How to open YAKINDU-SCCharts Editor

- Install YAKINDU Statechart Tools (SCT) 2.0 from Source Code
- Get YAKINDU extended Editor Source Code
- Add the Source Code to your Eclipse Project
- Eclipse Run Configuration

Install YAKINDU Statechart Tools (SCT) 2.0 from Source Code

Download the BASE module:

svn checkout *http*://svn.codespot.com/a/eclipselabs.org/yakindu/BASE/branches/Extension API/

Download the SCT2 project:

svn checkout *http*://svn.codespot.com/a/eclipselabs.org/yakindu/SCT2/branches/Extension API/

ATTENTION: You still need **svn checkout http://svn.codespot.com/a/eclipselabs.org/yakindu/trunk** for de.itemis.gmf.utils and de.itemis.xtext.utils!

Get YAKINDU extended Editor Source Code

1. change your git branch to wah/mt

   ```
   git checkout wah/mt
   ```

2. get the code

   ```
   git pull
   ```

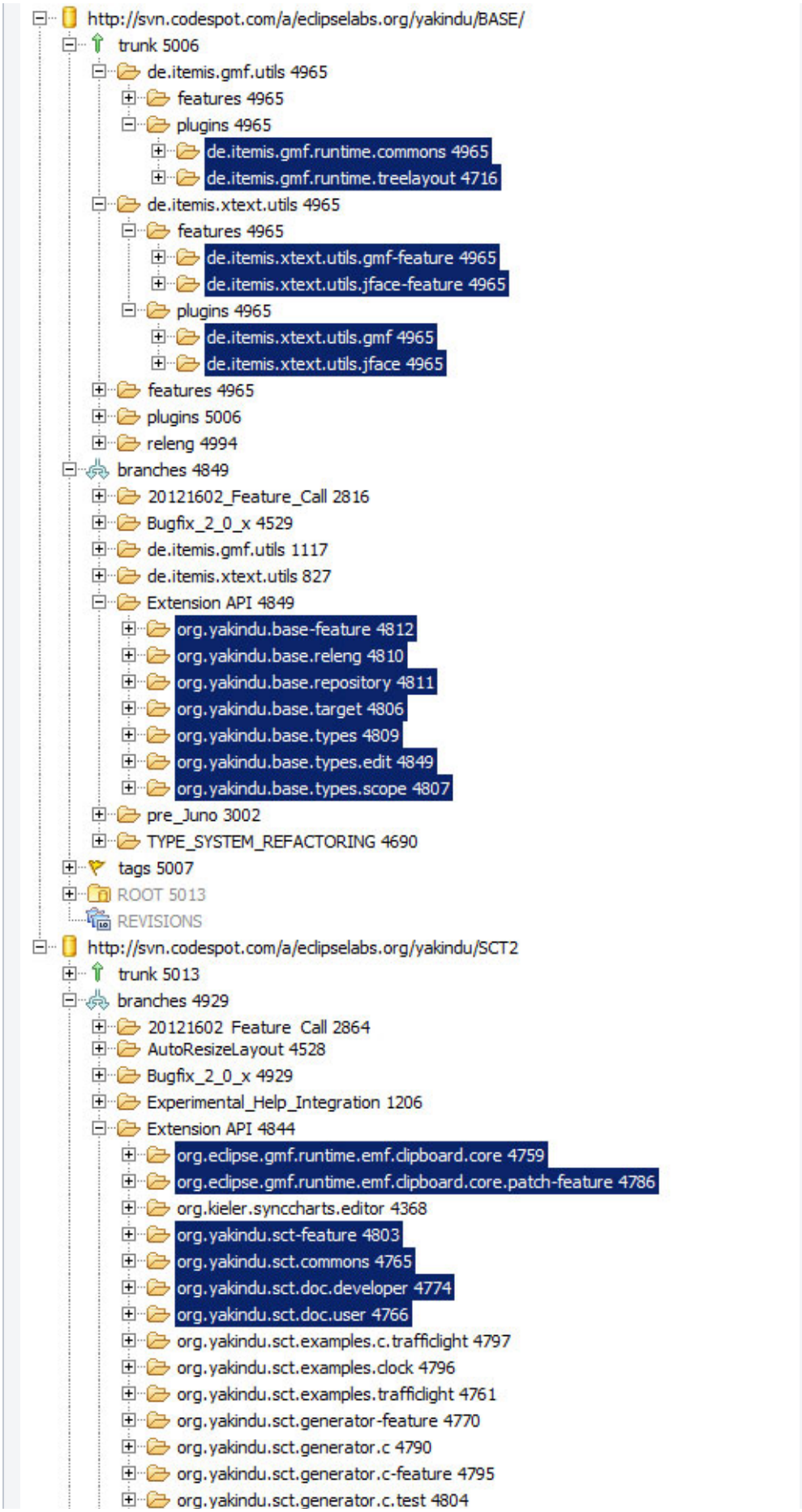
Add the Source Code to your Eclipse Project

1. select from the menu bar **File -> Import**
2. choose **General -> Existing Projects into Workspace** and click **Next**
3. choose select **root directory** and click associated **Browse**
4. under **Projects** select the following projects from KIELER semantics GIT repository at ssh://git@git.rtsys.informatik.uni-kiel.de:7999/KIELER/semantics.git:

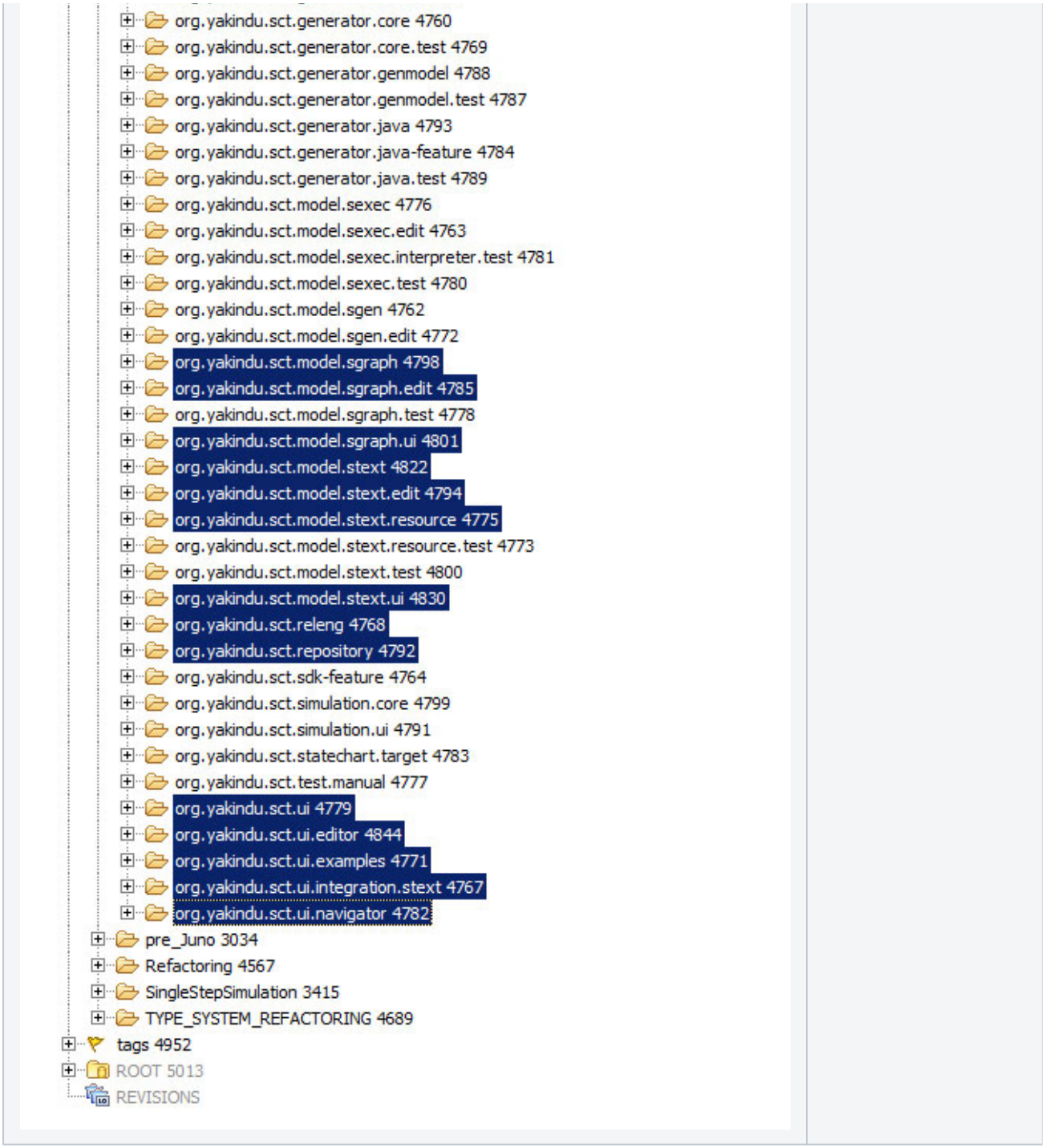
   ```
   de.cau.cs.kieler.yakindu.sccharts.model.scchartstext
   de.cau.cs.kieler.yakindu.sccharts.model.scchartstext.tests
   de.cau.cs.kieler.yakindu.sccharts.model.scchartstext.ui
   de.cau.cs.kieler.yakindu.sccharts.ui.editor
   de.cau.cs.kieler.yakindu.sccharts.ui.integration.scchartstext
   de.cau.cs.kieler.yakindu.synccharts.model.text
   de.cau.cs.kieler.yakindu.synccharts.model.text.tests
   de.cau.cs.kieler.yakindu.synccharts.model.text.ui
   de.cau.cs.kieler.yakindu.synccharts.ui.editor
   de.cau.cs.kieler.yakindu.synccharts.ui.integration.text
   ```

5. under **Projects** select the following projects from itemis yakindu SVN repository:

	The selection of the following listed plugins from the two BASE and SCT2 repositories is illustrated in the left figure:



de.itemis.gmf.runtime.commons-feature
de.itemis.xtext.utils.gmf-feature
de.itemis.xtext.utils.jface-feature
org.yakindu.base-feature
org.yakindu.base.releng
org.yakindu.base.repository
org.yakindu.base.target
org.yakindu.sct.doc.userde.itemis.gmf.runtime.commons
de.itemis.gmf.runtime.treelayout
de.itemis.xtext.utils.gmf
de.itemis.xtext.utils.jface
org.yakindu.base.types
org.yakindu.base.types.edit
org.yakindu.base.types.scope
org.yakindu.sct.commons
org.yakindu.sct.model.sgraph
org.yakindu.sct.model.sgraph.edit
org.yakindu.sct.model.sgraph.ui
org.yakindu.sct.model.stext
org.yakindu.sct.model.stext.edit
org.yakindu.sct.model.stext.resource
org.yakindu.sct.model.stext.ui
org.yakindu.sct.ui
org.yakindu.sct.ui.editor
org.yakindu.sct.ui.integration.stext



6. click **Finish** to start the import

Eclipse Run Configuration

1. Select Run / Run Configurations from the menu.
2. Double click on "Eclipse Application".
3. Give the name. (Example: "YAKINDU Runtime")
4. Select the "Arguments" Tab
5. Add -XX:MaxPermSize=196m to VM arguments

Important notice
To run yakindu properly you need an eclipse container application
To run yakindu in KIELER add kieler.core and kieler.core.ui