

# Learning UML

O'Reilly

## How to Use the Exercises and Model Files

Chapters 3 to 11 of this course are each about a particular type of diagram in UML. To get the most out of the course, you should follow along with the practical work in the movie and try out the exercises.

If you are using Enterprise Architect, you should create a project and add views, packages and diagrams to it as instructed in the movies and the exercises.

If you are using another modelling tool, you should create a project in that and add views, packages and diagrams to it using its methods for doing those things as instructed in the movies and the exercises.

A blank project file in Sparx Systems' .eap file format and in UML XML Model Interchange (XMI) format are provided as *Home Automation.eap* and *Home Automation.xml* if you need them as a starting point. If you are using a tool other than Sparx Systems' Enterprise Architect, it should support the import of XMI files, and may support the import of the .eap file, as Enterprise Architect is widely used. So you should be able to import one of these file formats. You can create your own blank project to start with, and you do not have to use any of the model files provided if you follow along with the movies and the exercises.

By the end of Chapter 11, you should have your own project with diagrams for all the examples used in the movies and exercises.

Each Exercises file contains practical work that provides you with an opportunity to create or edit diagrams that are very similar to the ones that are created in the movies. The Exercises show you what your diagram or diagrams should look like at the start, give you instructions on what you should add to the model, and show you what the results should look like.

If you want to study the chapters or movies within them out of order, then model files have been provided in Sparx Systems' .eap file format and in UML XML Model Interchange (XMI) format as a .xml file. For each movie topic where the model is used, a Before and an After version of the model are provided in both formats. The Before version contains the model as at the start of that topic, the After version contains the model as at the end of that topic. If you want to follow along with a topic and don't have your own model file at that point, you can use the Before version. If you want to do the exercises associated with a particular topic, you should start either with the copy of the Before version that you have edited, or with the After version. The After version, with the changes that result from the exercises, becomes the Before version for the next topic.

If you are using a tool other than Sparx Systems' Enterprise Architect, it should support the import of XMI files, and may support the import of the .eap file, as Enterprise Architect is widely used. This should allow you to use one of these file formats to follow along.