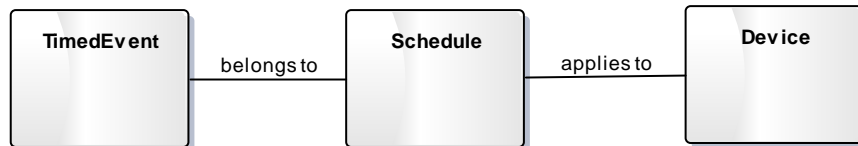


Learning UML

O'Reilly

Exercises – Classes and Associations

If you have followed along, your diagram should look similar to the one in the movie. If not, first create a diagram that looks like this or use the model 'Model - Classes and Associations - After.eap'.



Now do the following:

Add a new class called *TriggerList* to the diagram. Add a note to describe it as 'A collection of triggered events.'

Add a new class called *TriggeredEvent* to the diagram. Add a note to describe it as 'An event that is triggered by changes in sensor measurements.'

Add a new class called *Sensor* to the diagram. Add a note to describe it as 'A sensor that measures aspects of the environment.'

Create an association between *TriggeredEvent* and *TriggerList* and name it *belongs to*.

Create an association between *TriggerList* and *Device* and name it *applies to*.

Create an association between *TriggeredEvent* and *Sensor* and name it *triggers*.

Your diagram should look like this.

