

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+, the latest version of EMF and (optionally) the latest version of GMF.

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 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:

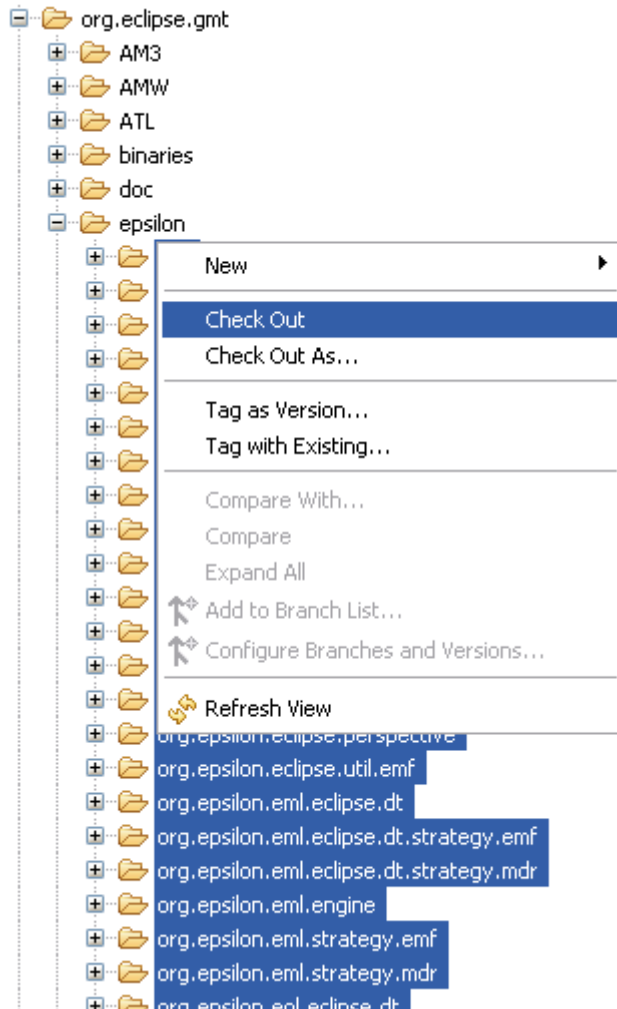
☒ Validate connection on finish

☐ 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 the sub-folders of **epsilon** that start with the **org.epsilon** prefix, right-click and check them out as follows (it is only if you check out the **org.epsilon.evl.eclipse.gmf** GMF integration project that you will need GMF):



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. To make things easier, we have 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

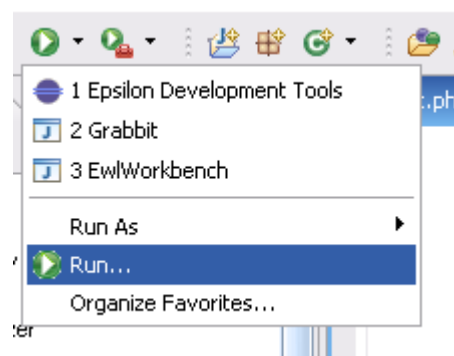
nbmdr.jar


openide-util.jar

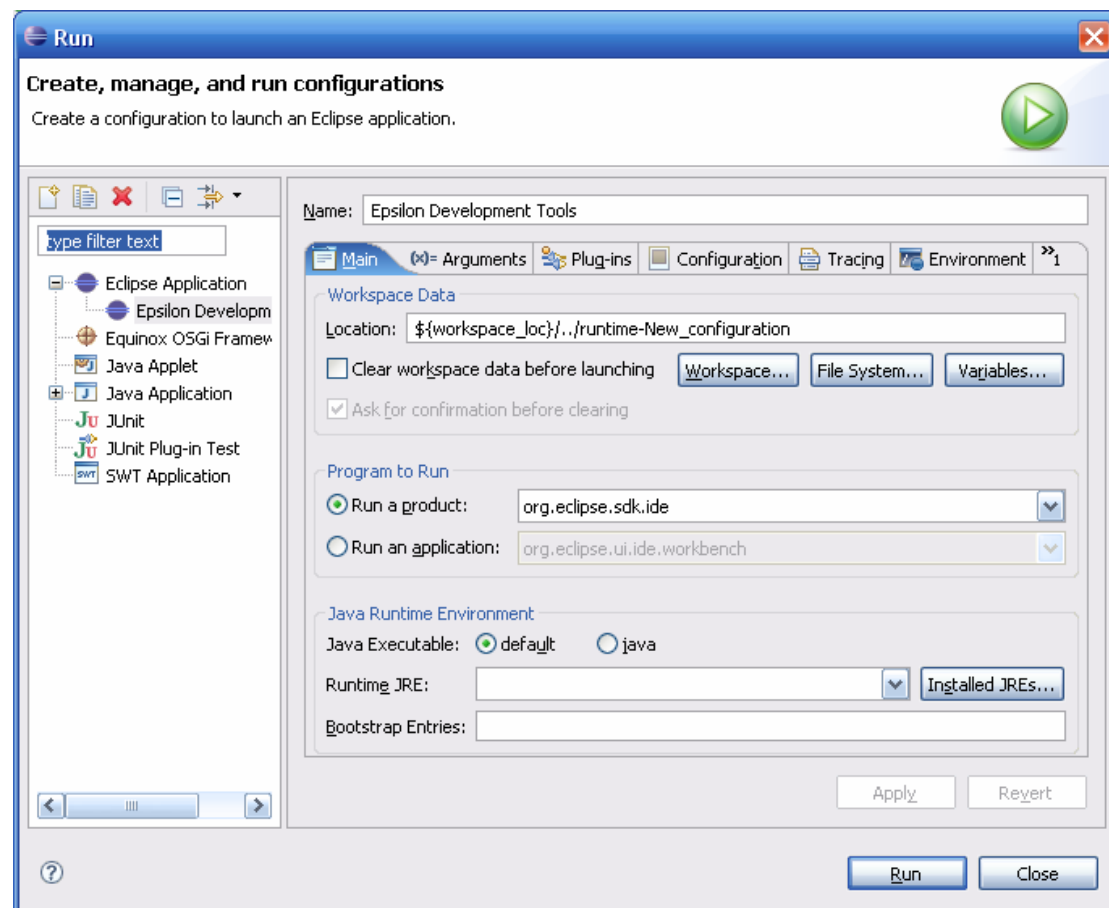
must be placed in the **org.epsilon.eol.models.mdr.dependencies** directory.

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.