

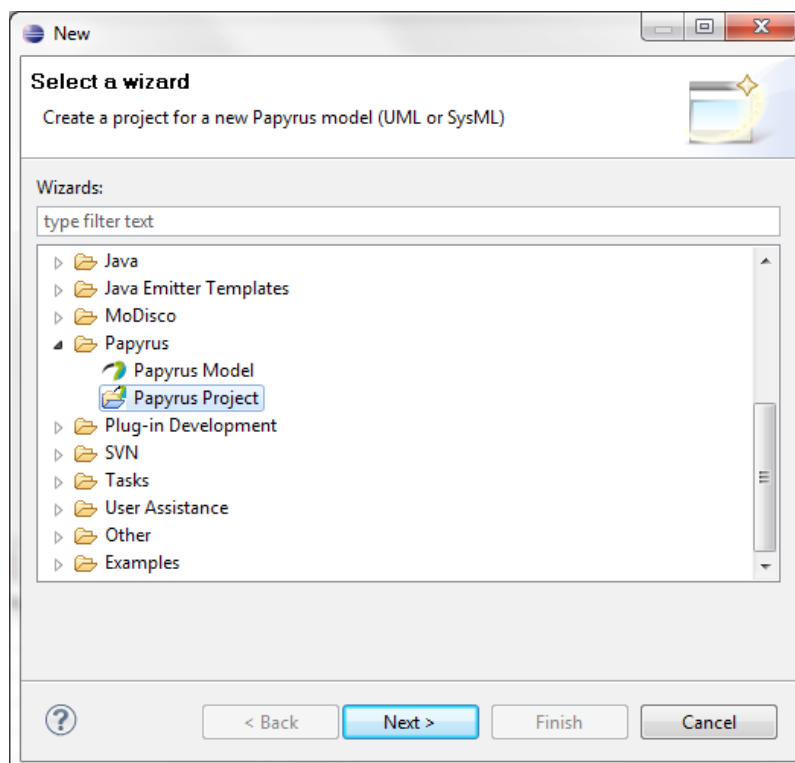
## How to create models with UMLsec in Eclipse/Papyrus

### Preparation: Install Papyrus

1. Install Eclipse MDT (Helios SR1 release)  
(Windows users please use the win32 version, the 64-bit variant does currently not work with Papyrus.)
2. Use the discovery interface ("Help" => "Install Modeling Component") and select Papyrus.
3. Proceed through installation steps.
4. Exit Eclipse
5. Copy the de.umlsec.profile.umlsec Plugin into the dropins folder below your Eclipse installation folder.
6. Start Eclipse
7. Papyrus is now ready for modelling UMLsec models.

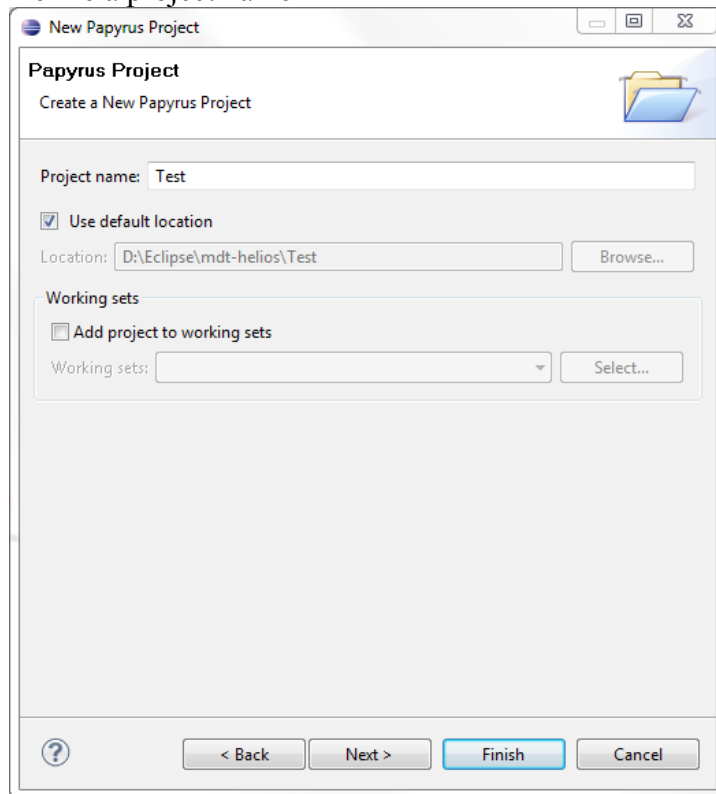
### Create a model and import the UMLsec profile:

1. Create a Papyrus project



Alternatively use an existing project as container for your models and select „Papyrus Model“ in the dialog. (Please skip step 2.)

## 2. Define a project name



The 'New Papyrus Project' dialog box is shown. It has a title bar with standard window controls. The main area is titled 'Papyrus Project' with the subtitle 'Create a New Papyrus Project'. It contains a 'Project name' text field with the value 'Test'. Below it is a checked checkbox 'Use default location' and a 'Location' text field with the value 'D:\Eclipse\mdt-helios\Test', accompanied by a 'Browse...' button. A 'Working sets' section contains an unchecked checkbox 'Add project to working sets' and a 'Working sets' dropdown menu with a 'Select...' button. At the bottom are buttons for '?', '< Back', 'Next >', 'Finish' (highlighted in blue), and 'Cancel'.

New Papyrus Project

**Papyrus Project**  
Create a New Papyrus Project

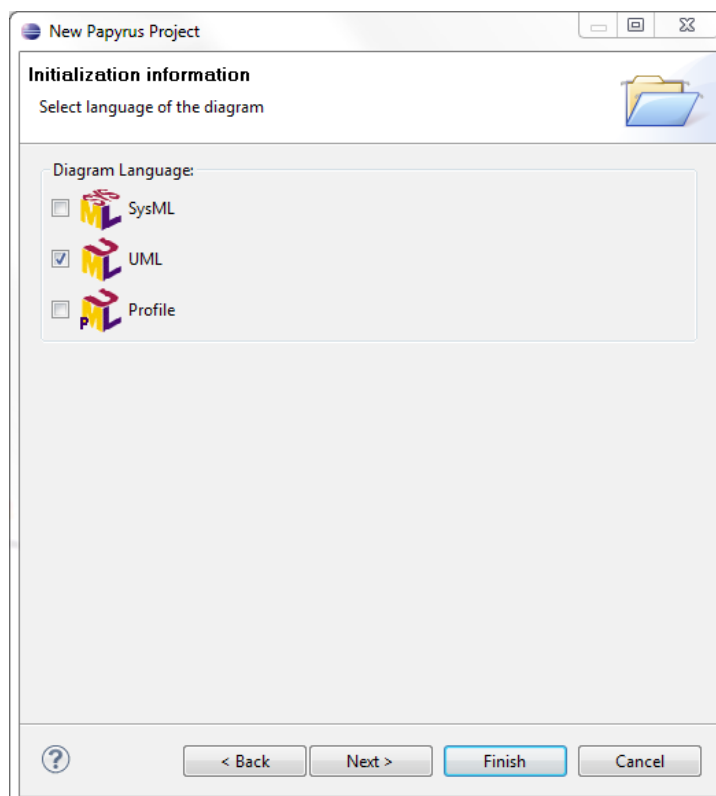
Project name:

☒ Use default location  
Location:

Working sets  
☐ Add project to working sets  
Working sets:

? < Back Next > **Finish** Cancel

## 3. Select „UML“ as the type of model you want to create.



The 'New Papyrus Project' dialog box is shown at the 'Initialization information' step. The subtitle is 'Select language of the diagram'. It features a 'Diagram Language:' section with three options: 'SysML' (unchecked), 'UML' (checked), and 'Profile' (unchecked). Each option is preceded by a small icon. At the bottom are buttons for '?', '< Back', 'Next >', 'Finish' (highlighted in blue), and 'Cancel'.

New Papyrus Project

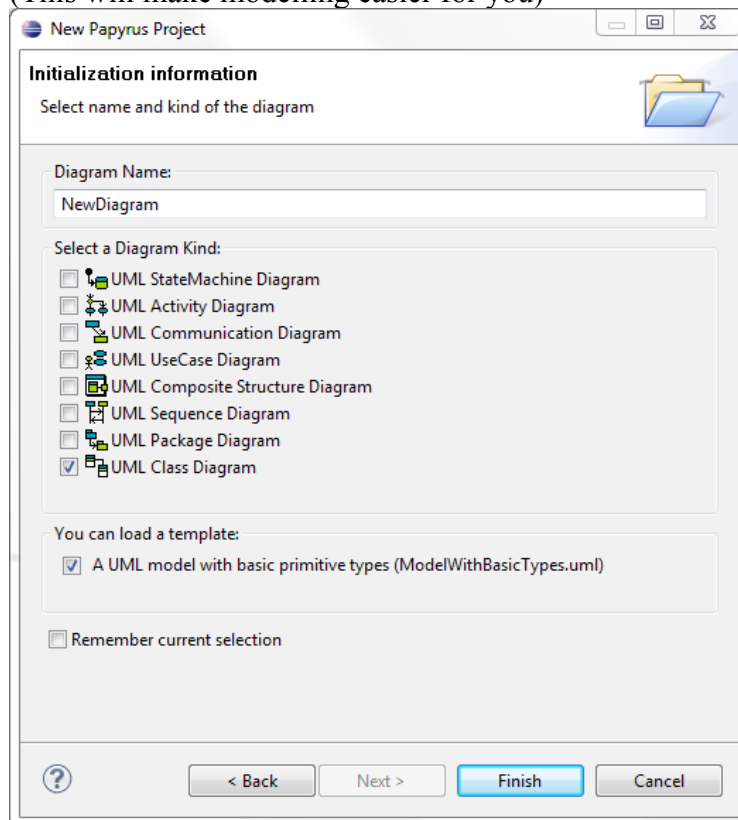
**Initialization information**  
Select language of the diagram

Diagram Language:

- ☐ SysML
- ☒ UML
- ☐ Profile

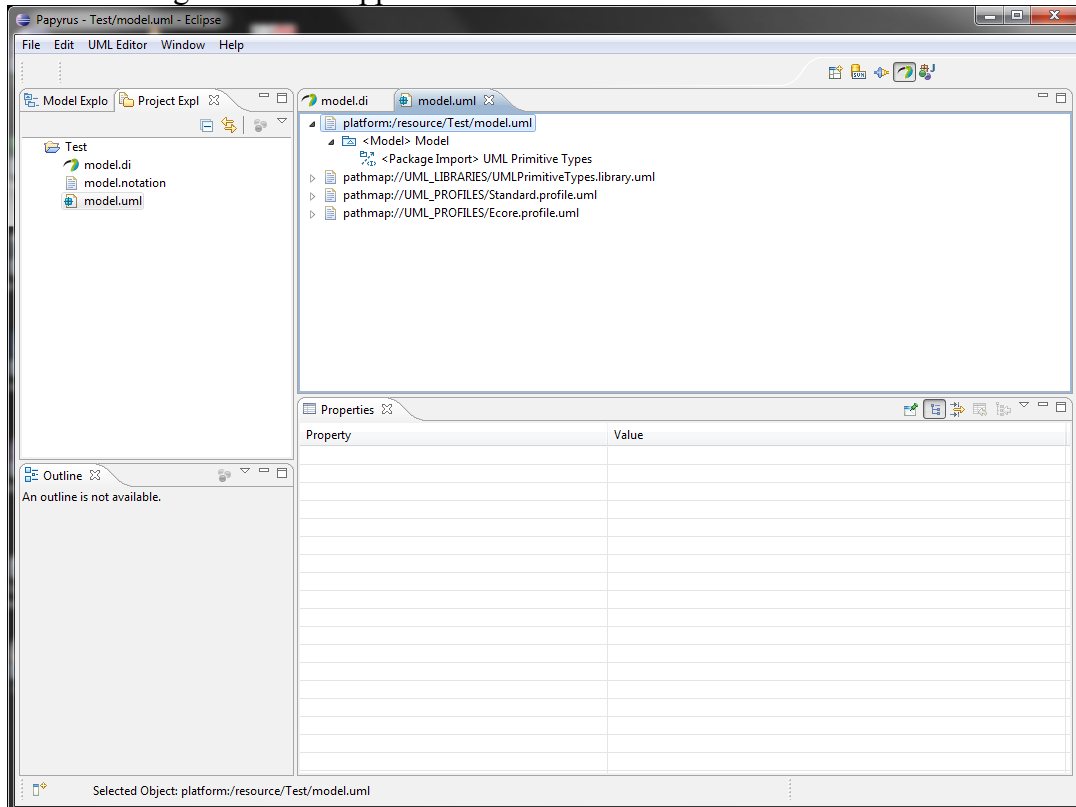
? < Back Next > **Finish** Cancel

4. Enter the diagrams name. Select the with diagram type.  
AND: Select that you want to load the UML model with basic primitive types as a template.  
(This will make modelling easier for you)



5. Click „Finish“. The new empty diagram will be opened.
6. In the Project Explorer select the .uml file of your model.
7. Right click the .uml file and select „Open with >> UML Model Editor“

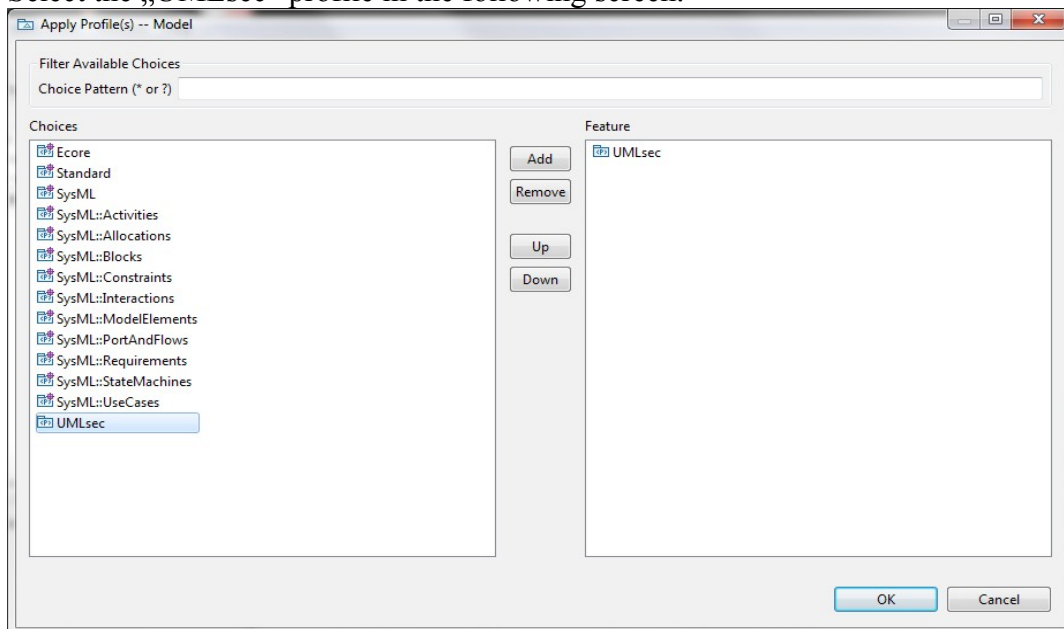
8. The following screen will appear:



9. Select the „<<Model>> Model“ node

10. Select the Menu „UML Editor >> Package >> Apply Profile“.

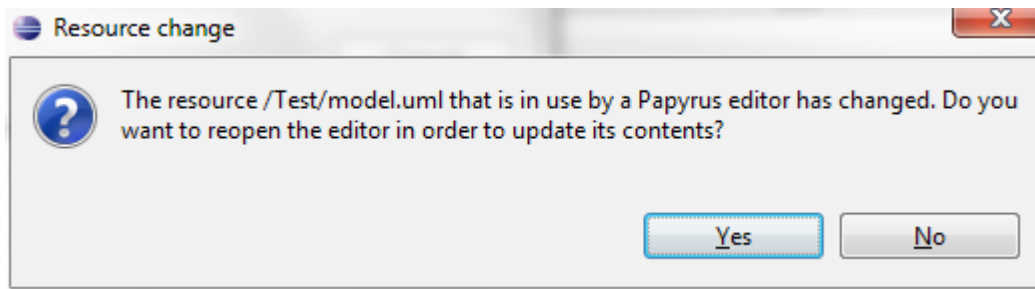
11. Select the „UMLsec“ profile in the following screen.



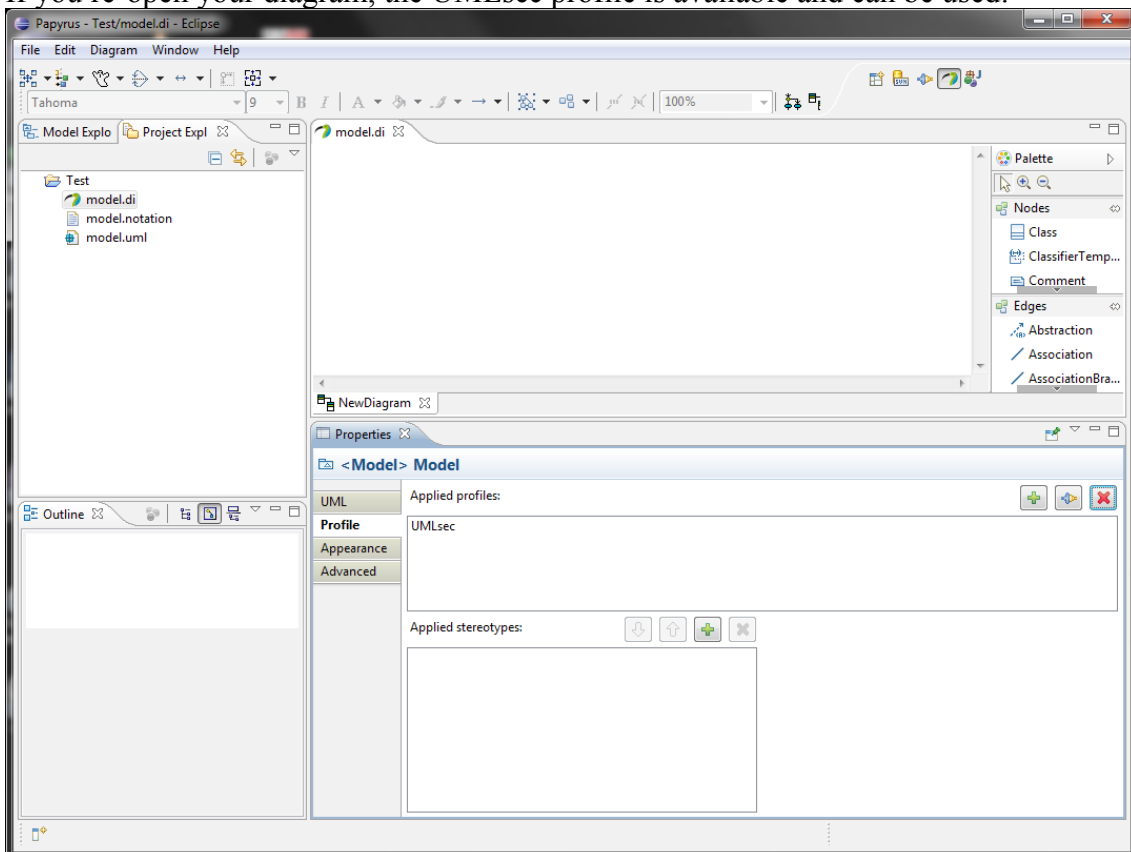
12. Click „Add“ and „Ok“ to apply the profile.

13. Close the UML model editor and the diagram editor.

14. In the following dialog click „No“



15. If you re-open your diagram, the UMLsec profile is available and can be used:



Happy Modelling!