02 Create the esup-commons project
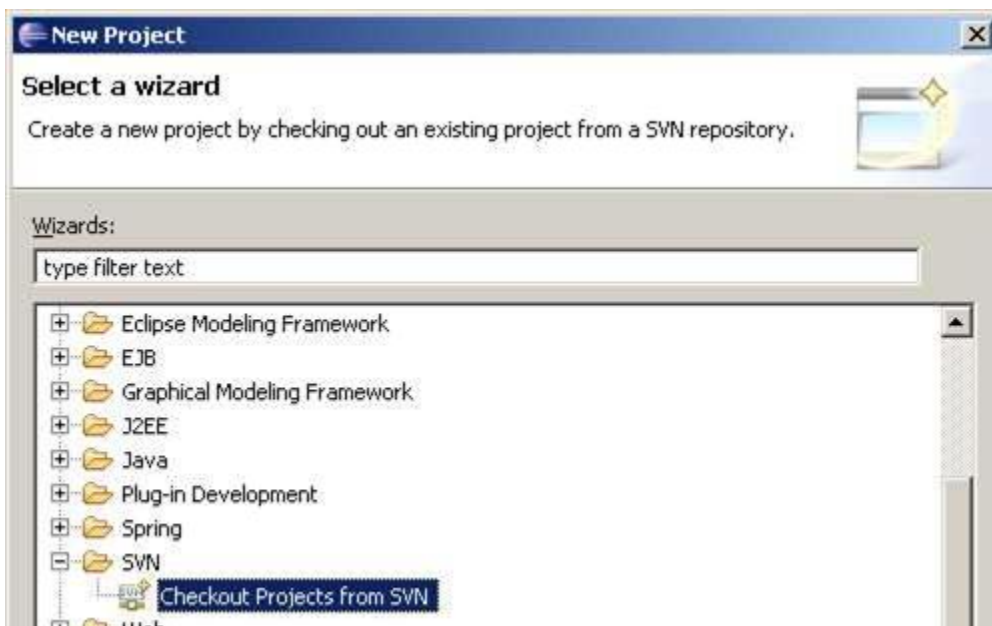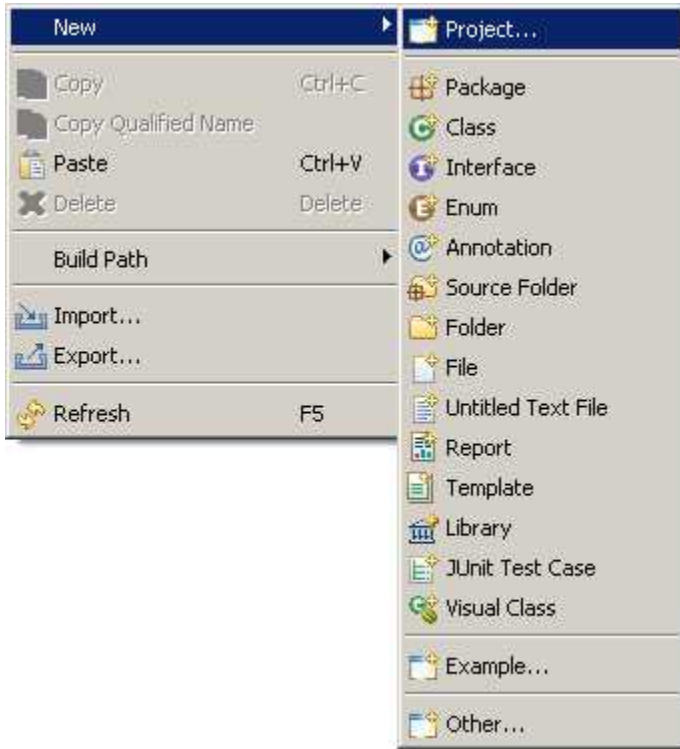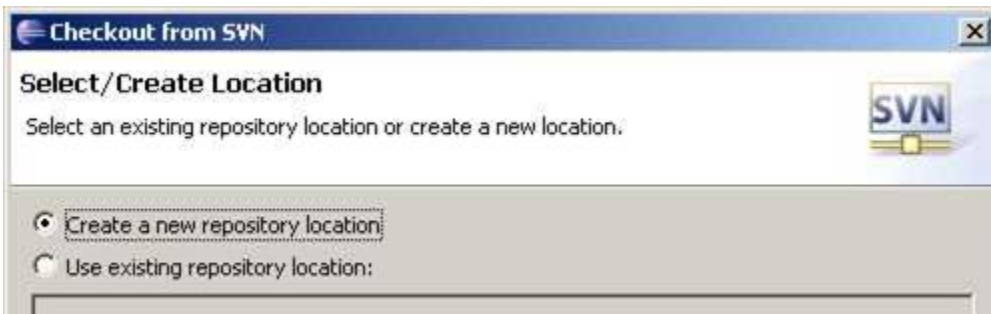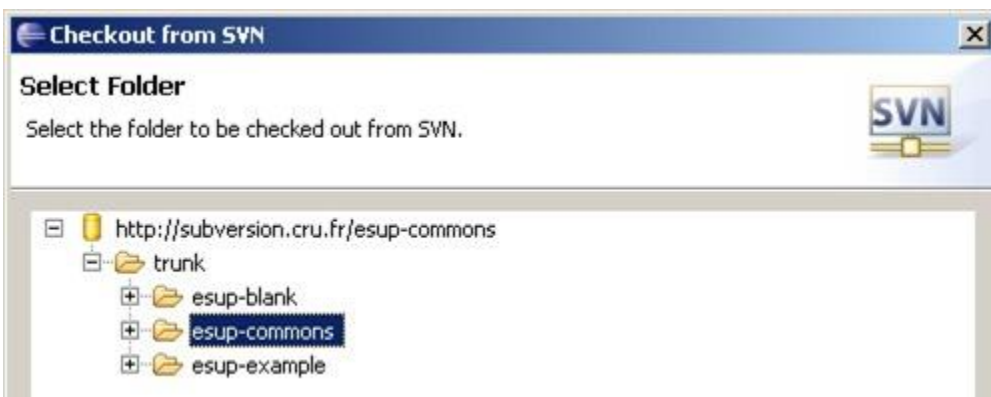
- Checkout from the SVN repository
- Create the folders
- Configure the source folder, the build path and the libraries
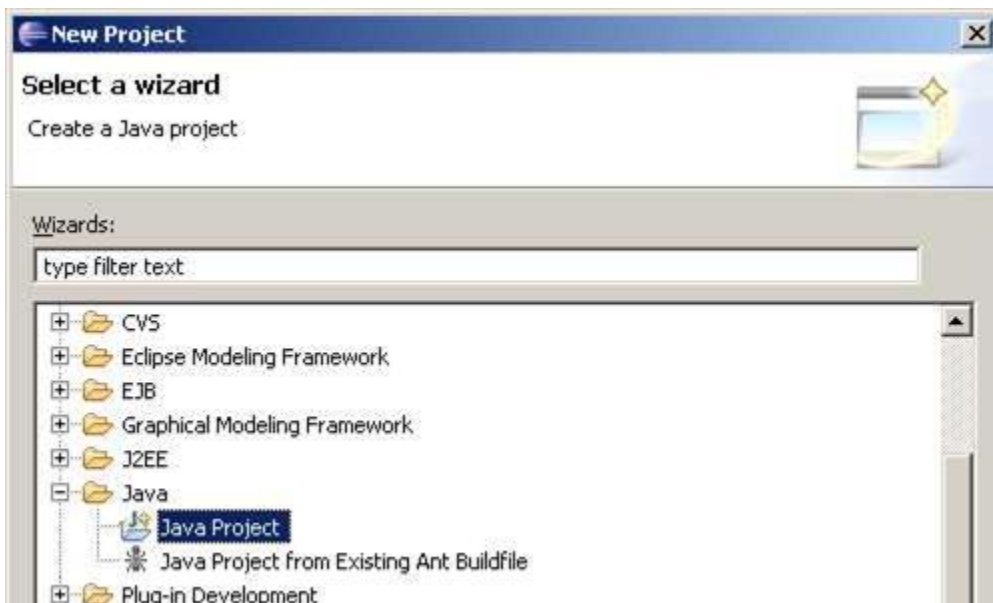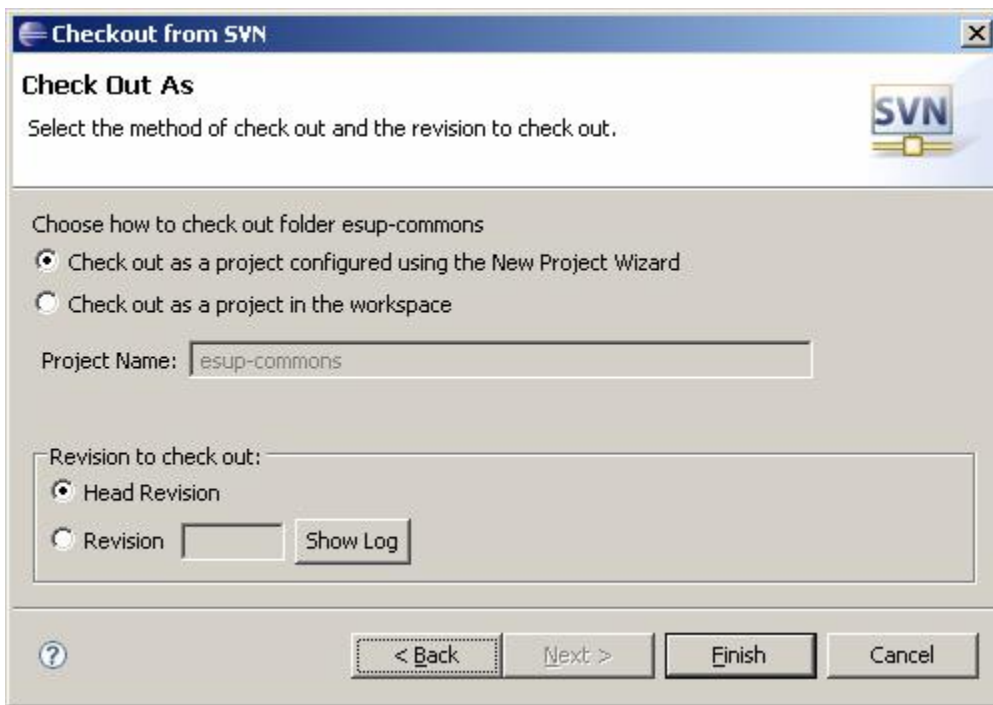- Apply Checkstyle to the esup-commons project
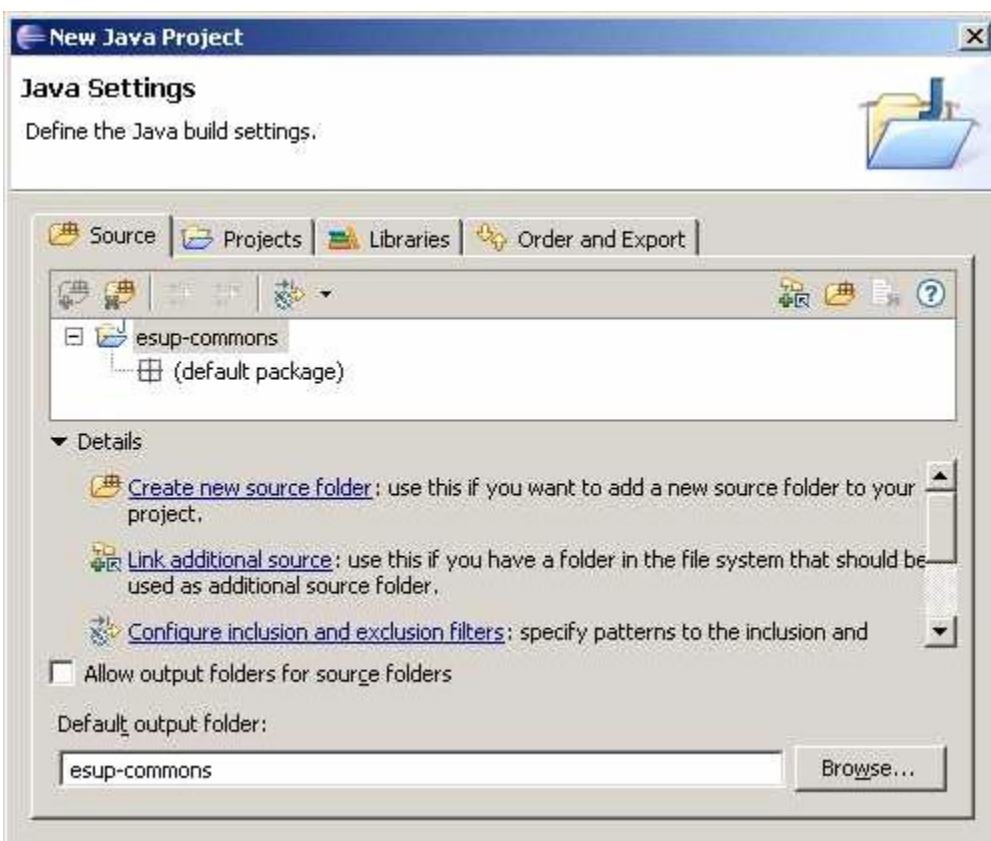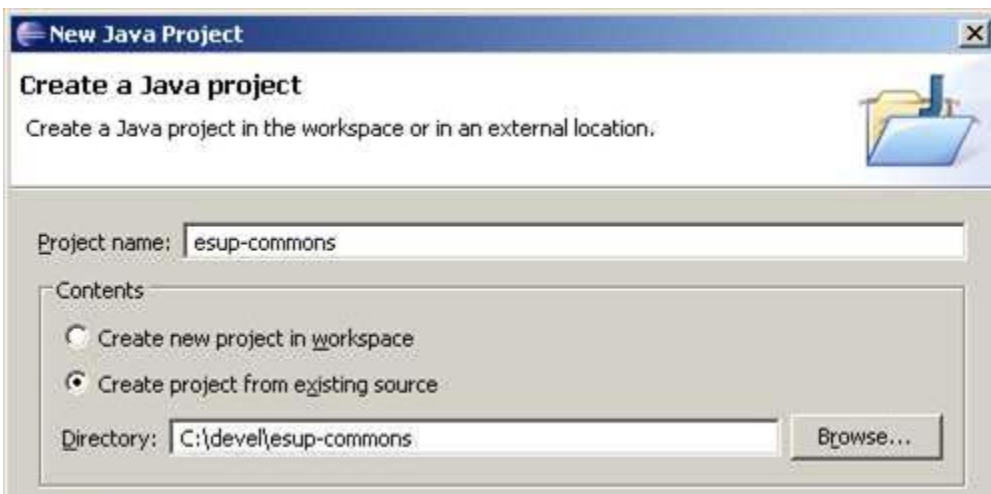
Checkout from the SVN repository

Use this location instead: **http://subversion.cru.fr/esup-commons/branches/trunk-1.3.x/esup-commons**!

Create a new folder for the project (**c:\devel\esup-commons**), and create the project itself:

New Java Project

Create a Java project
Create a Java project in the workspace or in an external location.

Project name: esup-commons

Contents
- ○ Create new project in workspace
- ● Create project from existing source

Directory: C:\devel\esup-commons   [Browse...]

New Java Project

Java Settings
Define the Java build settings.

[Source | Projects | Libraries | Order and Export]

- ☐ esup-commons
  - ⊞ (default package)

▼ Details

🔲 Create new source folder: use this if you want to add a new source folder to your project.

🔲 Link additional source: use this if you have a folder in the file system that should be used as additional source folder.

🔲 Configure inclusion and exclusion filters: specify patterns to the inclusion and

☐ Allow output folders for source folders

Default output folder:

esup-commons   [Browse...]

✓ The project is empty at this step, the *build path* will be configured later.

Confirm Overwrite

❓ The project you created, esup-commons, contains resources other than the standard .project file. If any of those resources have the same name and relative location of a resource you are checking out, the local resource will be replaced with the resource from the repository.
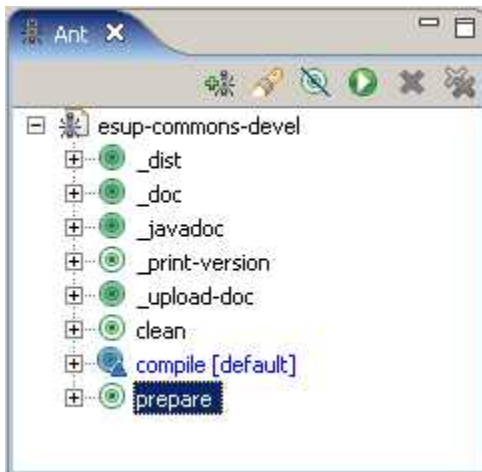
[OK]   [Cancel]
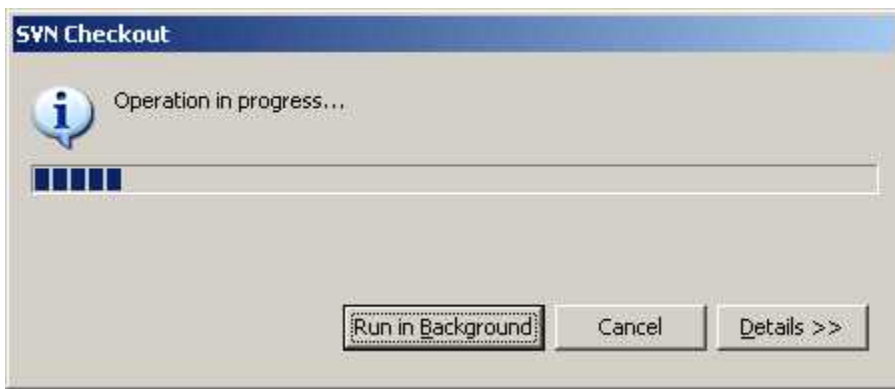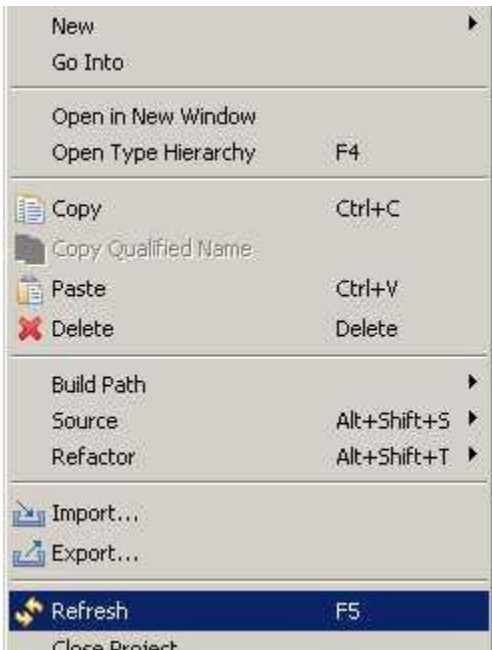
Create the folders

Drag the file **build.xml** to the *ant* view:
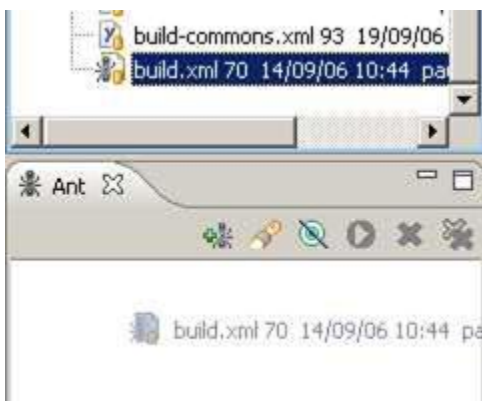
Launch the **prepare** task (the folder **/build/WEB-INF/classes** will be created, it is needed to configure the *build path*).
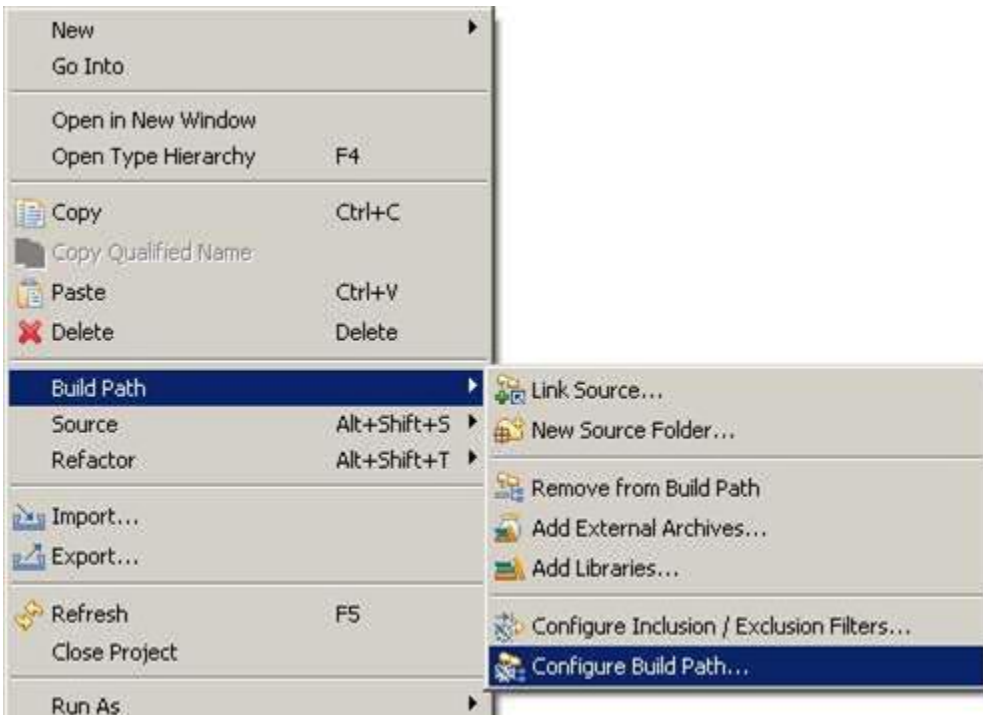

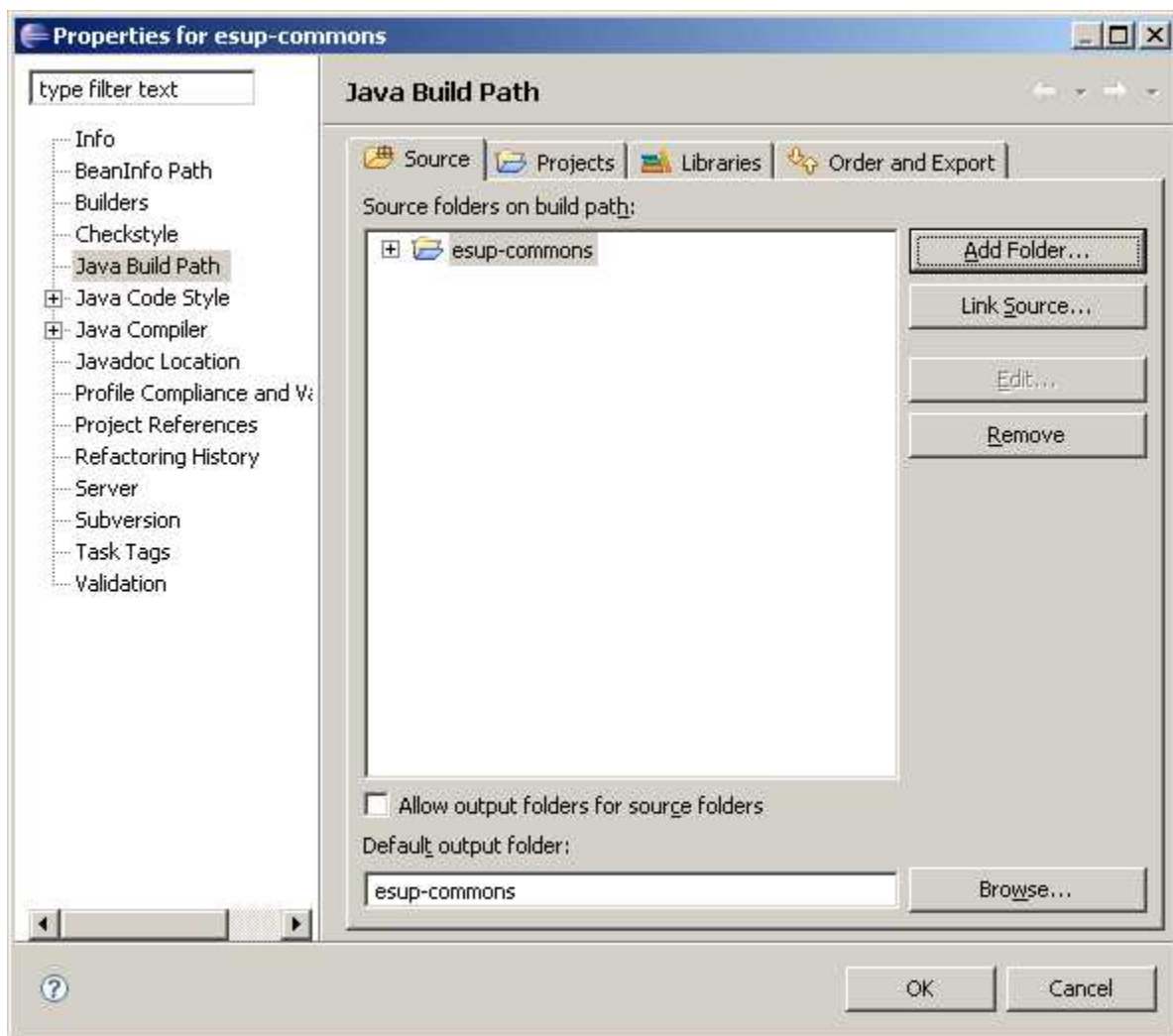Refresh the project to show the folder **/build/WEB-INF/classes**:

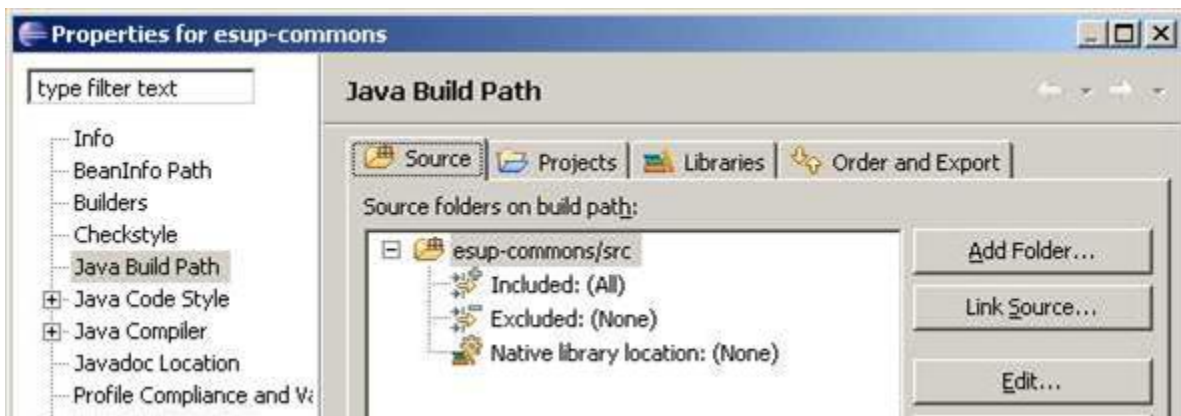Refresh the *ant* view to clear remaining errors.

Configure the source folder, the build path and the libraries
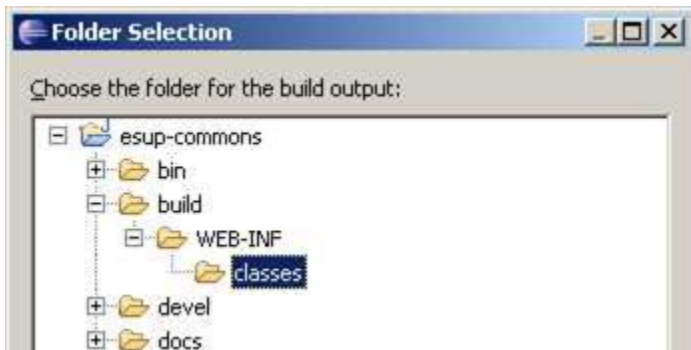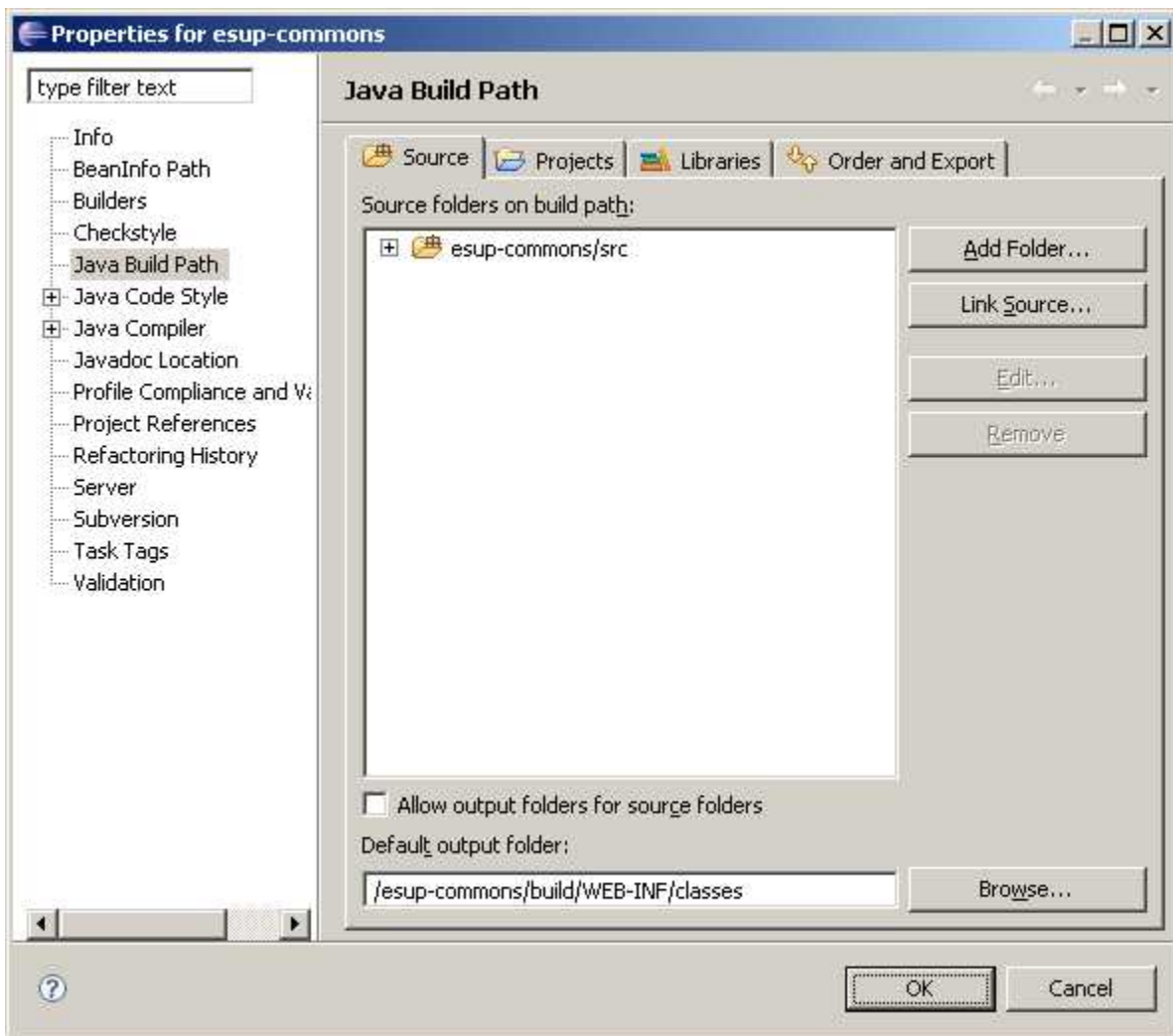
Configure the *build path*:

Define the folder **/src** as the source folder of the project:

Properties for esup-commons

type filter text

- Info
- BeanInfo Path
- Builders
- Checkstyle
- Java Build Path
- Java Code Style
- Java Compiler
- Javadoc Location
- Profile Compliance and Vi
- Project References
- Refactoring History
- Server
- Subversion
- Task Tags
- Validation

Java Build Path

Source | Projects | Libraries | Order and Export

Source folders on build path:

esup-commons

Add Folder...
Link Source...
Edit...
Remove

Allow output folders for source folders

Default output folder:

esup-commons   Browse...

OK   Cancel

Source Folder Selection

Select the source folder:

esup-commons
- devel
- docs
- src
- utils
- webapp

Source Folder Added

Do you want to remove the project as source folder and update build output folder to 'esup-commons/bin'?
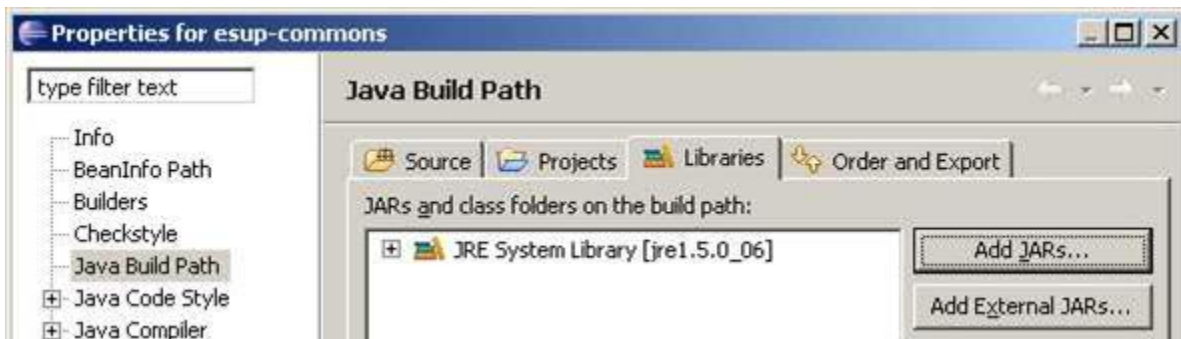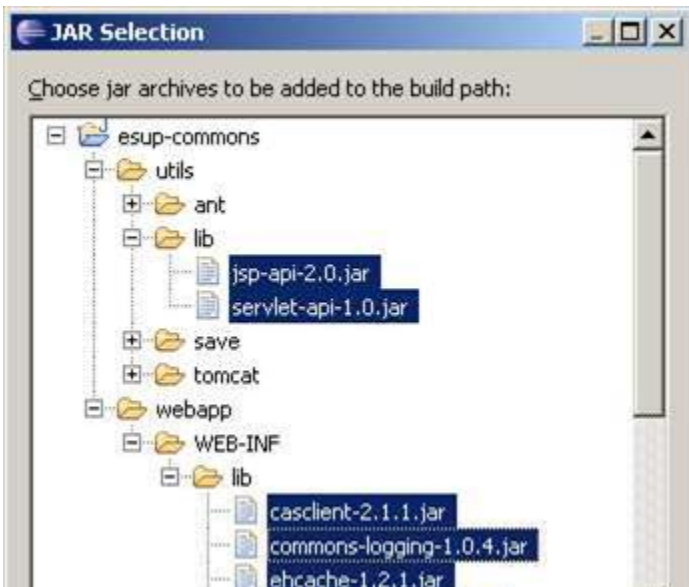
Yes   No

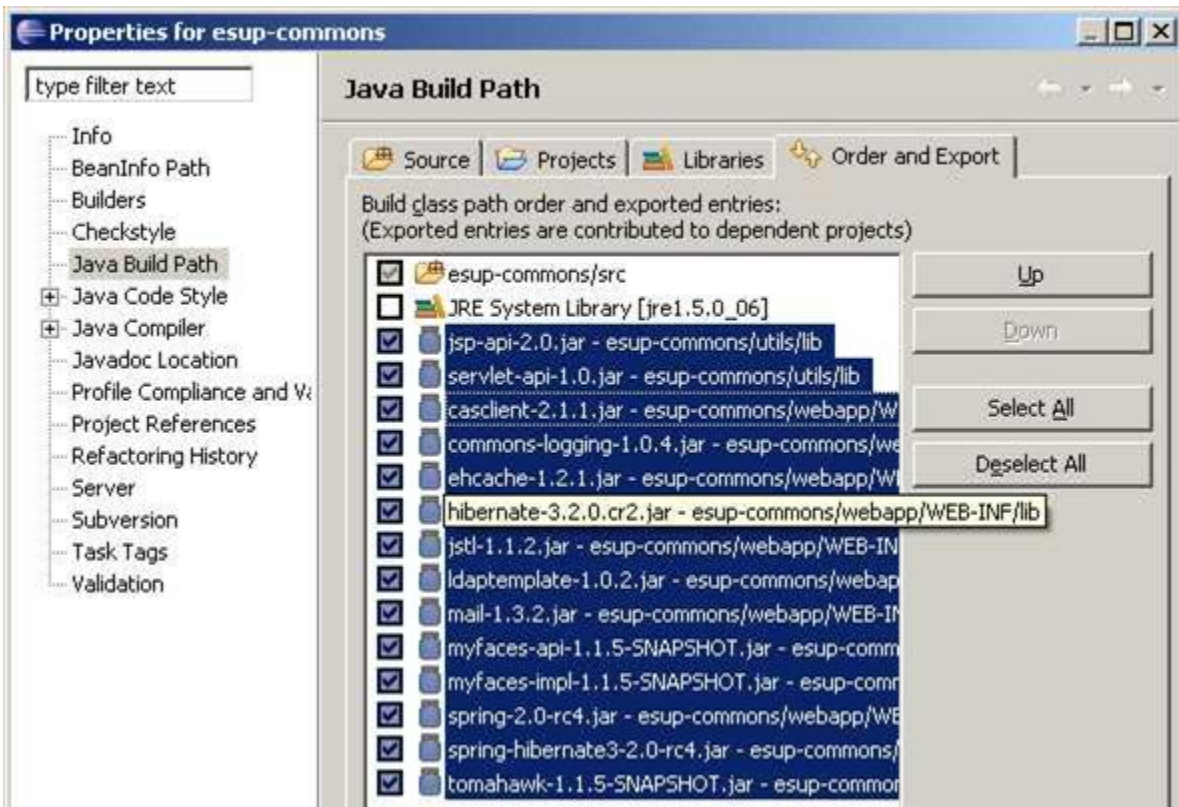Update the output folder used by the compiler:

Add all the libraries of folders **/utils/lib** and **/webapp/WEB-INF/lib** (they are not all present on the screenshot below):
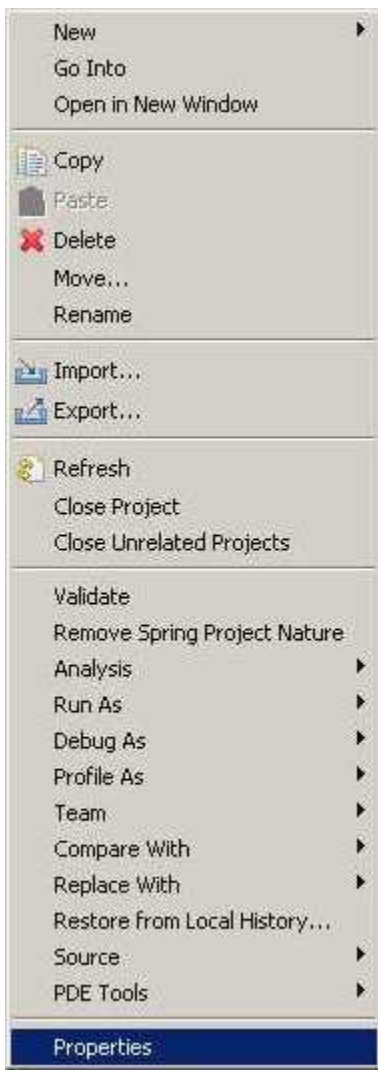
Export the libraries to make them available to all the projects that will later depends on the *esup-commons* project:
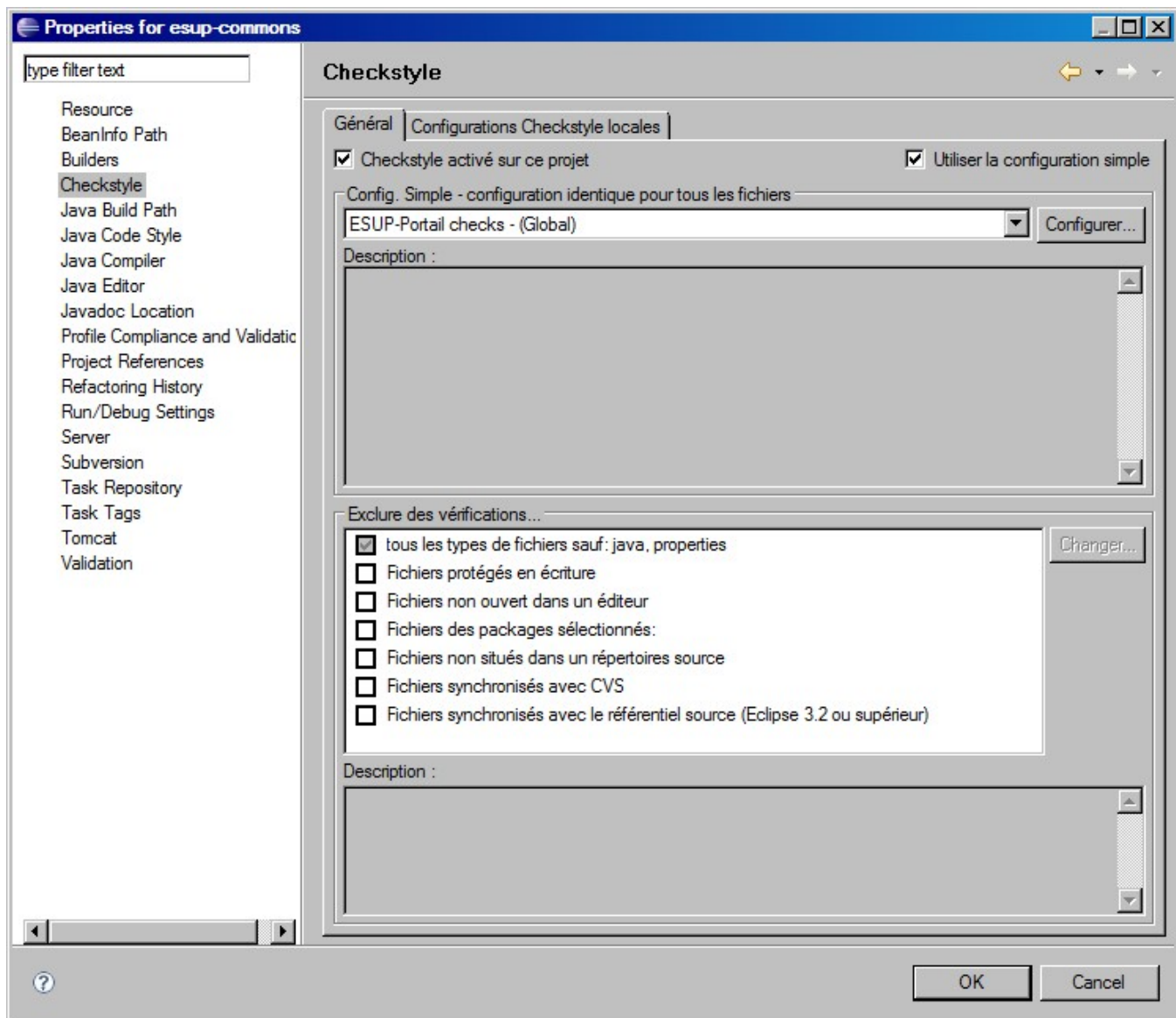

Apply *Checkstyle* to the *esup-commons* project

Right-click on the project to edit its properties:

New	▶
Go Into	
Open in New Window	
Copy	
Paste	
Delete	
Move…	
Rename	
Import…	
Export…	
Refresh	
Close Project	
Close Unrelated Projects	
Validate	
Remove Spring Project Nature	
Analysis	▶
Run As	▶
Debug As	▶
Profile As	▶
Team	▶
Compare With	▶
Replace With	▶
Restore from Local History…	
Source	▶
PDE Tools	▶
Properties	

Enable *Checkstyle* for the project:

Checkstyle warning messages should now appear in the *Problems* view.

The *esup-commons* project is now ready to be used.