

How to open YAKINDU-SCCharts Editor

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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/](http://svn.codespot.com/a/eclipselabs.org/yakindu/BASE/branches/Extension%20API/)

Download the SCT2 project:

svn checkout [http://svn.codespot.com/a/eclipselabs.org/yakindu/SCT2/branches/Extension API/](http://svn.codespot.com/a/eclipselabs.org/yakindu/SCT2/branches/Extension%20API/)

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>:

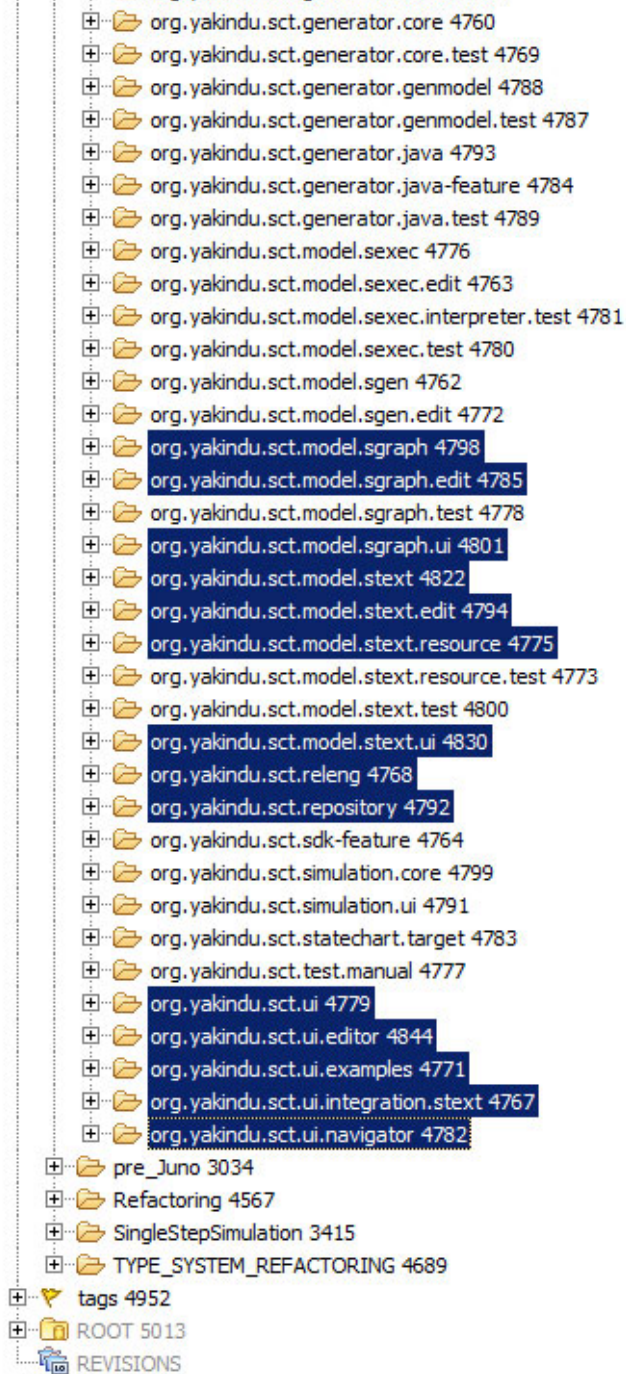
```
de.cau.cs.kieler.yakindu.sccharts.model.scchartstext
de.cau.cs.kieler.yakindu.sccharts.model.scchartstext.tests
de.cau.cs.kieler.yakindu.sccharts.model.scchartstext.ui
de.cau.cs.kieler.yakindu.sccharts.ui.editor
de.cau.cs.kieler.yakindu.sccharts.ui.integration.scchartstext
de.cau.cs.kieler.yakindu.synccharts.model.text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

<http://svn.codespot.com/a/eclipselabs.org/yakindu/BASE/>
 trunk 5006
 de.itemis.gmf.utils 4965
 features 4965
 plugins 4965
 de.itemis.gmf.runtime.commons 4965
 de.itemis.gmf.runtime.treelayout 4716
 de.itemis.xtext.utils 4965
 features 4965
 de.itemis.xtext.utils.gmf-feature 4965
 de.itemis.xtext.utils.jface-feature 4965
 plugins 4965
 de.itemis.xtext.utils.gmf 4965
 de.itemis.xtext.utils.jface 4965
 features 4965
 plugins 5006
 releng 4994
 branches 4849
 20121602_Feature_Call 2816
 Bugfix_2_0_x 4529
 de.itemis.gmf.utils 1117
 de.itemis.xtext.utils 827
 Extension API 4849
 org.yakindu.base-feature 4812
 org.yakindu.base.releng 4810
 org.yakindu.base.repository 4811
 org.yakindu.base.target 4806
 org.yakindu.base.types 4809
 org.yakindu.base.types.edit 4849
 org.yakindu.base.types.scope 4807
 pre_Juno 3002
 TYPE_SYSTEM_REFACTORING 4690
 tags 5007
 ROOT 5013
 REVISIONS
<http://svn.codespot.com/a/eclipselabs.org/yakindu/SCT2>
 trunk 5013
 branches 4929
 20121602_Feature_Call 2864
 AutoResizeLayout 4528
 Bugfix_2_0_x 4929
 Experimental_Help_Integration 1206
 Extension API 4844
 org.eclipse.gmf.runtime.emf.clipboard.core 4759
 org.eclipse.gmf.runtime.emf.clipboard.core.patch-feature 4786
 org.kieler.synccharts.editor 4368
 org.yakindu.sct-feature 4803
 org.yakindu.sct.commons 4765
 org.yakindu.sct.doc.developer 4774
 org.yakindu.sct.doc.user 4766
 org.yakindu.sct.examples.c.trafficlight 4797
 org.yakindu.sct.examples.clock 4796
 org.yakindu.sct.examples.trafficlight 4761
 org.yakindu.sct.generator-feature 4770
 org.yakindu.sct.generator.c 4790
 org.yakindu.sct.generator.c-feature 4795
 org.yakindu.sct.generator.c.test 4804

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