

Accessing the source code of Epsilon from CVS

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Introduction

The purpose of this document is to describe the process of setting up a local copy of the source code of Epsilon from the Eclipse CVS server (**dev.eclipse.org**) using Eclipse 3.2.

Prerequisites

Download and install Eclipse 3.2 and the latest version of EMF.

Accessing the code

1. Switch to the **CVS Repository Exploring** perspective (from the **Window->Open Perspective->Other...** menu)
2. Click the **Add CVS Repository button** (📁📁) on the **CVS Repositories** view and enter the following configuration details (no password required for user **anonymous**):

Add CVS Repository

Add a new CVS Repository

Add a new CVS Repository to the CVS Repositories view

Location

Host: dev.eclipse.org

Repository path: /cvsroot/technology

Authentication

User: anonymous

Password:

Connection

Connection type: pserver

☒ Use default port

☐ Use port:

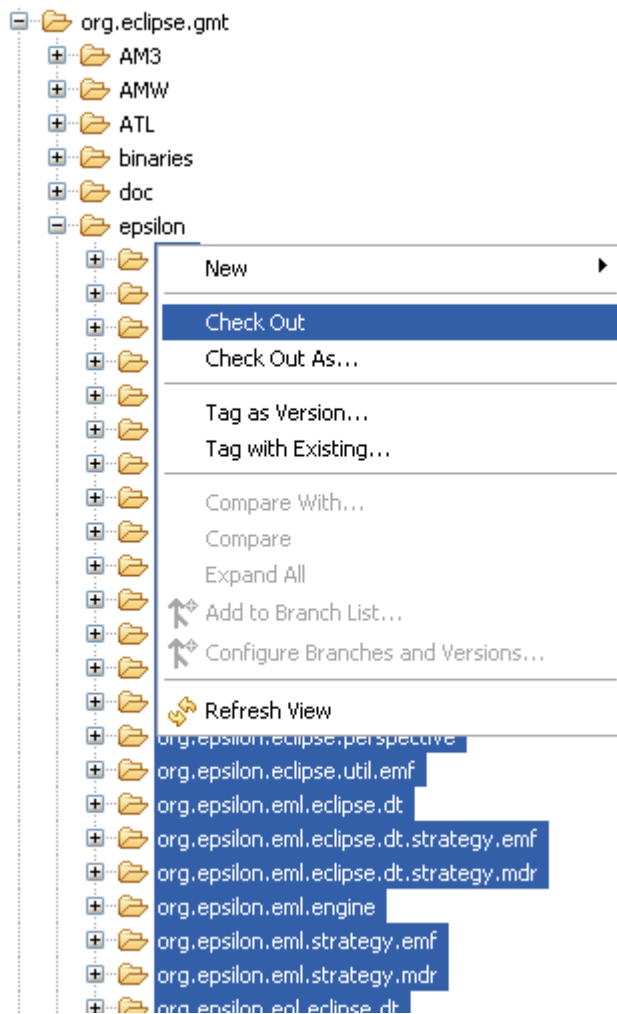
☒ Validate connection on finish

☐ Save password

⚠ Saved passwords are stored on your computer in a file that is difficult, but not impossible, for an intruder to read.

Finish Cancel

3. Open the **HEAD** (↑) node and navigate to **org.eclipse.gmt/epsilon**
4. Select all the sub-folders of **epsilon**, right-click and check them out as follows:



Adding the external libraries

Due to licensing reasons, some libraries required by Epsilon such as ANTLR (<http://www.antlr.org>) and MDR (<http://mdr.netbeans.org>) cannot exist in the Eclipse CVS server. Therefore, users have to download and install the following libraries separately. Users can download the files either from their respective websites. However, to make things easier, we have also compiled a zip file containing the necessary files available at:

<http://www-users.cs.york.ac.uk/~dkolovos/epsilon/EpsilonLibraries.zip>

ANTLR

antlr-2.7.5.jar must be placed in the **org.epsilon.dependencies** directory.

MDR

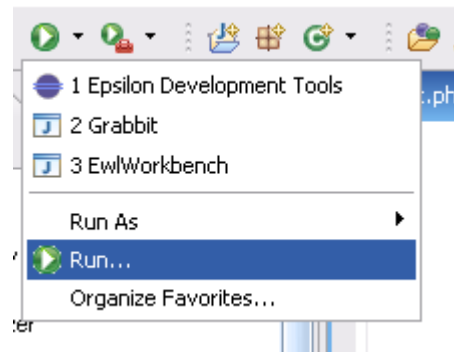
Files:


jmi.jar
jmiutils.jar
mdrapi.jar
mof.jar
nbmdr.jar
openide-util.jar

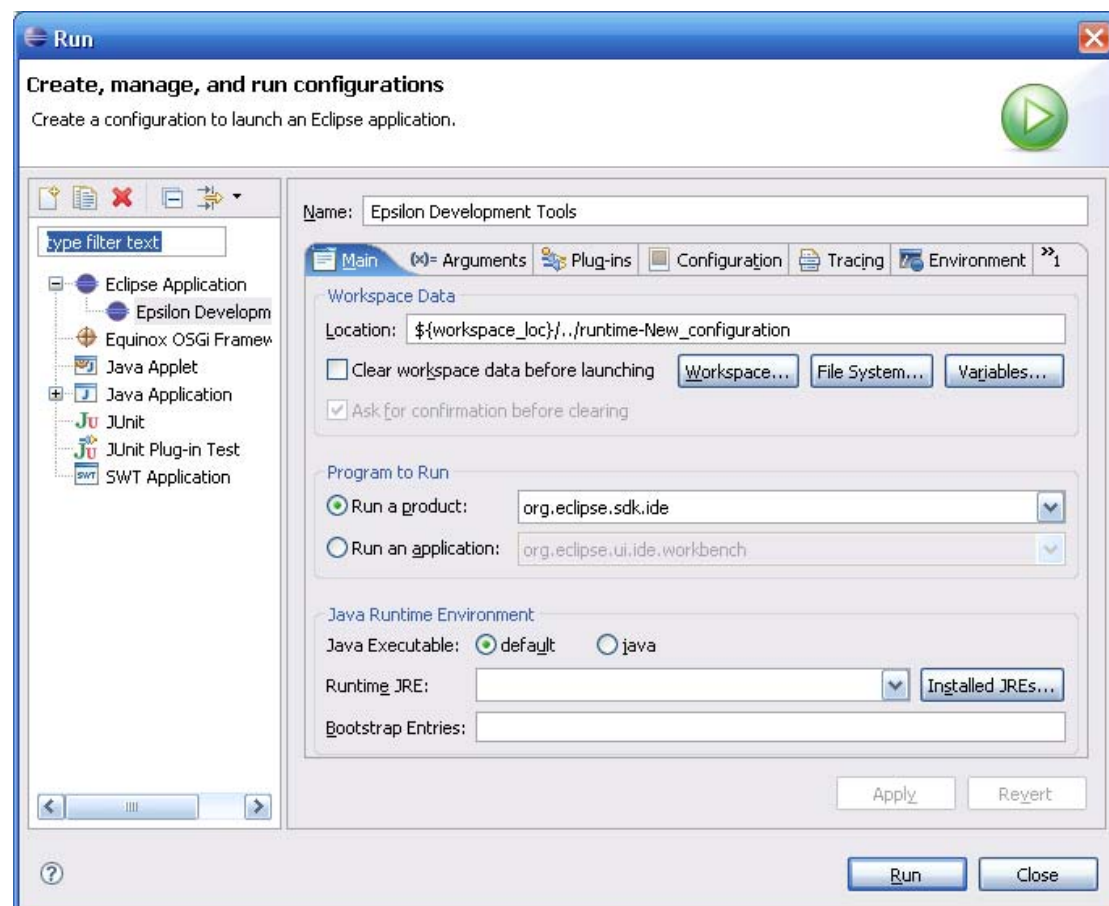
must be placed in the `org.epsilon.eol.models.mdr.dependencies` directory.

Launching Epsilon

Now switch to the **Plug-in Development Perspective** (from **Window->Open Perspective->Other...**) and click the **Run** menu



and in the dialog that appears, create a new **Eclipse Application** launch configuration by selecting the **Eclipse Application** node and clicking the **New Launch Configuration** () button.



Now click the Run button on the bottom right of the dialog. A new instance of Eclipse should start.