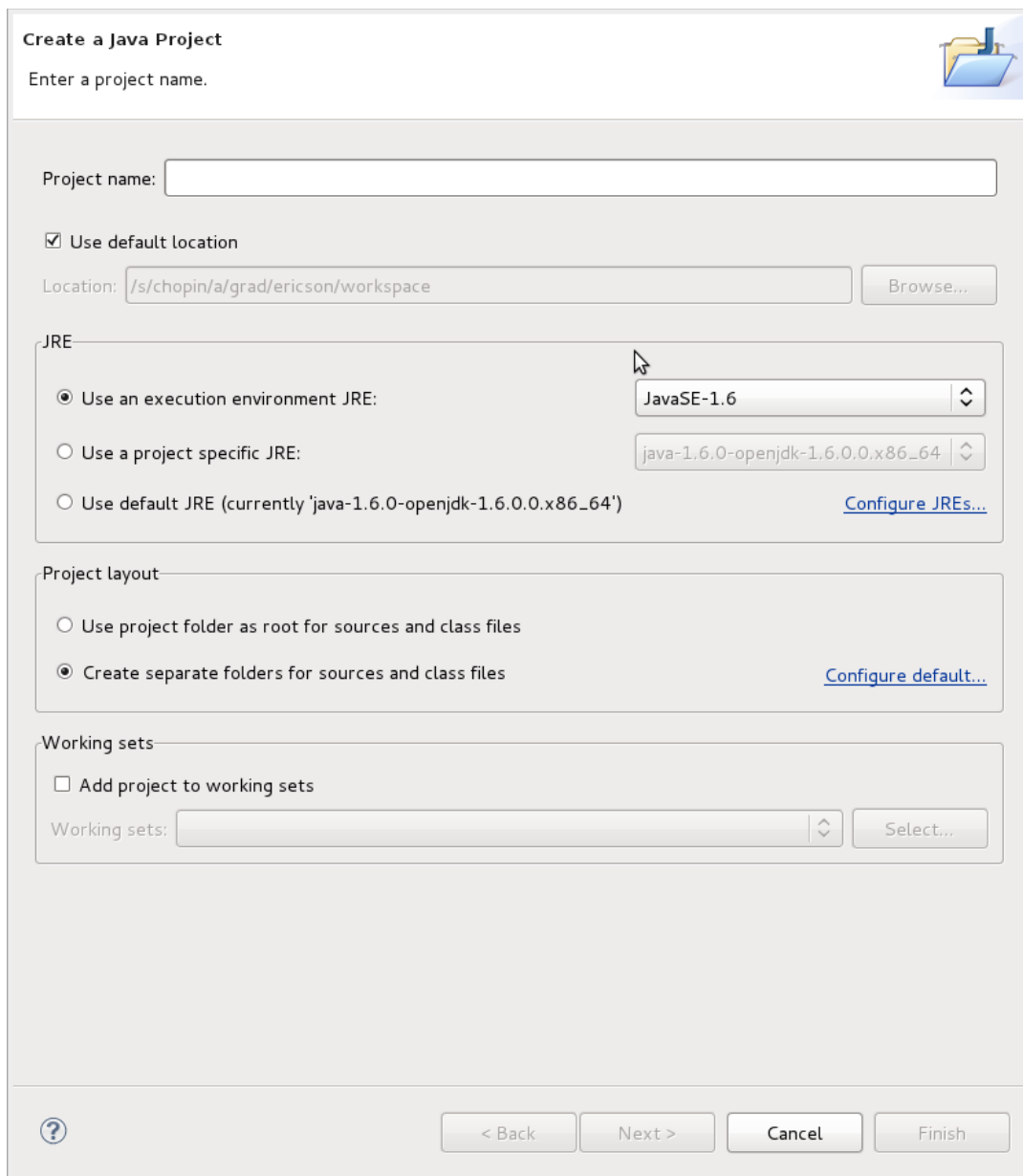


Eclipse Setup

1. Obtain Granules source code
2. Start Eclipse
3. Create a new Java Project:
 - a. File
 - b. New
 - c. Java Project

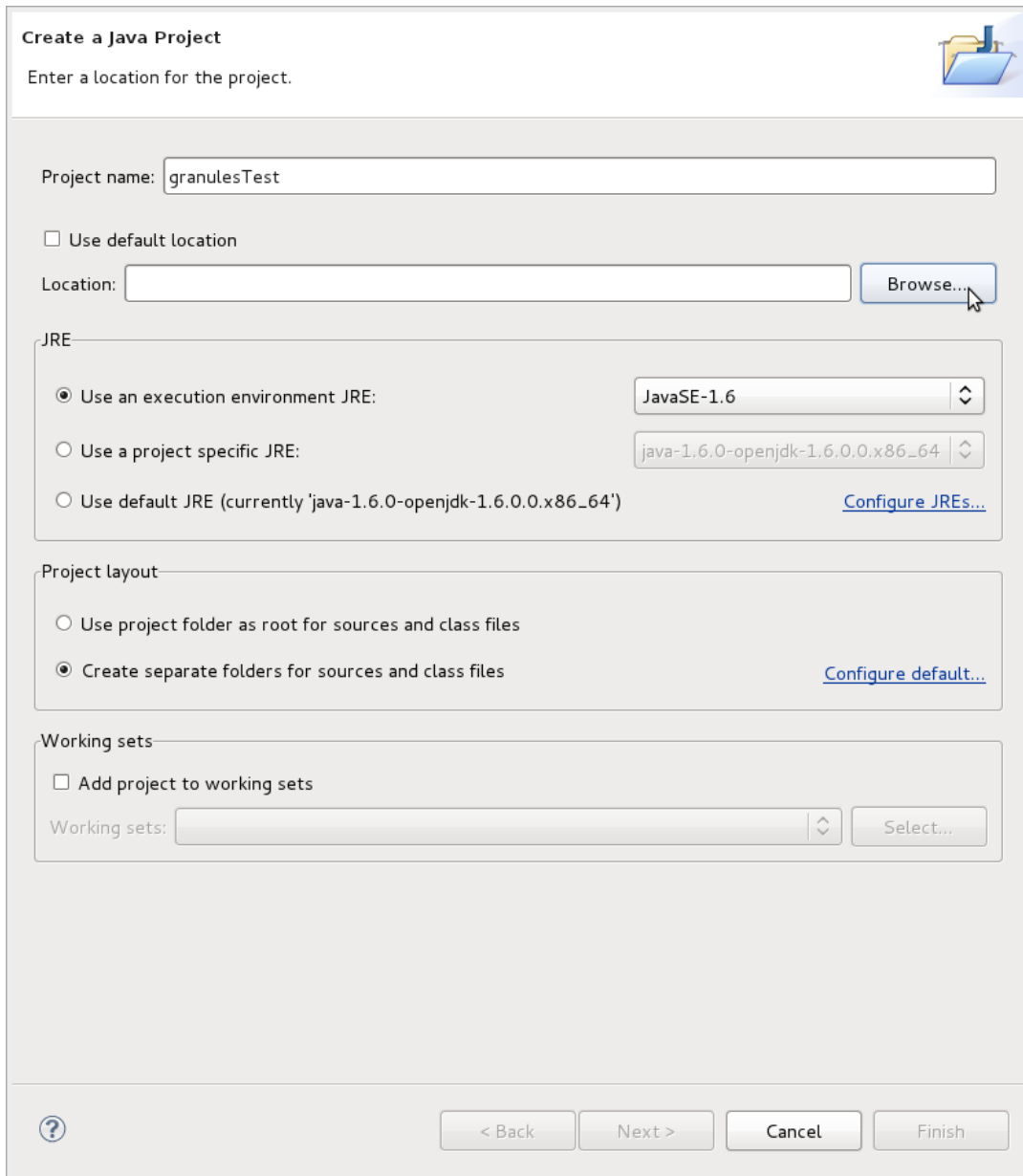


The screenshot shows the 'Create a Java Project' dialog box in Eclipse. The title bar says 'Create a Java Project'. Below the title bar, it says 'Enter a project name.' and there is a folder icon. The dialog is divided into several sections:

- Project name:** A text input field.
- Use default location:** A checked checkbox. Below it, the 'Location' is set to '/s/chopin/a/grad/ericson/workspace'. There is a 'Browse...' button.
- JRE:** A section with three radio buttons:
 - ☒ Use an execution environment JRE: A dropdown menu showing 'JavaSE-1.6'.
 - ☐ Use a project specific JRE: A dropdown menu showing 'java-1.6.0-openjdk-1.6.0.0.x86_64'.
 - ☐ Use default JRE (currently 'java-1.6.0-openjdk-1.6.0.0.x86_64') with a link to 'Configure JREs...'.
- Project layout:** A section with two radio buttons:
 - ☐ Use project folder as root for sources and class files.
 - ☒ Create separate folders for sources and class files with a link to 'Configure default...'.
- Working sets:** A section with a checkbox 'Add project to working sets' and a 'Working sets:' dropdown menu with a 'Select...' button.

At the bottom, there is a question mark icon and four buttons: '< Back', 'Next >', 'Cancel', and 'Finish'.

4. Uncheck “Use default location” and browse to the granules source code



Create a Java Project

Enter a location for the project.

Project name:

☐ Use default location

Location: [Browse...](#)

JRE

☒ Use an execution environment JRE:

☐ Use a project specific JRE:

☐ Use default JRE (currently 'java-1.6.0-openjdk-1.6.0.0.x86_64') [Configure JREs...](#)

Project layout

☐ Use project folder as root for sources and class files

☒ Create separate folders for sources and class files [Configure default...](#)

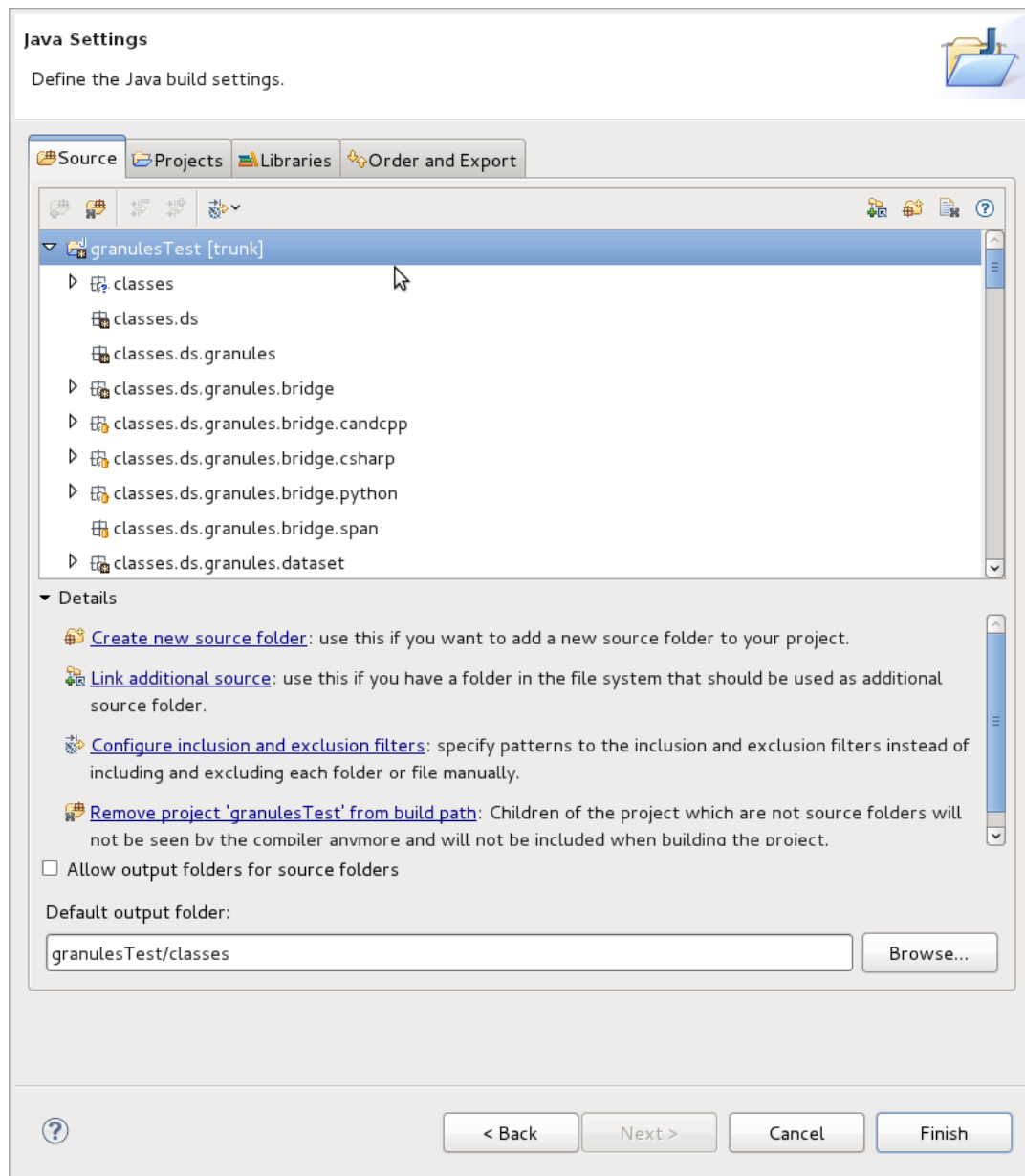
Working sets

☐ Add project to working sets

Working sets: [Select...](#)

[?](#) [< Back](#) [Next >](#) [Cancel](#) [Finish](#)

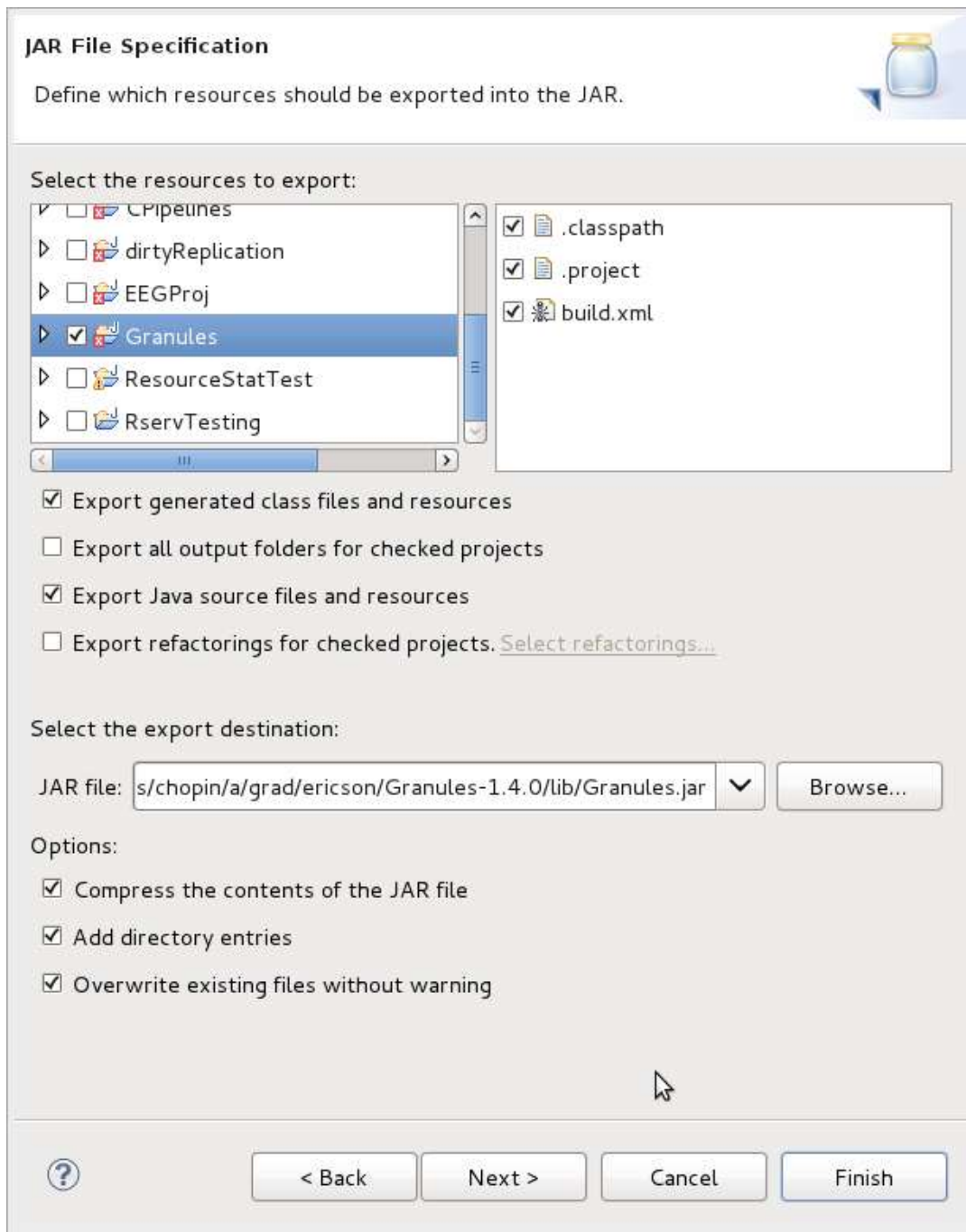
5. Click Next



6. Click Finish

Compiling in Eclipse without the learning package

1. Right Click on the project in the project explorer
2. Select Export...
3. Select Java->JAR file
4. Click Next
5. Browse to your Granules project
6. Check the Granules project



7. Click the arrow next to the project name to expand the folder
8. Uncheck all ds.granules.learning.* packages

JAR File Specification

Define which resources should be exported into the JAR.

Select the resources to export:

☐ ds.granules.learning.cluste

☐ ds.granules.learning.cluste

☐ ds.granules.learning.cluste

☐ ds.granules.learning.cluste

☐ ds.granules.learning.cluste

☒ ds.granules.nadsm

☐ LDADeployer.java

☐ LDAMapper.java

☐ LDAReducer.java

☐ LDAState.java

☒ Export generated class files and resources
☐ Export all output folders for checked projects
☒ Export Java source files and resources
☐ Export refactorings for checked projects. [Select refactorings...](#)

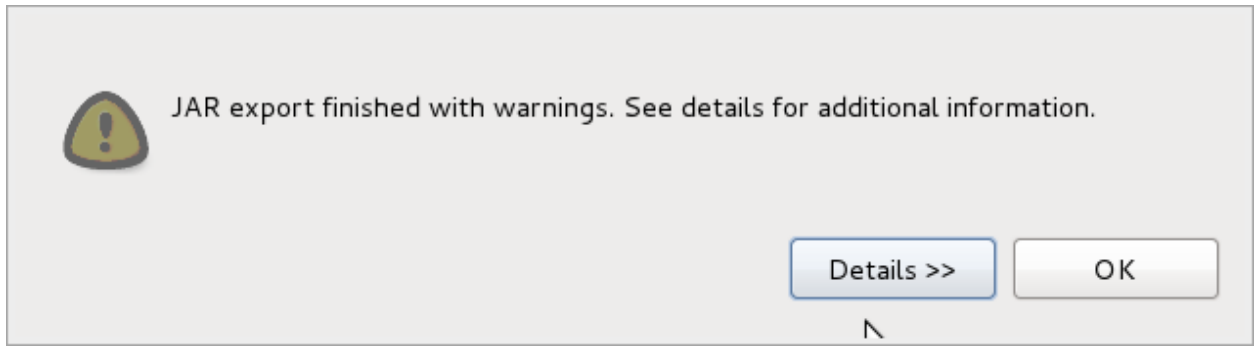
Select the export destination:

JAR file:

Options:

☒ Compress the contents of the JAR file
☒ Add directory entries
☒ Overwrite existing files without warning

9. Select an export destination
10. Click Finish
11. There may be a warning message



- a. Click OK