

# Accessing the Source Code of Epsilon from CVS

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## Introduction

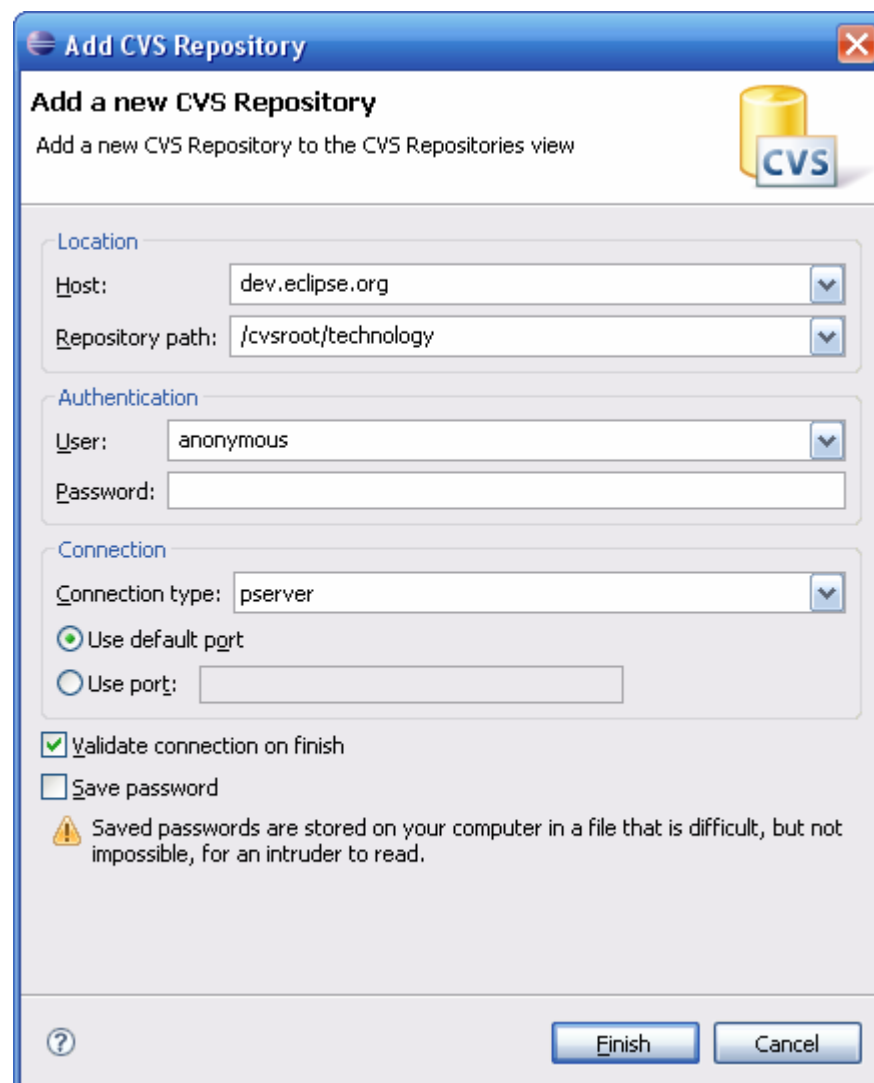
The purpose of this document is to describe the process of setting up a local copy of the source code of Epsilon from the Eclipse CVS server (**dev.eclipse.org**) using Eclipse 3.2+.

## Prerequisites

Download and install Java 1.6, 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:

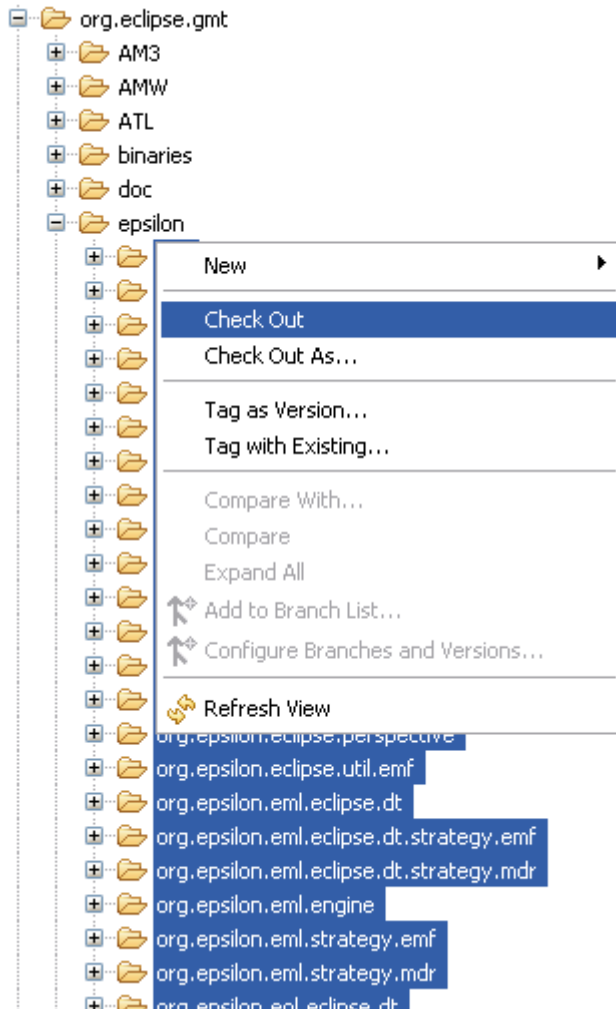
☒ Validate connection on finish

☐ 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.eml.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**

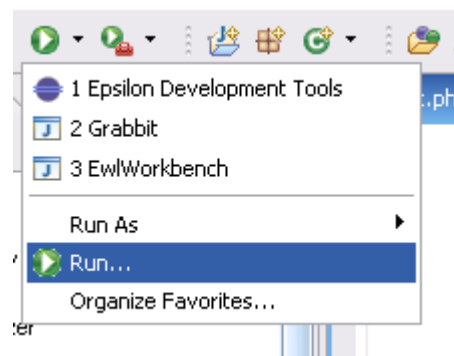
**nbmdr.jar**


**openide-util.jar**

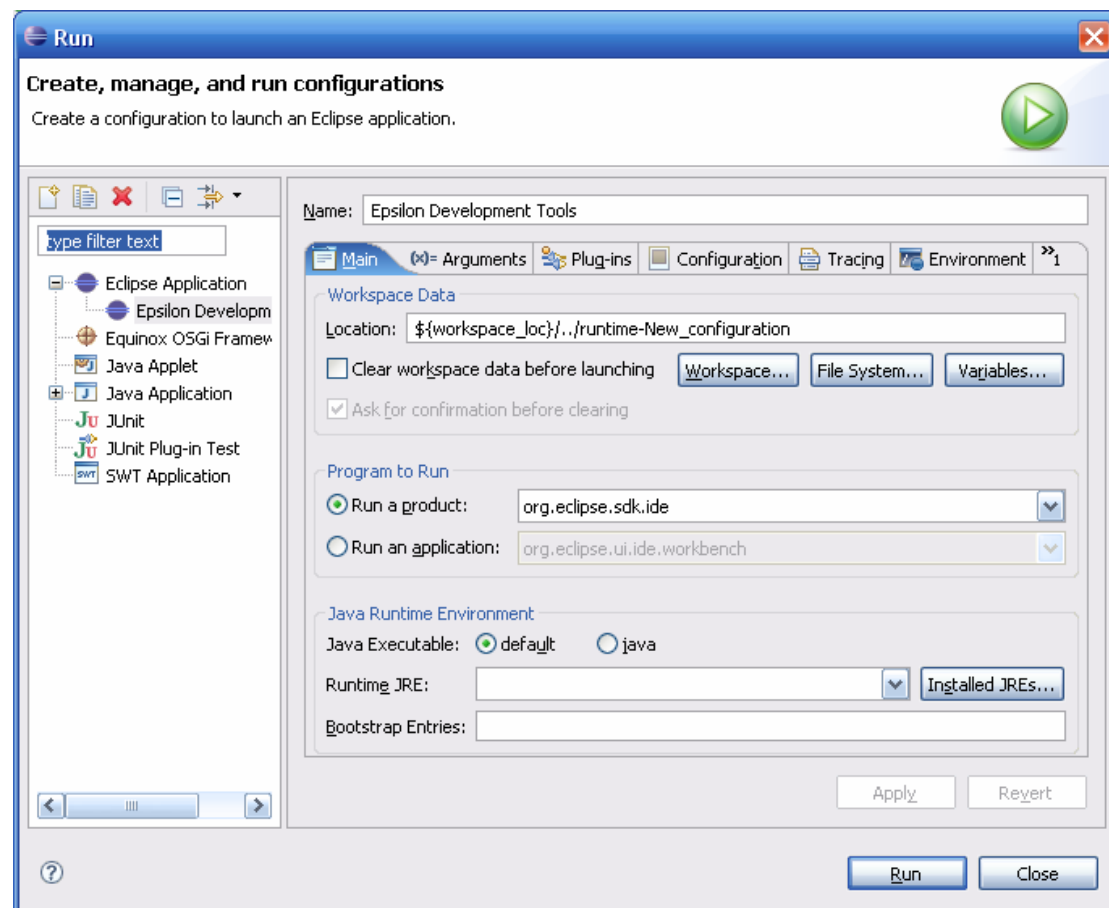
must be placed in the **org.epsilon.eol.models.mdr.dependencies** directory.

## 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.