

FROM RESEARCH TO INDUSTRY

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PAPYRUS KEPLER INSTALLATION GUIDE

24/07/2013

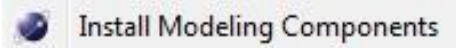
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ECLIPSE INSTALLATION

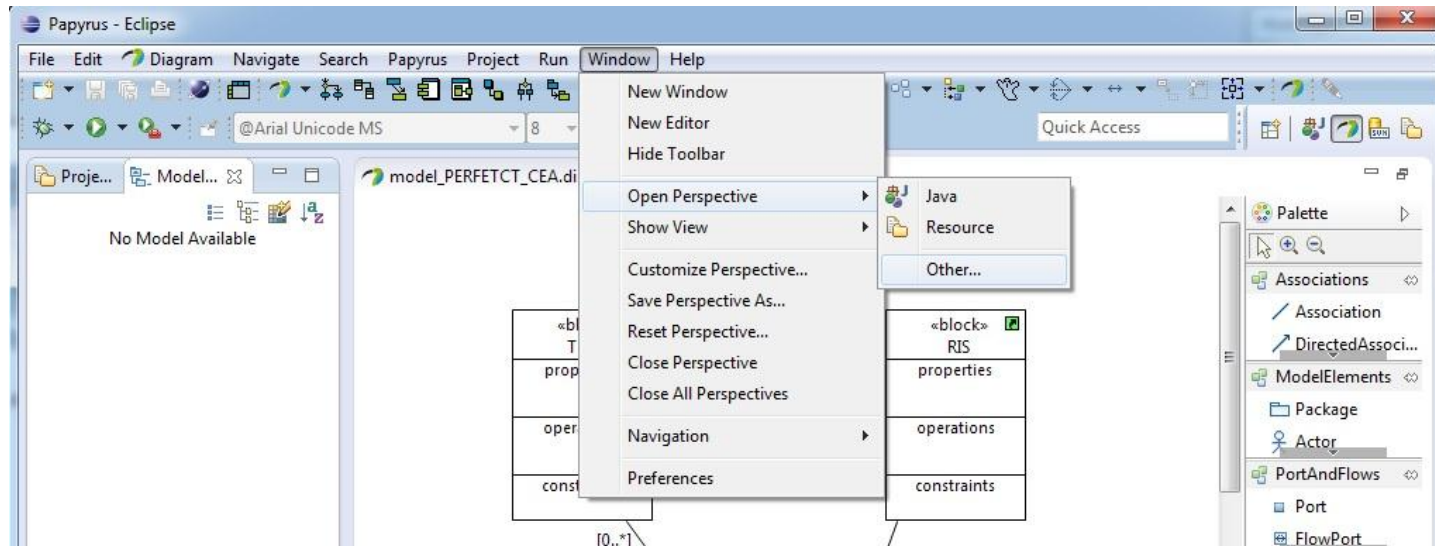
- **Recommended version: Eclipse Modeling**
 - <http://www.eclipse.org/downloads/packages/eclipse-modeling-tools/keplerr>
- **Zip file downloaded may be unzipped where you want to install Eclipse**
 - No Admin right needed
 - Uninstall is performed by simply deleting the installation folder
- **At Eclipse startup, a windows to select the “workspace” is shown. This folder will contain all your projects and models, choose it wisely !**
 - Once the choice done, a checkbox option let you choose this folder as default workspace, without prompting you at any startup.
- **The Eclipse welcome screen may give you useful general information on Eclipse:**
 - Take time to read it if needed,
 - Then close it by clicking the cross on the top left-hand corner tab

PAPYRUS INSTALLATION

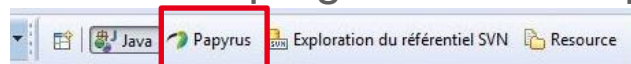
- On the Help menu , click on the  button to install additional component, to your Modeling Eclipse.
- In the window that has just prompted, select Papyrus and launch the install (Finish button)
 - It begins by checking files to download, then by asking to accept the licenses.
 - At a moment, Eclipse may warn you about accepting unsigned content. This is neither dangerous not bad as some Papyrus components are still under development and have not passed all the validation processes of Eclipse platform: please accept !
- To complete the installation, you are asked to reboot Eclipse software.
 - At startup, Eclipse will ask you which workspace to use is you have not yet checked the option to use a workspace by default.

PAPYRUS PERSPECTIVE


- In order to have a good UML/SysML modeling environment, Papyrus is given with its own perspective (set of pre-arranged windows) in Eclipse.
 - Select menu Windows > Open Perspective > Other



- Select Papyrus in the new windows.
- Then, click on the Papyrus button on top right corner to open corresponding perspective:



ADDITIONAL (OPTIONAL) COMPONENTS

- You have now a totally functional Papyrus installation, but you may want more !
- On the help menu, Click on the Papyrus  Install Papyrus Additional Components button on the top bar, a window with additional components arrives:
 - **Diagram Stylesheets:** to have colors and advanced graphical options within your diagrams (improve readiness)
 - **Papyrus Tabular Editor:** To use new advanced tabular in papyrus (under development)
 - **MARTE:** a profile dedicated to embedded software, come with a useful library containing physical measures (length, weight) and units (Kg, mm) to be used in your models.
 - **RobotML:** a profile dedicated to robotic, with stereotypes of mechatronical parts to be re-used in your models.
- **Once the components selected and the installation launched:**
 - File downloading, license agreement accepting , warning for unsigned contents
 - A last Eclipse reboot and you are good to go !

HELP LINKS

Help links related to Eclipse/Papyrus domain

- **SysML Norm :**
 - Papyrus supported, 1.2 : <http://www.omg.org/spec/SysML/1.2/>
 - New version, 1.3 : <http://www.omg.org/spec/SysML/1.3/>
- **SysML tutorial :**
 - Official : <http://www.omgsysml.org/INCOSE-OMGSysML-Tutorial-Final-090901.pdf>
- **GitHub Eclipse :**
 - Main site : <http://eclipse.github.com/>

Thanks!

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