



FAKULTÄT FÜR
INFORMATIK

How to Extend FeatureIDE

Thomas Thüm

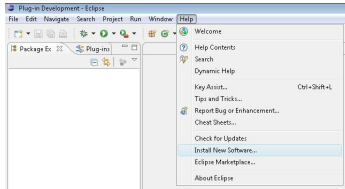
July 13, 2010

Preparing Eclipse 1/4

1. Download Eclipse: <http://www.eclipse.org/downloads/>
 - ▶ 3.6 (Helios) is recommend (should also work with 3.4 and 3.5)
 - ▶ Choose "Eclipse for RCP and RAP Developers" that you can access sources of Eclipse standard plug-ins
2. Unzip Eclipse
 - ▶ Make sure that you have all permissions for the directory (do not use Windows' program files folder)
3. Create a shortcut, add VM parameters: `.../eclipse.exe -vmargs -Duser.name="Name Surname" -Xmx1024M`
 - ▶ Eclipse can automatically insert your name as author
 - ▶ Avoids OutOfMemoryException
4. Start Eclipse and create a new workspace

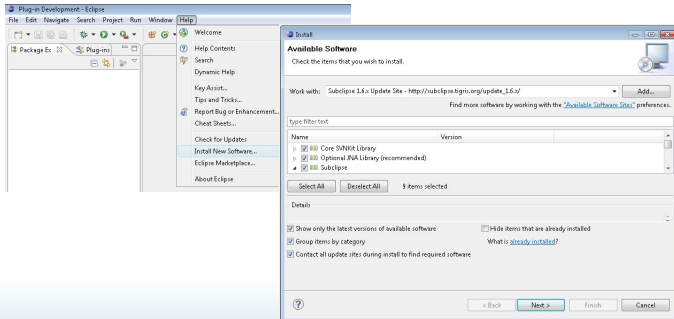
Preparing Eclipse 2/4

5. Install Subclipse using Eclipse update mechanism
http://subclipse.tigris.org/update_1.6.x
6. Install CDT (can be skipped if you not intend to work with the FeatureC++ plugin) <http://download.eclipse.org/tools/cdt/releases/helios>



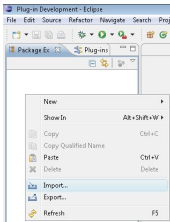
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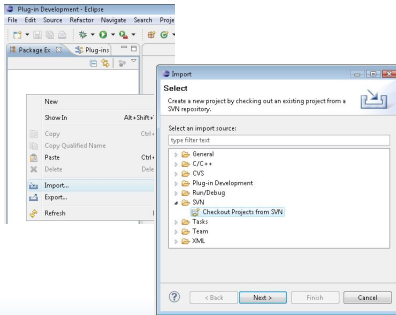
Preparing Eclipse 3/4

7. Download FeatureIDE plugins from our SVN repository
<https://faracvs.cs.uni-magdeburg.de/svn/tthuem-FeatureIDE>
 - ▶ login: anonymous, no password, path: /trunk/plugins



Preparing Eclipse 3/4

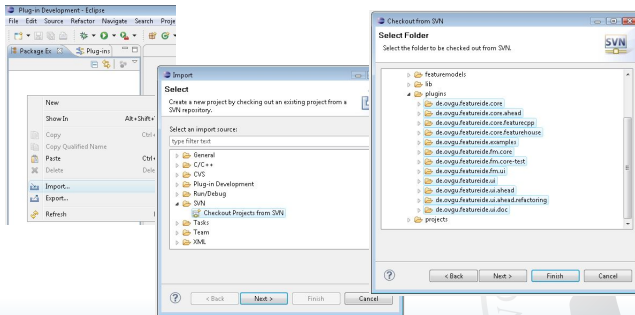
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Preparing Eclipse 3/4

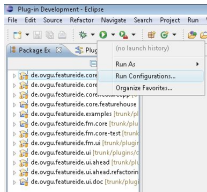
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Preparing Eclipse 4/4

8. Create a new run configuration for Eclipse Applications and enable debug tracing for all FeatureIDE plugins (named `de.ovgu.featureide.*`)



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