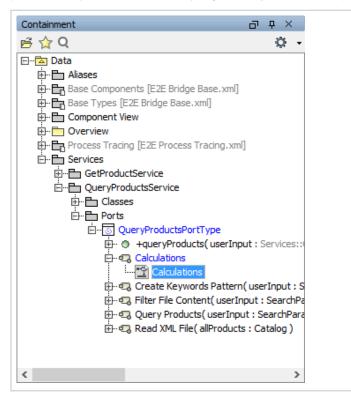
Activities Lesson 3.2 MD18

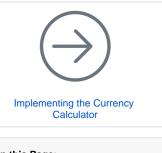


Outlining the Activity

After the second iteration the **QueryProductsService** will provide more output than just the list of products. First, you will extend the activity diagram **Query Products** of the port type operation.

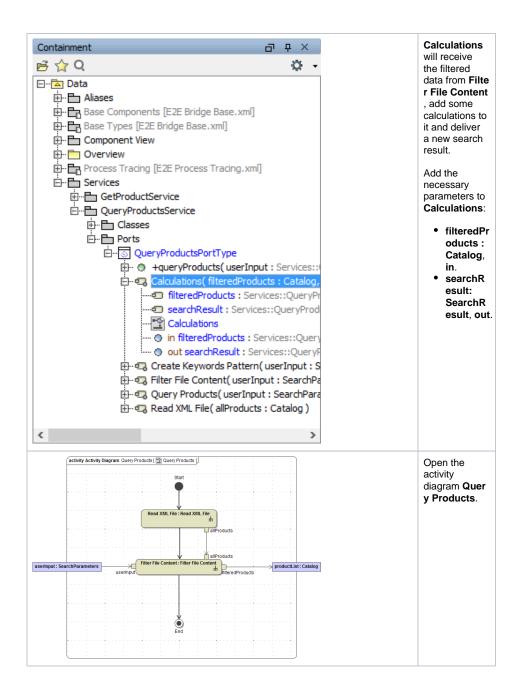


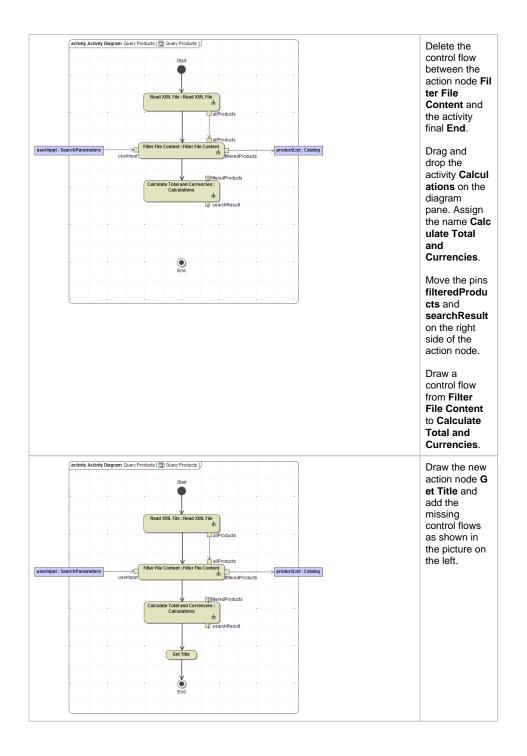
Create the new activity diagram Calcu lations in the package Servi ces > QueryProduc tsService > Ports > QueryProduc tsPortType.

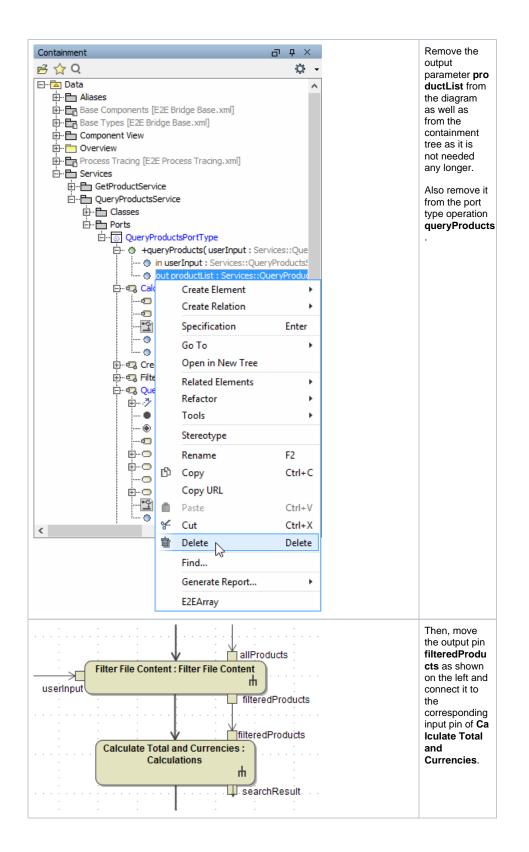


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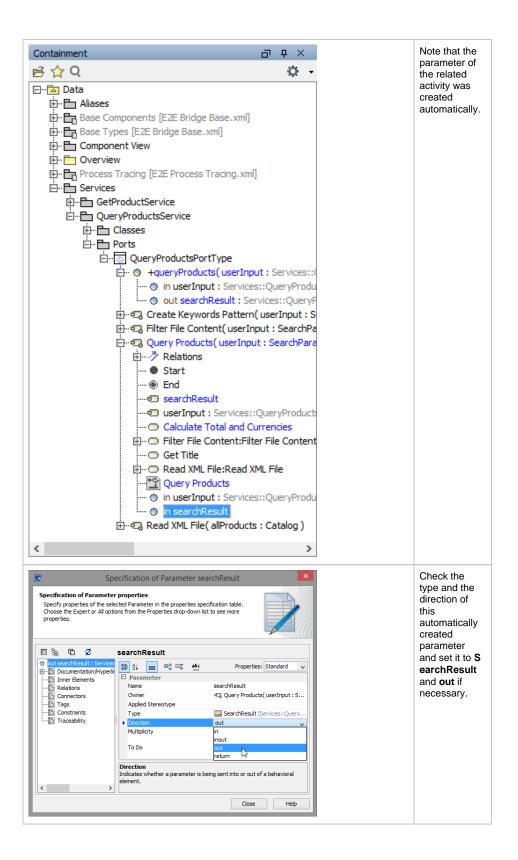
• Outlining the Activity

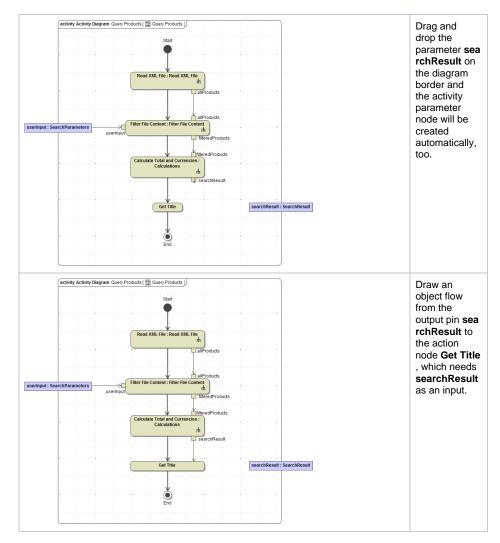






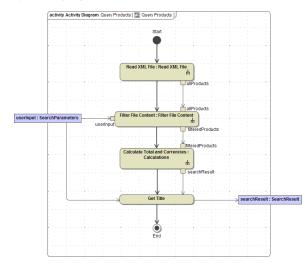
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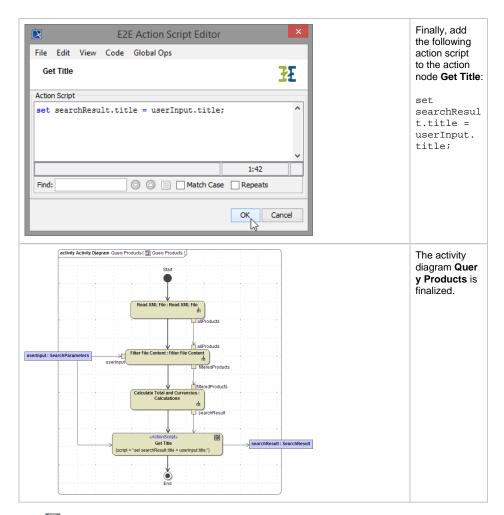




In the last step, you will set the title to be returned in the action node **Get Title**. It will be assigned to the corresponding attribute in the output object **searchResult**. You need to set the value of attribute **title** of object **searchResult**. Therefore, the object is used as input of the action node **Get Title**. Connect the input parameter **userInput** to the action node **GetTitle**.

As you change an attribute of the object **searchResult**, you need to draw an object flow from the action node to the activity parameter node **searchResult**. The object will be passed to the caller, the port type operation **queryProducts**.





Save 🔛 the UML model.