User Manual for RUCM Tool

System Requirements

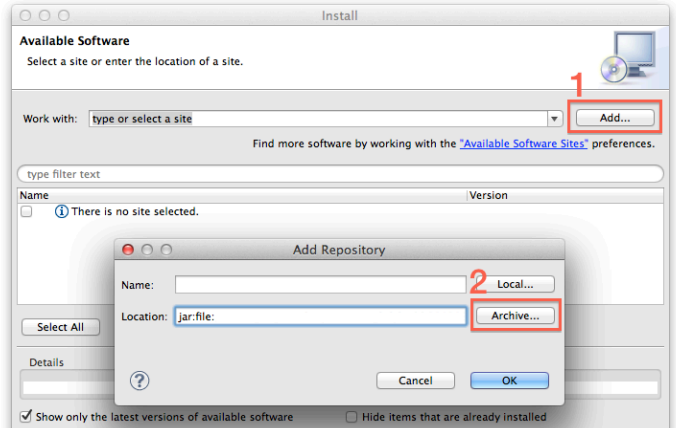
- Operation system: **Mac OS X** or **Windows**
- Eclipse: **4.2 Juno or higher version** (modeling package recommended, download here)
- Java Runtime Environment (JRE): **1.6 only** (download here)

  Note that JRE 1.7 is not supported currently. If you have a computer that already installed JRE 1.7, you need to manually install another JRE 1.6 and configurate Eclipse to run with that JRE by explicitly specifying JVM path in "eclipse.ini" file. For Mac users, you can use this small tool to check all the JREs that already installed in the system (with the JVM location), instead of typing terminal commands.

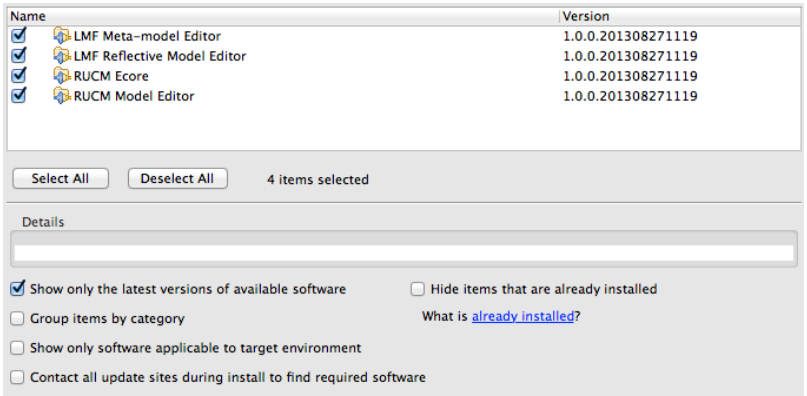
How to install

The installation package (".zip" file) is an Eclipse archived update site. If you have already known how to install it in Eclipse, you can skip the steps below.

1. Start up Eclipse, click "Help" menu, then click "Install New Software...".
2. Click "Add..." button, then select the zip file from "Archive..." button, then "OK".



3. Select all the features provided (4 items), then click "Next >".



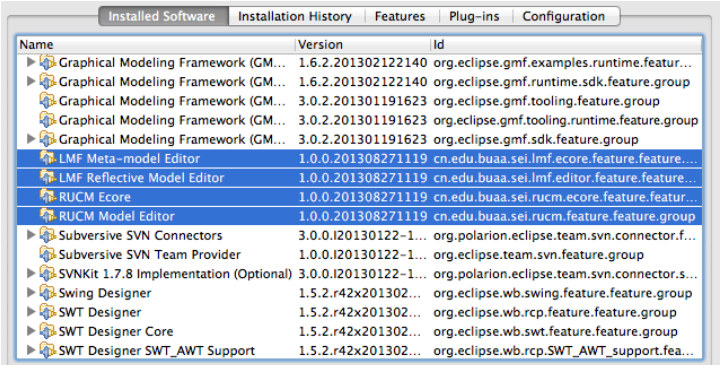
4. Follow the guide and finish the wizard. If you got a security warning, click "OK" to continue.
5. Restart Eclipse.

To check if the tool installed successfully, just click "Window"->"Open Perspective" menu and select "Other...". If you can see "RUCM" in the list, that means the tool is ready for use.

(The steps above can be also applied for upgrade.)

How to uninstall

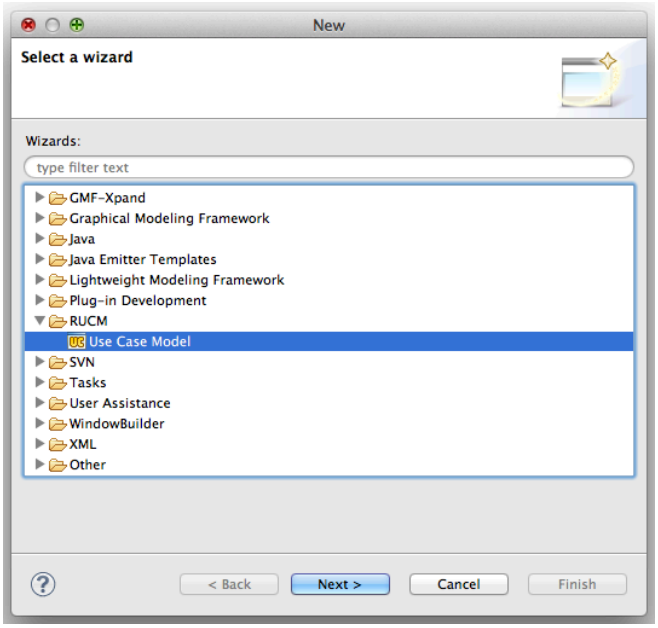
1. Start up Eclipse, click “Help” menu, then click “Install New Software...”.
2. Click “What is already installed” link in the dialog.
3. Select the four items below, then click “Uninstall...” button.



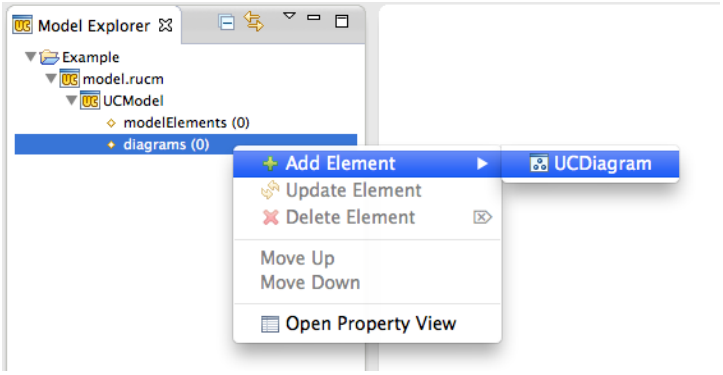
4. Finish the wizard and restart Eclipse.

Get started

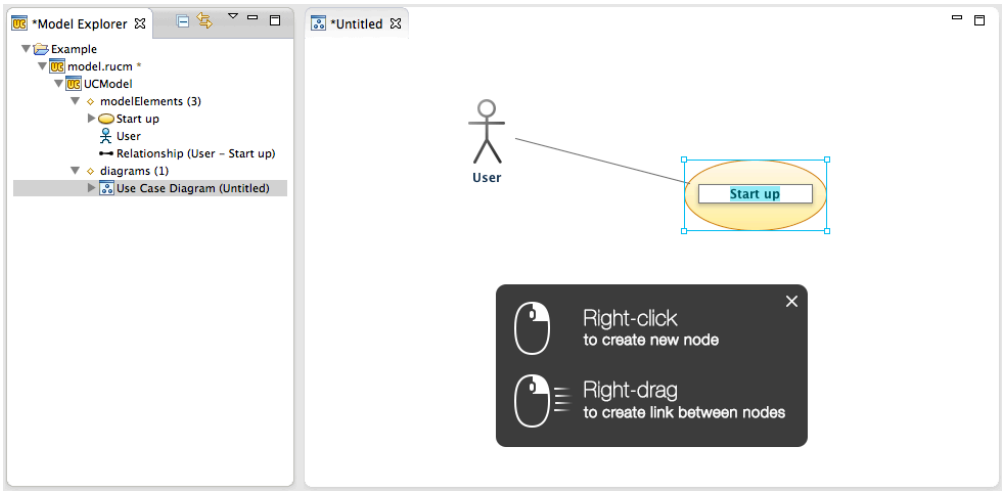
In “RUCM” perspective, you can see “Model Explorer” on the left side and “Property” view on the right side by default. To create a new use case model, using “File” -> “New” -> “Other...” menu command. Select “Use Case Model” in the dialog and finish the wizard. The model file can be put at any project in the workspace.



To create a diagram, using the context menu in Model Explorer:

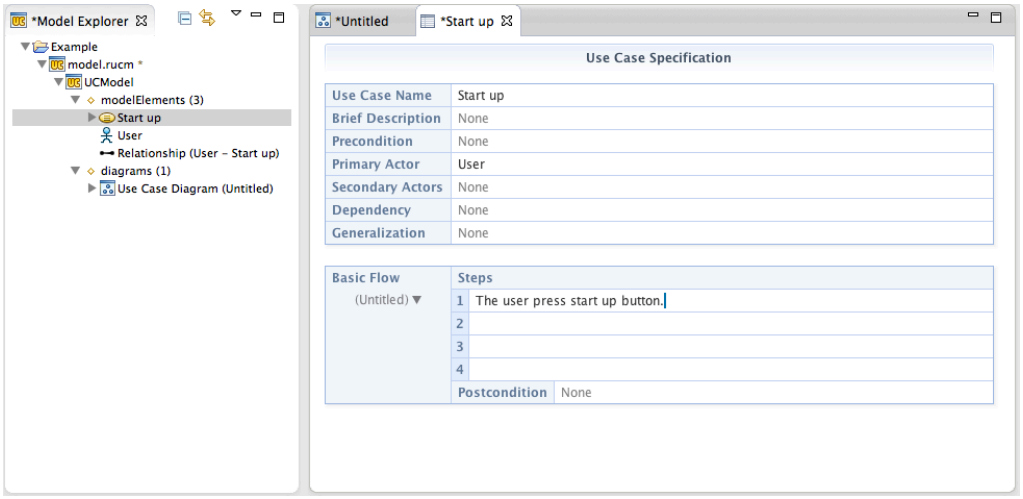


Double-click the diagram node in Model Explorer to open Use Case Diagram Editor:

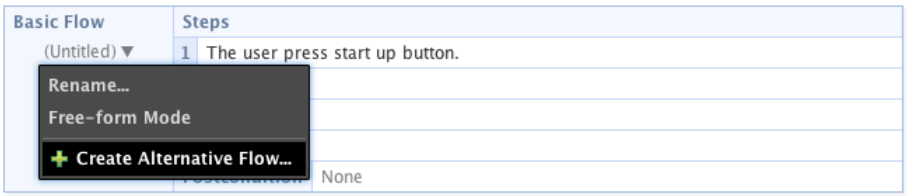


In Use Case Diagram Editor, you can easily create use case, actor and the links between those elements. To create use case or actor, **right-click** the canvas and select the item from pop-up menu. To create a link between two nodes, **right-drag** from one node to another. If it is not convenient to use right button on mouse, you can also press Option (Alt) key on keyboard as a replacement.

The elements created in the Use Case Diagram Editor will also appear under “modelElements” node in Model Explorer. **Double-click** a use case node in Model Explorer to open corresponding use case specification:



Editing specification in Use Case Specification Editor is just like writing a document. The editor will automatically highlight RUCM keywords in the text with different colors. To create an alternative flow, use the drop-down menu under the flow name:



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