


Lab 4 – UML

How to start UMLet as Eclipse-Plugin?

Download the "com.umlet.plugin*.jar" file from <http://www.umlet.com/> and copy it to Eclipse's plugin directory.

-  **Download**
Screenshots
Sample diagrams
FAQ
Eclipse plug-in info
User comments
Source code
- Bugs or requests:*
Create code ticket,
or info@umlet.com
- Our other tools:*
UMLetino
MonteCarlito
PLOTlet
SQLet

(1)



New in UMLet 13.2 stand-alone and UMLet 13.2 Eclipse plugin

- Improved relations
 - Various zoom issues fixed
- (2)

To create a new, empty UMLet diagram in Eclipse,

1. Select a directory in the Eclipse resource navigator;
2. Select "File/New/Other..." from the menu or the context menu; in the subsequent wizard,
3. Select "UMLet/Diagram".

More...

- Get started with UMLet: <https://www.youtube.com/watch?v=sOXmGKhNXMc>
- Custom elements tutorials: <http://www.umlet.com/ce/ce.htm>
- Video tutorial: Basic Use and Custom Elements
(<https://www.youtube.com/watch?v=3UHZedDtr28>)
- Online sample diagrams: <http://www.itmeyer.at/umlet/uml2/>

How to create use cases?

Referring to...

- UMLet tutorial for Context, UC, and Sequence Diagrams:
<https://www.youtube.com/watch?v=HVSxE296JLc>

How to create sequence diagrams?

Change the current palette to "Sequence - all in one". Add the sequence diagram element to the diagram via double-click.

This element's markup language is slightly more complex. The main idea is that each lane has a name and an ID (defined by the string "_name~ID_"). The IDs can then be used to define messages between lanes, e.g., "id1->id3".

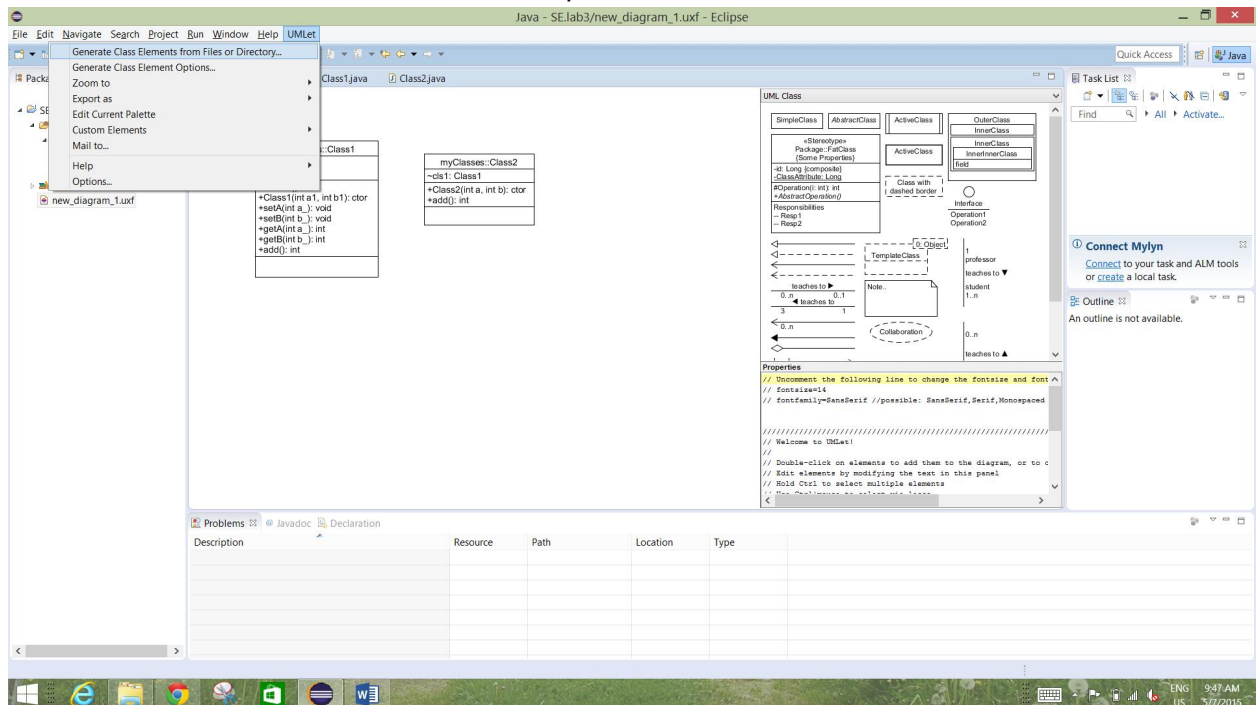
How to create activity diagrams?

Change the current palette to "Activity - all in one". Add the activity diagram element to the diagram via double-click.

Here, TABs in the element description are used to define the activity forks.

How to create class diagrams?

- Generate Class Elements from Files or Directory...



- Choose available java class files to generate class elements.
- An example of using the umlet plugin for Eclipse to make UML class diagrams:
https://www.youtube.com/watch?v=7LDiw9K_KKo

Exercises

- Draw use case diagrams in the online sample diagrams.
- Draw use cases in your project → Document.
- Design ERD using Visio → Document.
- Draw class diagrams in the online sample diagrams.
- Draw class diagrams using UMLet → Document.

References

- [1] <http://www.umlet.com/>
- [2] <http://www.itmeyer.at/umlet/uml2>
- [3] Sample diagrams: <http://www.itmeyer.at/umlet/>