

Installing the Epsilon Plug-ins

Dimitrios Kolovos

Dept. of Computer Science, The University of York

dkolovos@cs.york.ac.uk

Introduction

The purpose of this document is to describe the process of installing the Epsilon plug-ins.

Installing Prerequisites

Download and install Eclipse and the latest version of EMF. Eclipse can be downloaded from www.eclipse.org. Instructions on how to install EMF are available at <http://www.eclipse.org/modeling/emf/updates/>.

Installing Epsilon

To install Epsilon please follow the instructions below:

1. Go to **Help->Software Updates->Find and Install...**
2. Select **Search for new features to install** and press **Next**
3. In the next dialog press **New Remote Site...**
4. In the dialog that pops up enter **Epsilon** in the Name field and <http://www.eclipse.org/downloads/download.php?file=/technology/gmt/epsilon/org.epsilon.eclipse.update.site/site.xml&format=xml&r=1> in the URL field.
5. Press **OK**
6. In the next screen select **Epsilon** and press **Next**
7. Review the **Feature Licence** and if you agree select the **I accept the terms in the licence agreement** and press **Next**
8. Press **Finish**
9. After the necessary files have been downloaded, the **Verification** dialog appears. Press **Install**.
10. Eclipse prompts for a restart. Press **No** and **close** Eclipse manually
11. The installation process is not complete yet! Please read the following section carefully.

Installing Dependencies

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 servers. Therefore, users have to download and install the following libraries separately. Users can download the files either 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 **plugins/org.epsilon.dependencies** directory.

MDR

Files:

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

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

Installing Emfatic (Optional)

Emfatic (<http://www.alphaworks.ibm.com/tech/emfatic/>) is a textual notation for defining ECore metamodels. (The IBM website requires free registration to allow you to download but it is really worth the trouble). Complete installation instructions are available in the zipped archive.

Launching Epsilon

Start Eclipse (preferably using the **–clean** switch to ensure that Eclipse will load them properly)