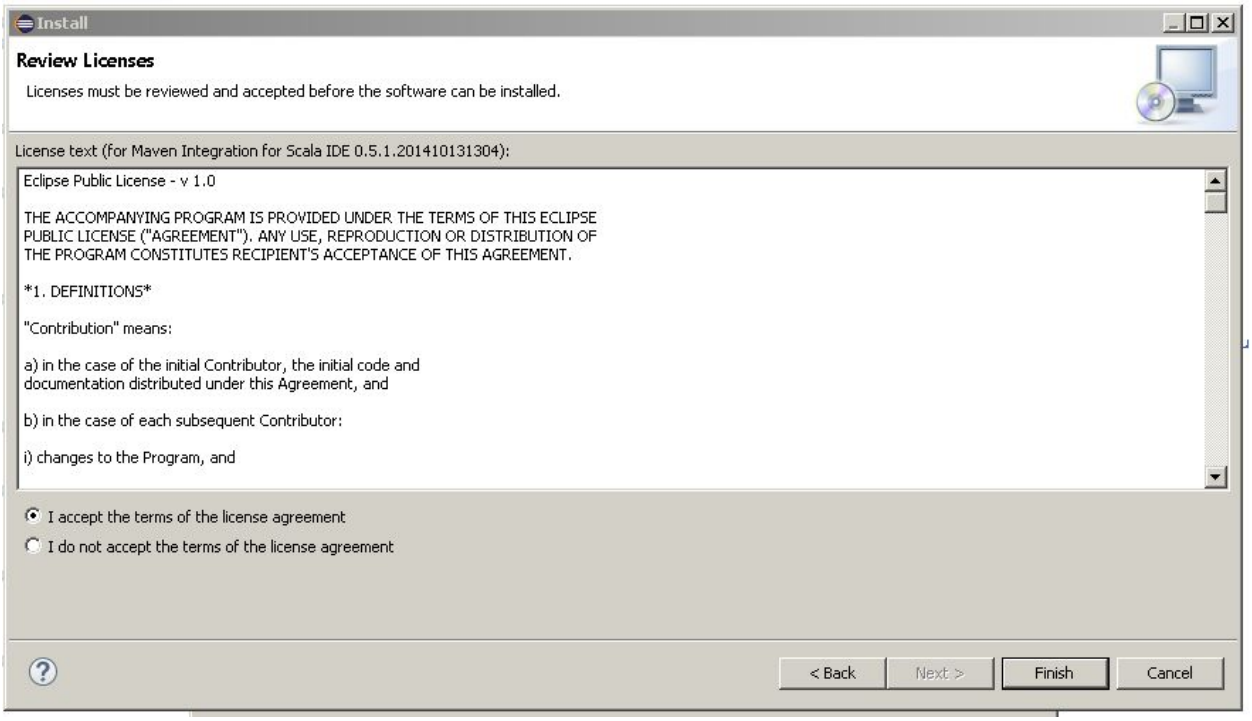
Import Maven Projects
Maven Projects
Select Maven projects
Root Directory:
C:\Users\ubu\eduonix-spark
Browse...
Projects:
/pom.xml eduonix-spark:eduonix-spark:1.0-SNAPSHOT:jar
Select All
Deselect All
Select Tree
Deselect Tree
Refresh

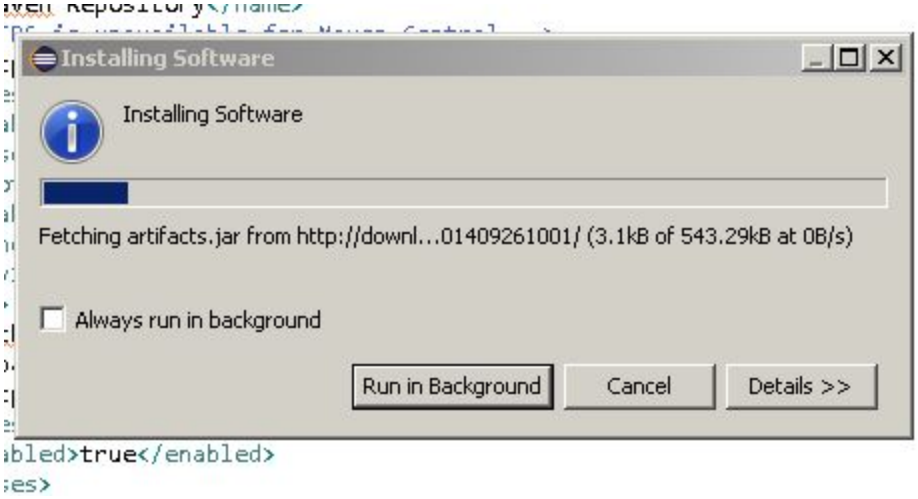

Installing Software: (13%)
4:39 PM

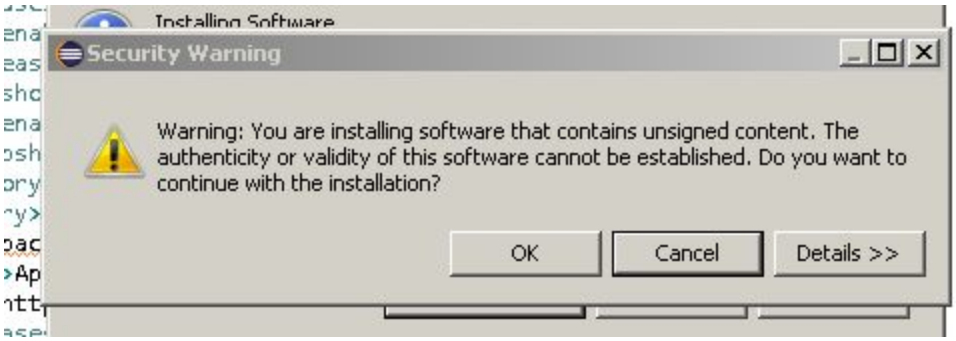

Import Maven Projects
Setup Maven plugin connectors
Discover and map Eclipse plugins to Maven plugin goal executions.
Maven Build
Action
maven-scala-plugin:2.15.2:compile
Install Maven Integration fo...
maven-scala-plugin:2.15.2:testCompile
Install Maven Integration fo...
0 errors
Resolve All Later
Auto Select
Description
Provides the lifecycle mapping for scala-maven-plugin
License
EPL
Finish
Cancel

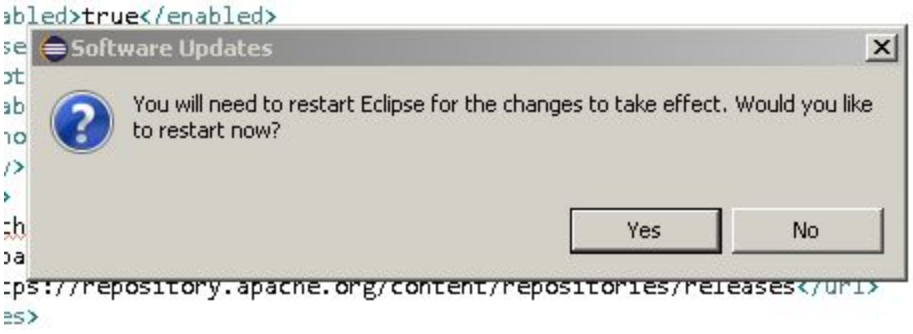

Install
Install
Check the items that you wish to install.
Name
Version
Id
Maven Integration for Scala IDE
0.5.1.2014101...
org.maven.ide.eclipse.scala_feature...
Select All
Deselect All
Details
< Back
Next >
Finish
Cancel


Install
Install Details
Review the items to be installed.
Name
Version
Id
Maven Integration for Scala IDE
0.5.1.201410131304
org.maven.ide.eclipse.scala_feature....
Details
< Back
Next >
Finish
Cancel

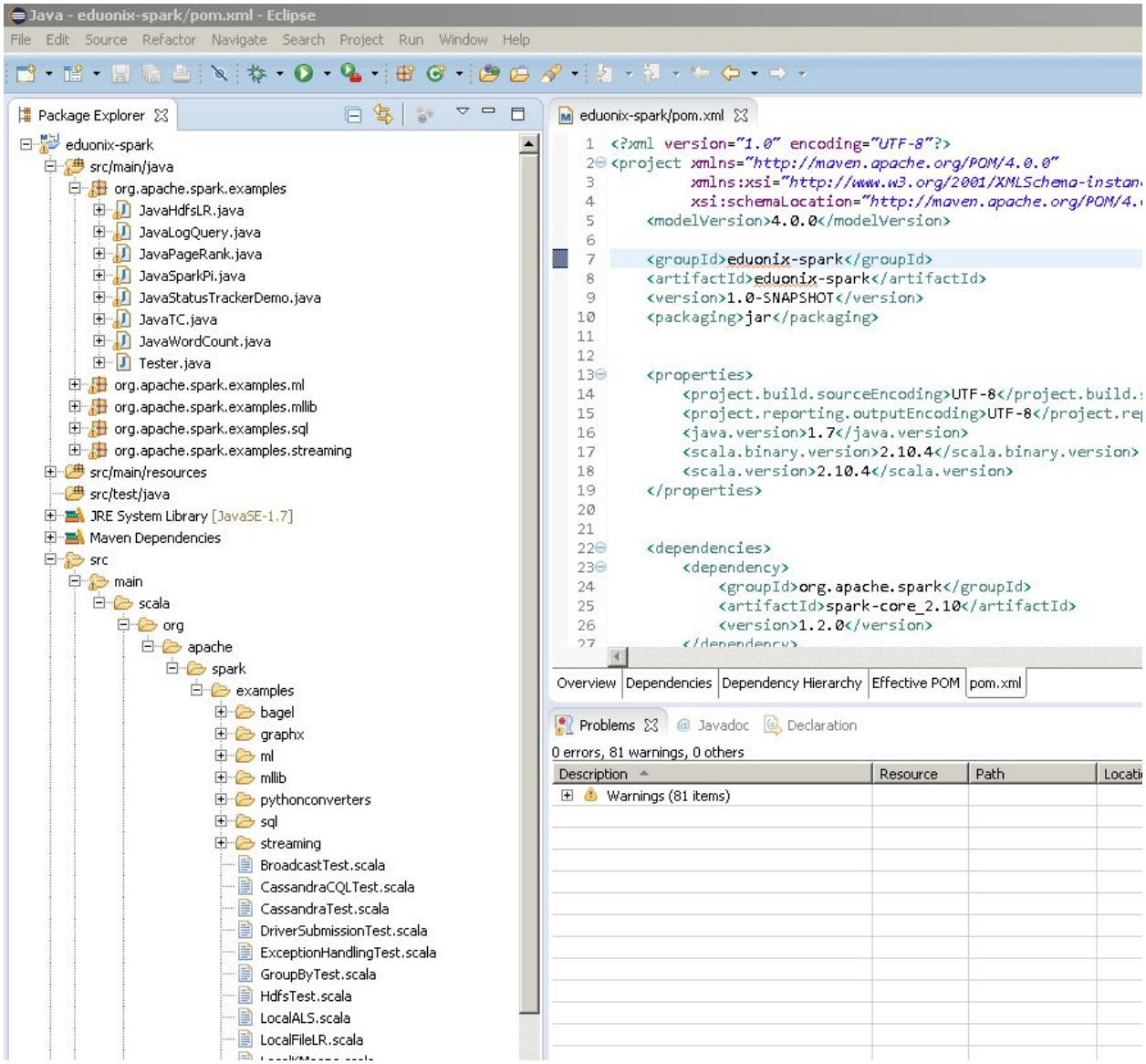

Install
Review Licenses
Licenses must be reviewed and accepted before the software can be installed.
License text (for Maven Integration for Scala IDE 0.5.1.201410131304):
Eclipse Public License - v 1.0
THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.
1. DEFINITIONS
"Contribution" means:
a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and
b) in the case of each subsequent Contributor:
i) changes to the Program, and
I accept the terms of the license agreement
I do not accept the terms of the license agreement
< Back
Next >
Finish
Cancel







Everything good



Part 2

Create Maven Build Configuration

1 check that the java source level is set to 7 in the pom.xml

2 run as maven build set for local mode and set the path to the jar as relative to the folder that you run the jar in

3 copy jar to cluster and run with

```
java -cp eduonix_spark-deploy.jar  org.apache.spark.examples.JavaSparkPi
```