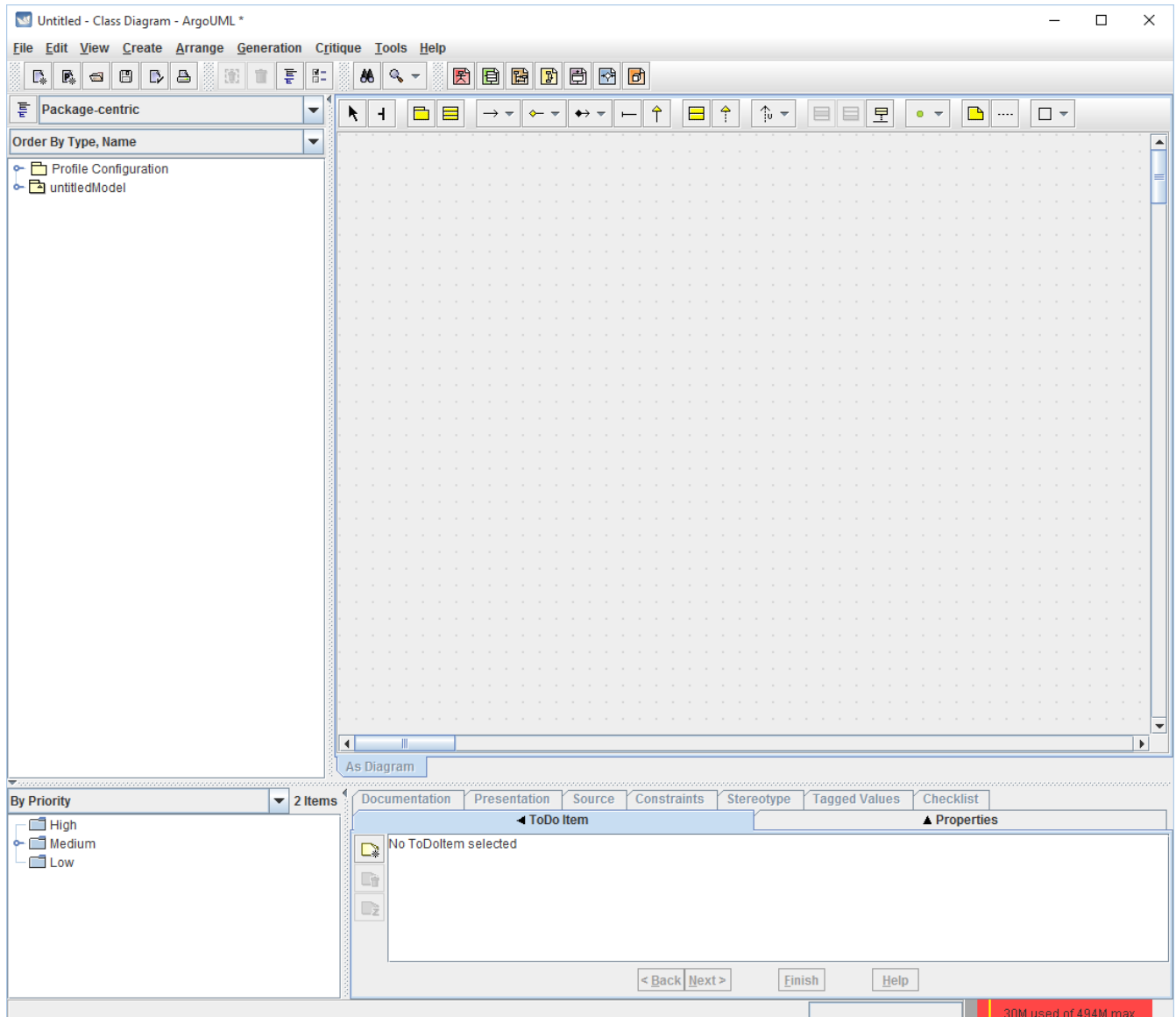



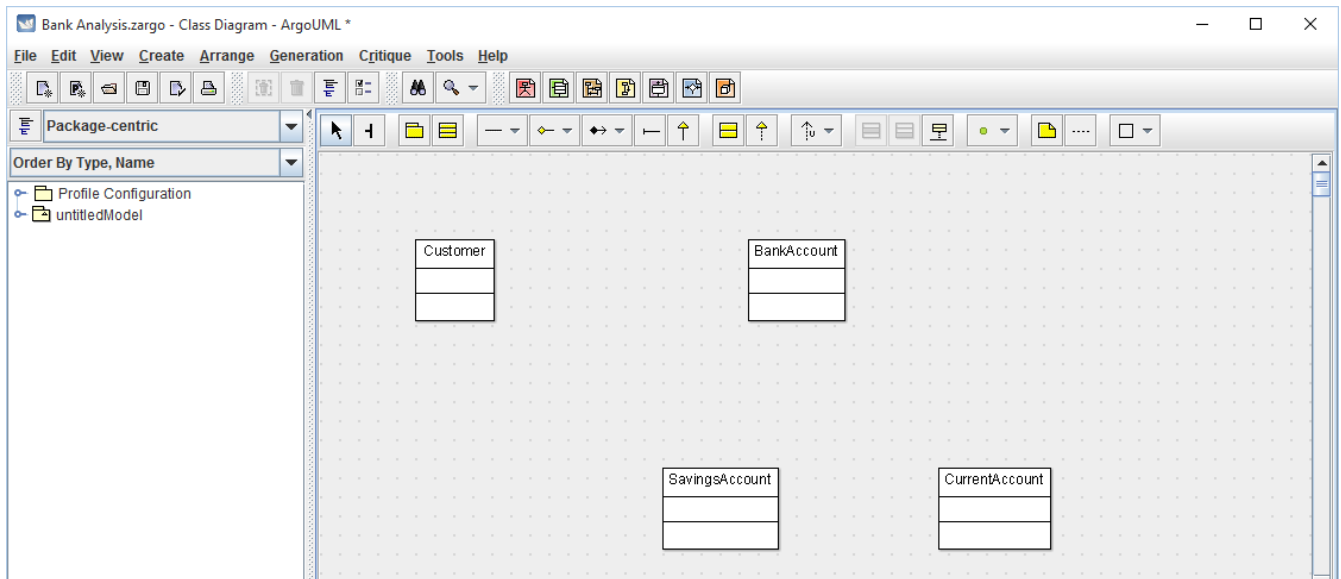
## Introduction to ArgoUML & Class Diagrams

Run ArgoUML from the lab PC or your laptop.

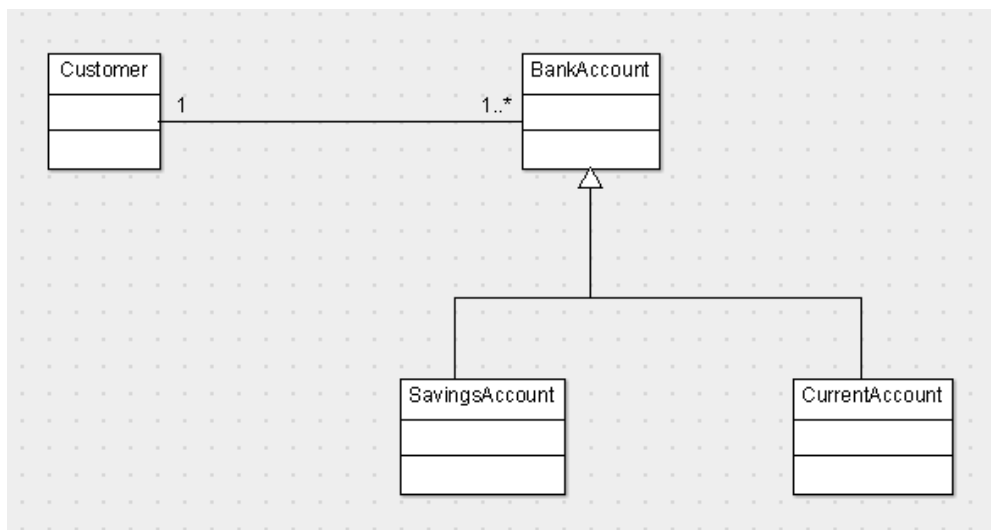


## Adding Classes

Click on the toolbar icon  to create 4 classes as show below and saving your work under the name *Bank Analysis*.

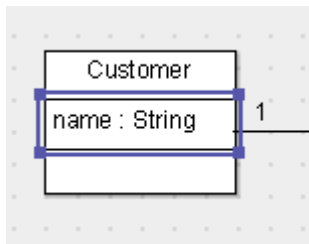


Next use the **New Association** and **New Generalization** icons to create the links between the class as show next.

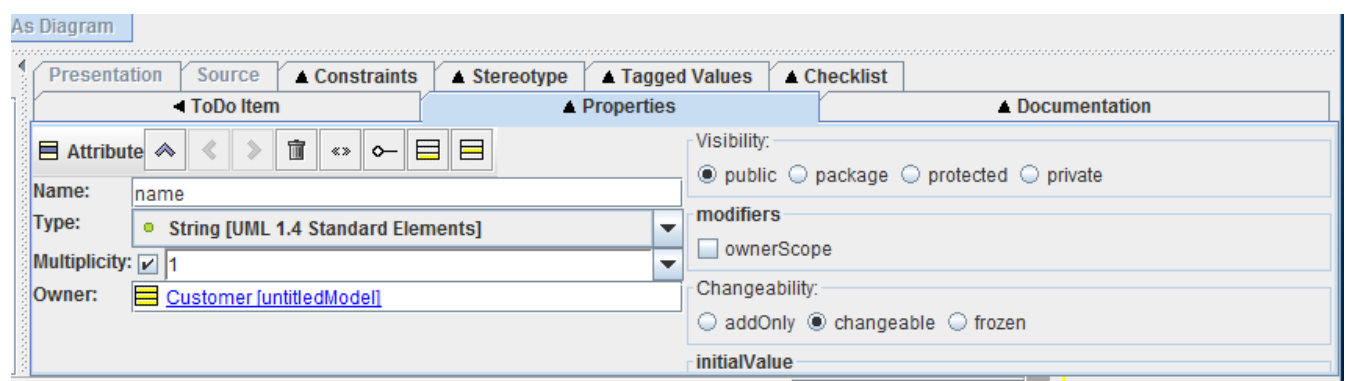


## Adding Attributes and a Datatype

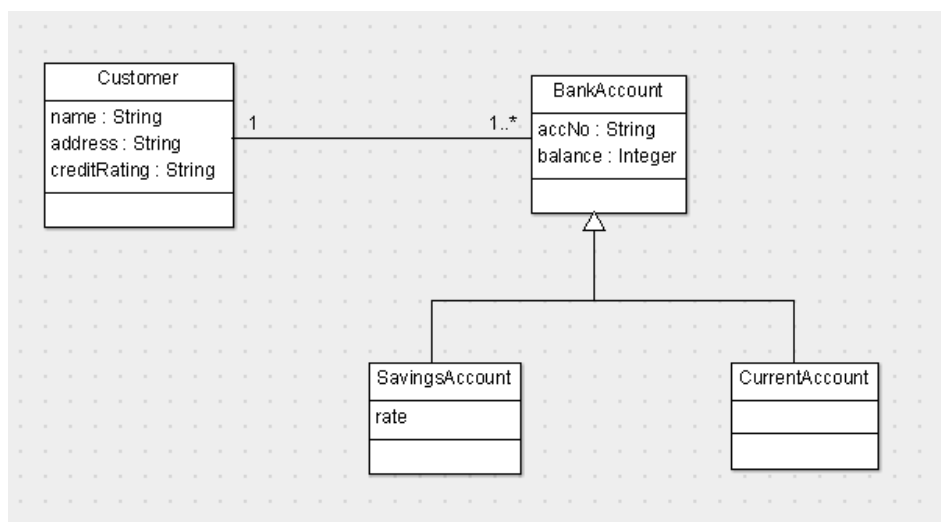
Right-click on *Customer* class, and from the popup menu select **Add/New Attribute**.



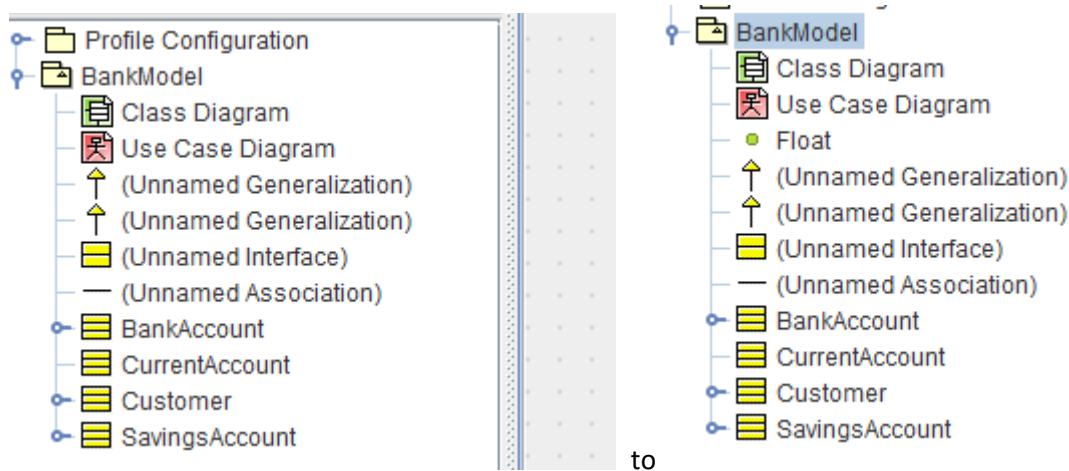
If you need to change the name or Type of the new attribute , you can do so in the Properties tab on the bottom pane of ArgoUML.



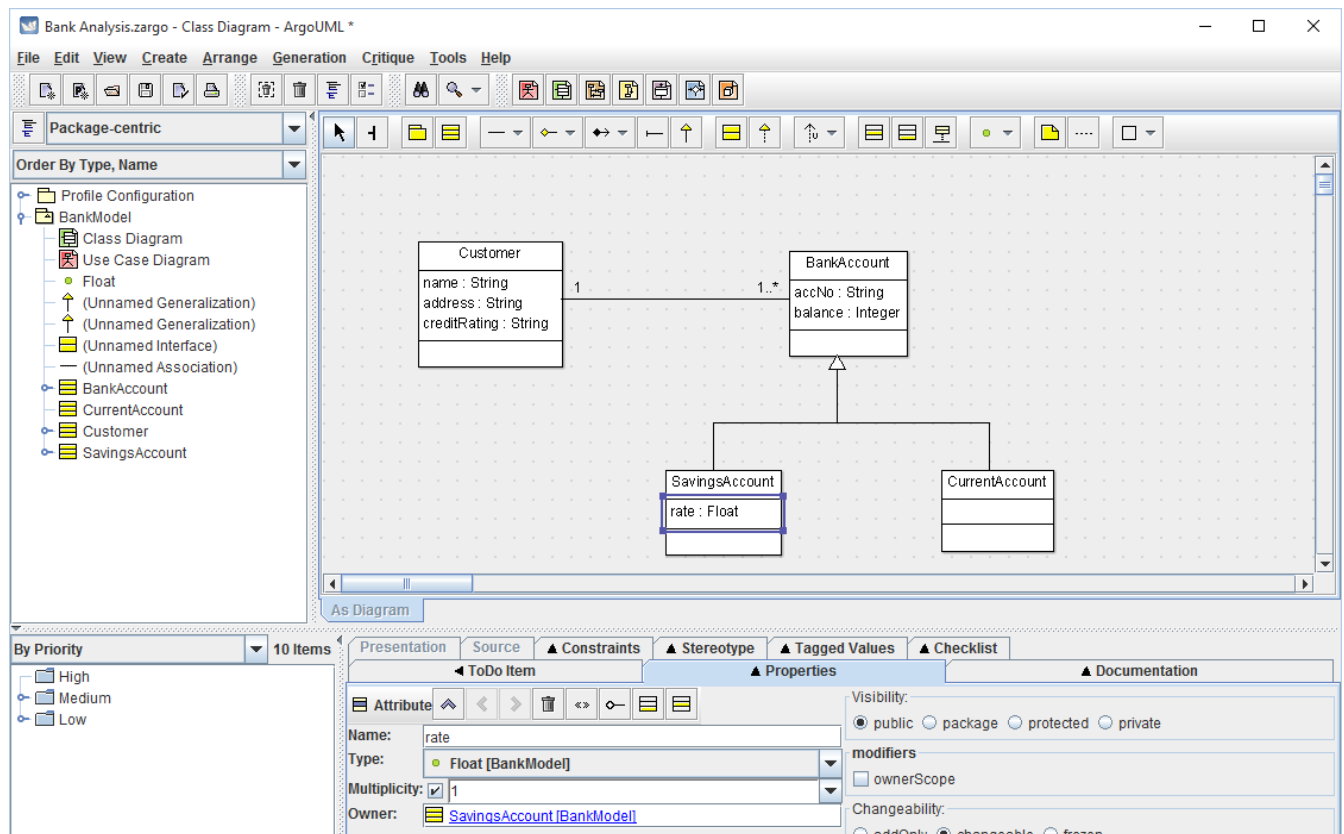
Add the attributes shown below.



We want rate to be of Type **Float**, but it doesn't seem to be available in ArgoUML. To create it, right-click on the model folder (named BankModel here but may be untitledModel) in the explorer or browser pane (on top left) and select **Create Model Element / New Datatype** and name it Float. Should go from

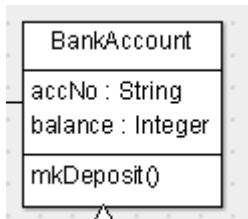


Then change the Type for **rate** to Float to get:



## Adding Operations or Methods and Paramters

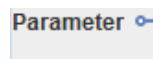
Right-click on *BankAccount* class and select **Add/New Operation**, name it *mkDeposit* to get




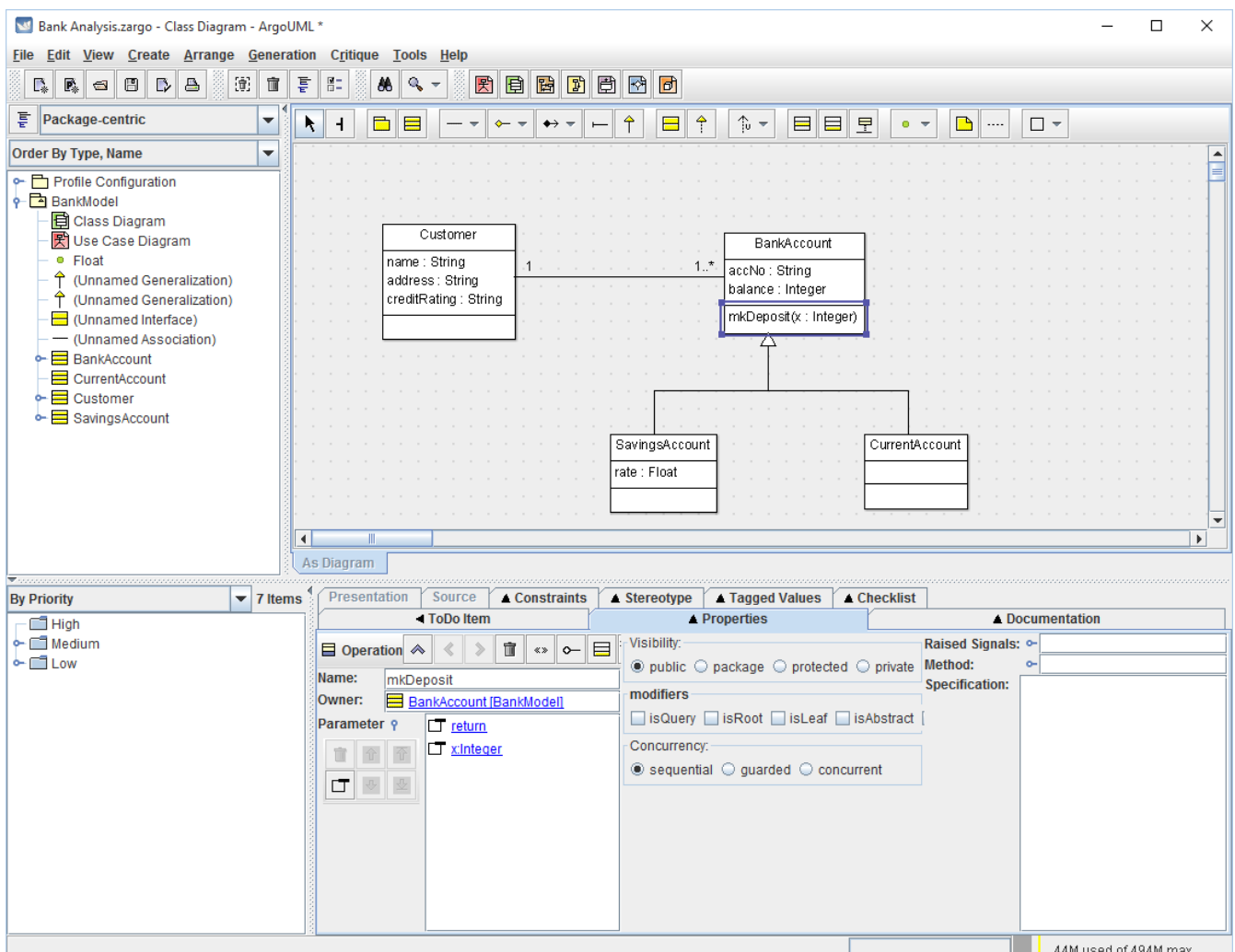
Then with the mouse, highlight the *mkDeposit()* operation in the class diagram. Its Properties tab should appear



on the bottom. In this tab, expand the Parameter icon to get



Click on  to add a new parameter called *x* of type Integer. Should now have something like:



Finally add one more operation, *mkWithdrawl()*, to get the class diagram:

