

# Starting with Lesson 2 MD18

## Assignment

In lesson 2, you will extend the Web service of lesson 1. You will learn to use input and output objects, to write simple action scripts, to define simple mappings, and to use call operation actions and pins.

You will reuse some elements of the Web service you modeled in lesson 1. The data that is entered in the SOAP Test Tool will be sent to the Web service. The Web service will return the same data to the SOAP Test Tool. This is the basic functionality for developing a search mechanism, which will be the goal of the third education lesson.

In MagicDraw, all UML models respectively XMI files are called project. You can open them without having E2E Builder installed. However, working with the Bridge, all UML models, which belong to your software project, are organized within a **Builder project**, which has its own settings. To work with E2E Bridge models, you need to open a Builder project first in order to edit, compile, and deploy the contained UML models. Not opening a Builder project results in disabled Builder menus.



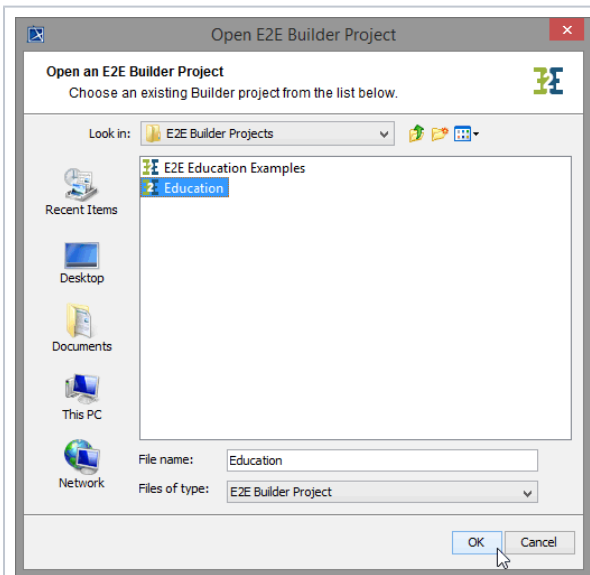
Extending the Web Service of Lesson 1

### On this Page:

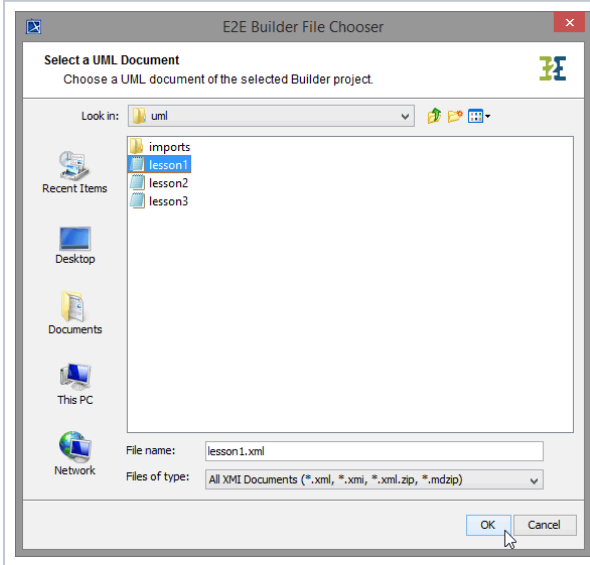
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## Reusing the Lesson 1 Model

All models are located in the **uml** folder of the Builder project.

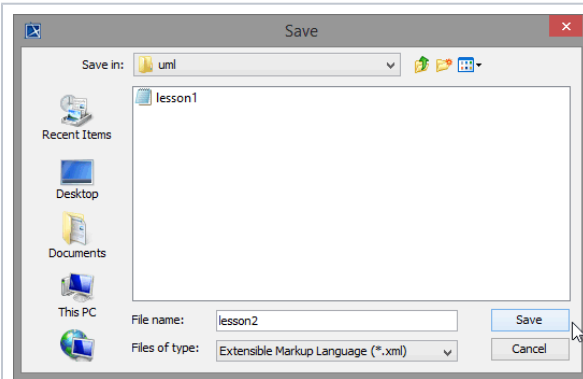
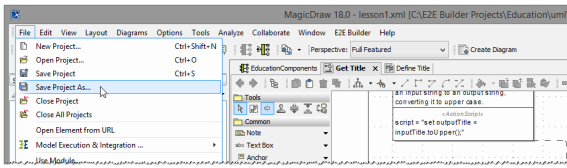


Start MagicDraw™ and choose the menu item **E2E Builder > Open E2E Builder Project** to open the Builder project **Educ**ation.



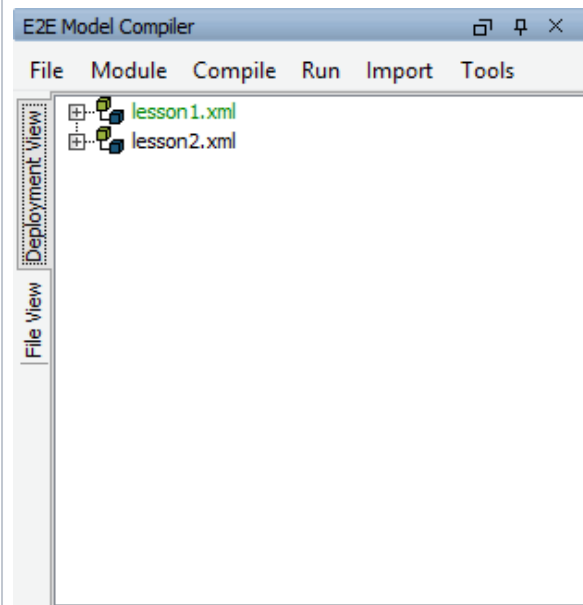
The last UML® model that was saved in the current Builder project prior to closing MagicDraw will always be opened automatically. If not, choose the example **lesson1.xml** as shown in the picture on the left.

To keep the UML model of lesson 1 as a reference, save the file **lesson1** as **lesson2** by clicking **File > Save Project As....**



Rename the **File name** to **lesson2**. The UML model will be saved in format **XMI 2.1**.

Click the **Save** button.



Note the changed deployment information in the Model Compiler window.