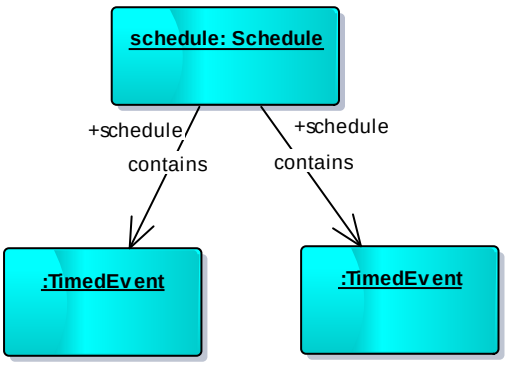
Learning UML

O'Reilly

Exercises – Objects and Links

If you have followed along, your *objects* diagram should look similar to the one in the movie. If not, first create a diagram that looks like this.



Now do the following:

Add two more *TimedEvents* to the diagram. You should drag them in from the project browser.

Create directed links from *schedule* to each of the new *TimedEvents*.

Name the links *contains* and label the end nearest *schedule* with the role name *schedule*.

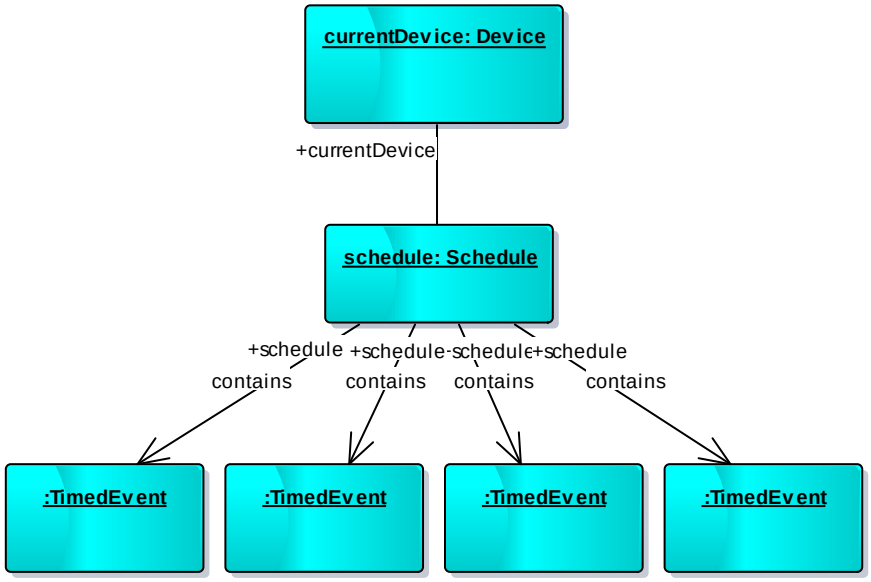
Now add a new object from the toolbox and name it *currentDevice*.

Using the context menu (Advanced > Instance Classifier) set that new object to be of the class *Device*.

Create a link between *currentDevice* and *schedule*. Name the role at the *currentDevice* end *currentDevice*.

Tidy up the layout of the diagram.

Your *objects* diagram should now look something like this.


currentDevice: Device
+currentDevice
schedule: Schedule
+schedule
contains
+schedule
contains
+schedule
contains
+schedule
contains
:TimedEvent
:TimedEvent
:TimedEvent
:TimedEvent