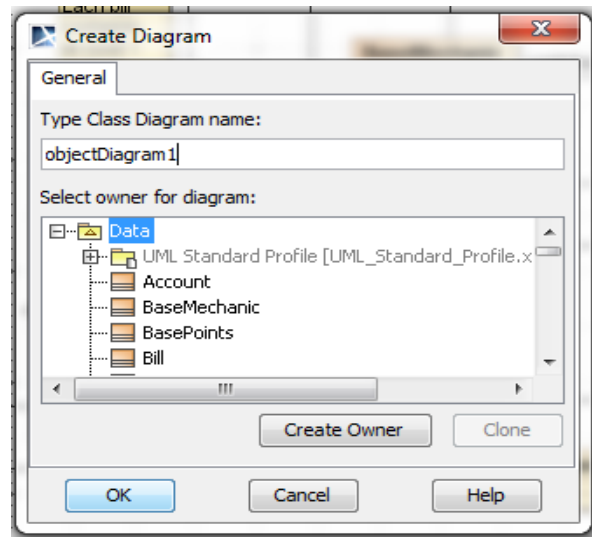


MagicDraw Usage Guide

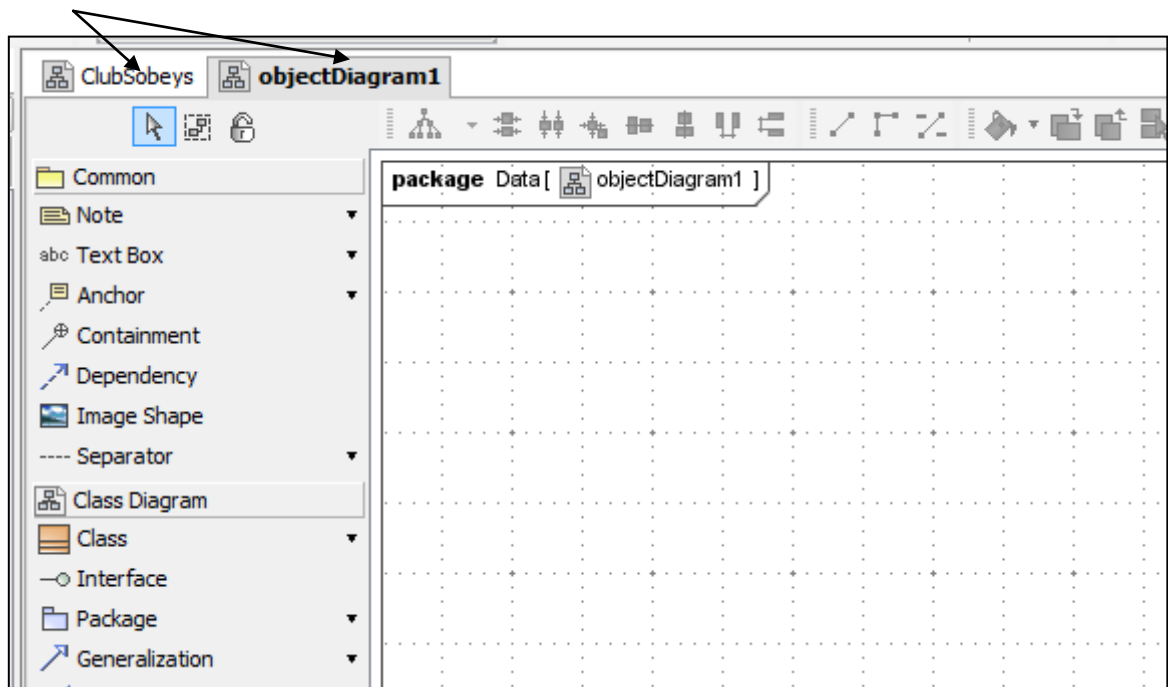
This guide is intended to help you use MagicDraw - UML Modeling tool- in reading the provided UML class diagram and in creating your object diagram.

Creating an Object Diagram

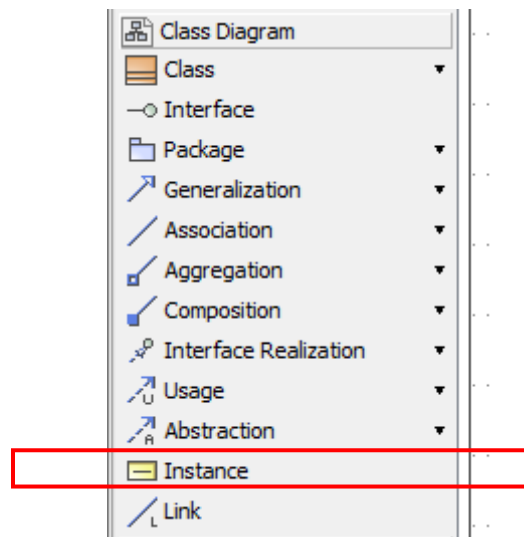
1. Open MagicDraw.
2. Select the "Open Project" option from the File tab in the menu bar.
3. Open the provided "ClubSobeysClass" class diagram.
4. Examine the provided class diagram.
5. Click on the "object diagram" icon from the tool bar to create a new object diagram.
6. Type the diagram name you would like (For example, objectDiagram1), then press ok.



- Now you can see the tabs below the menu bar having both the class diagram and object diagrams as shown below.

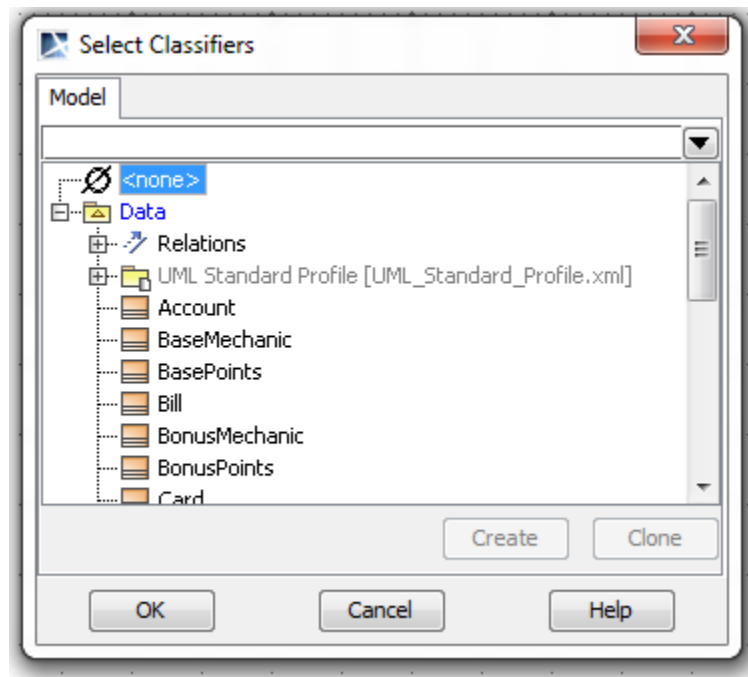


- All the object diagram elements can be found on the left of the object diagram modeling space.
- For example, in order to add an instance, drag and drop an "instance" element into the empty panel of the object diagram. (according to the software version, you can find it under the Class Diagram elements or the Object Diagram elements).

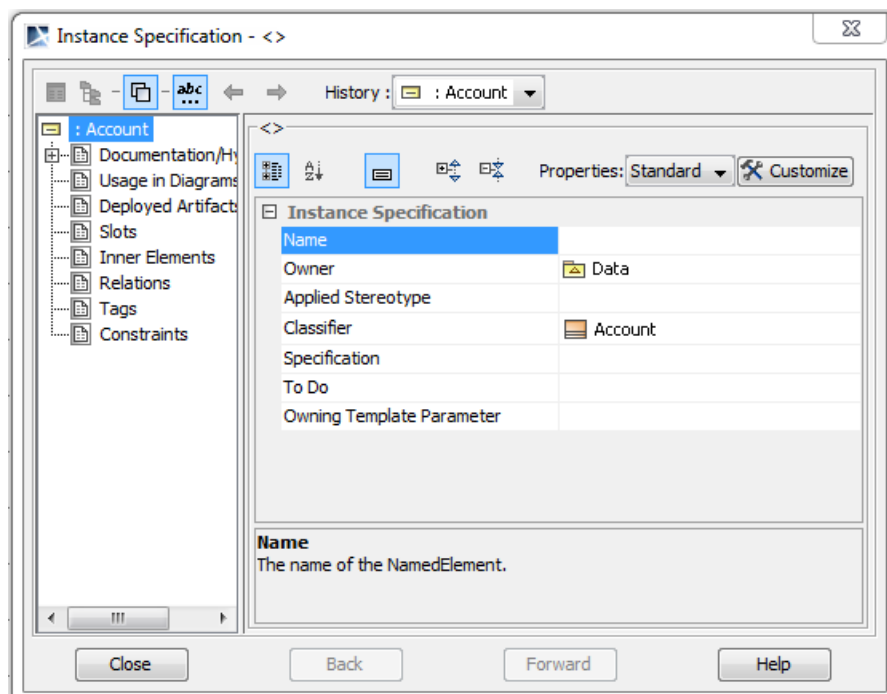


10. The following window will appear (sometimes you have to double click on the instance itself). This window allows you to specify the class in the provided class diagram from which this is an instance of. Choose the class you would like and press OK.

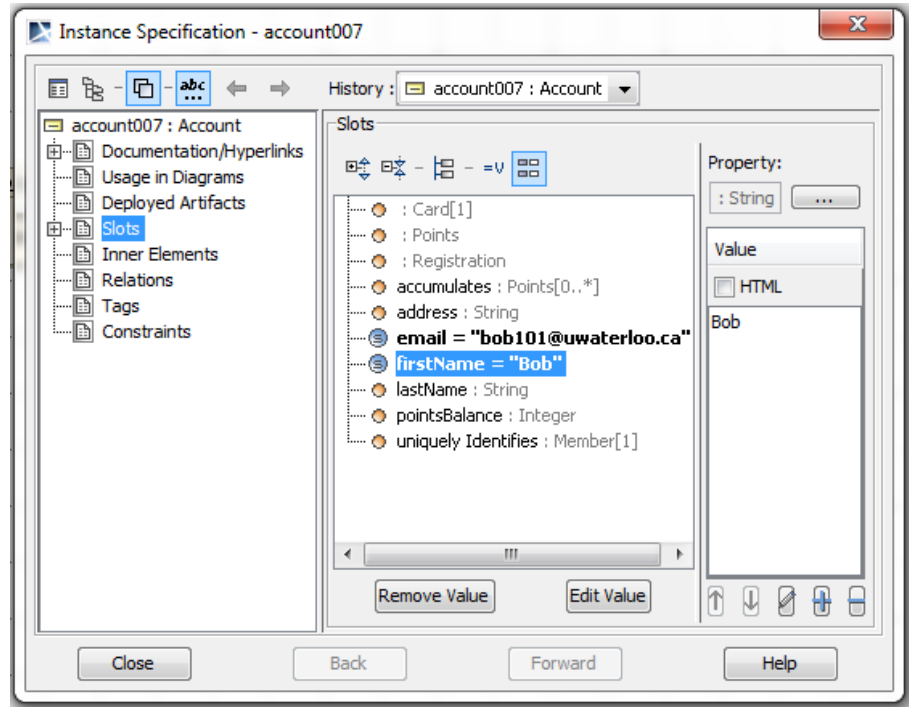
Note: Please do not copy and paste the element from other diagrams as this might cause problems in MagicDraw when saving your project.



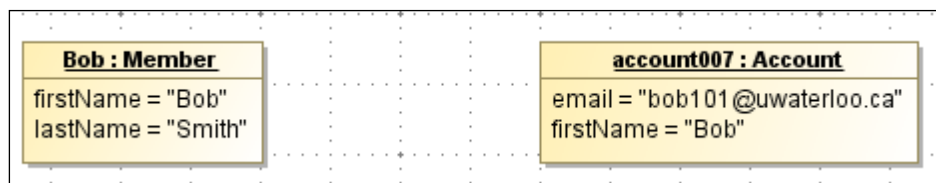
11. Double click on the instance you created to open the "instance specification" window as shown below.



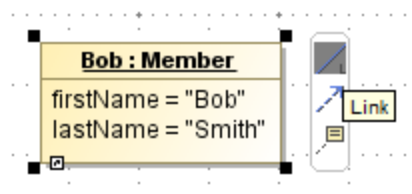
12. Choose the name you would like to give the instance as highlighted above.
13. In order to add values for the attributes, choose the "slots" option on the left of the window. Double click on the desired attribute to give it a value.



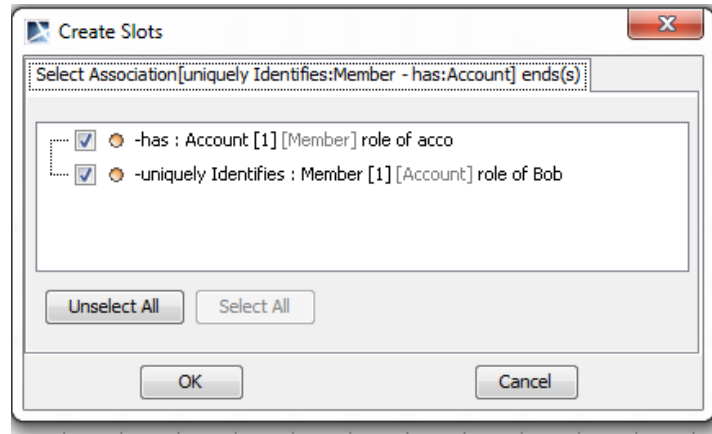
14. Now let's see how you can create an association between two instances/objects. If I have two objects: account and member, as shown below.



15. Click on the object "Bob" of type "Member".
16. Select the "link" option that appears as shown below.



17. Connect this link to the "account007" object. A window will appear that ensures the type of association you want (reflected from the class diagram). Press OK.
18. Another window will appear as shown below.



19. Select "Clear All" and press OK.
20. After the link has been drawn in the diagram, if you want to display link name between two objects, first right click on the link, then click on "Show Tagged Values", "Show Role A", and "Show Role B".