

First let's talk about the reused objects:

- TDistribution object
 - We will use it exactly the same
- Simpson object
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- some parts of the Main object (GUI table)
 - For create the CalculationP object
- GUI object
 - Will be a subtract from the Main class of the previous program.

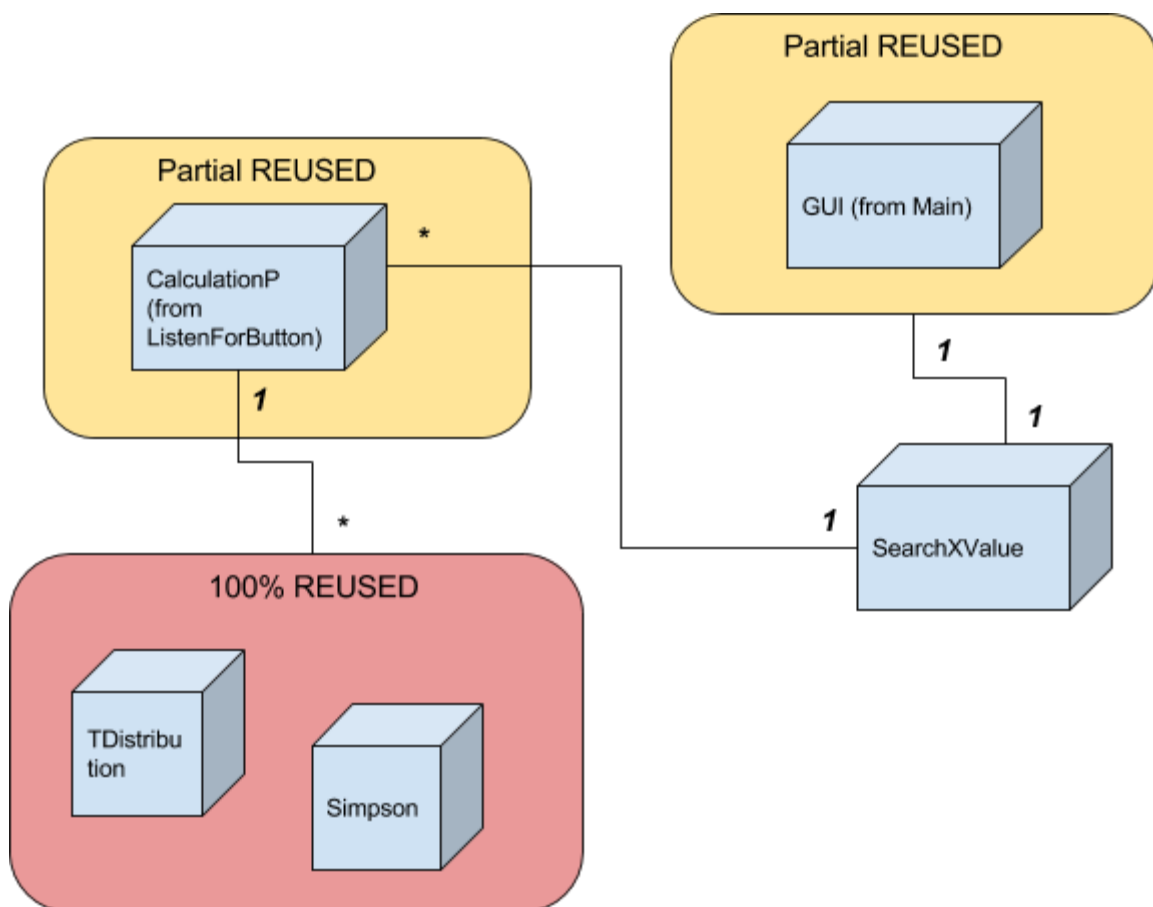
We will modify the GUI to meet the new requirements.

New creations:

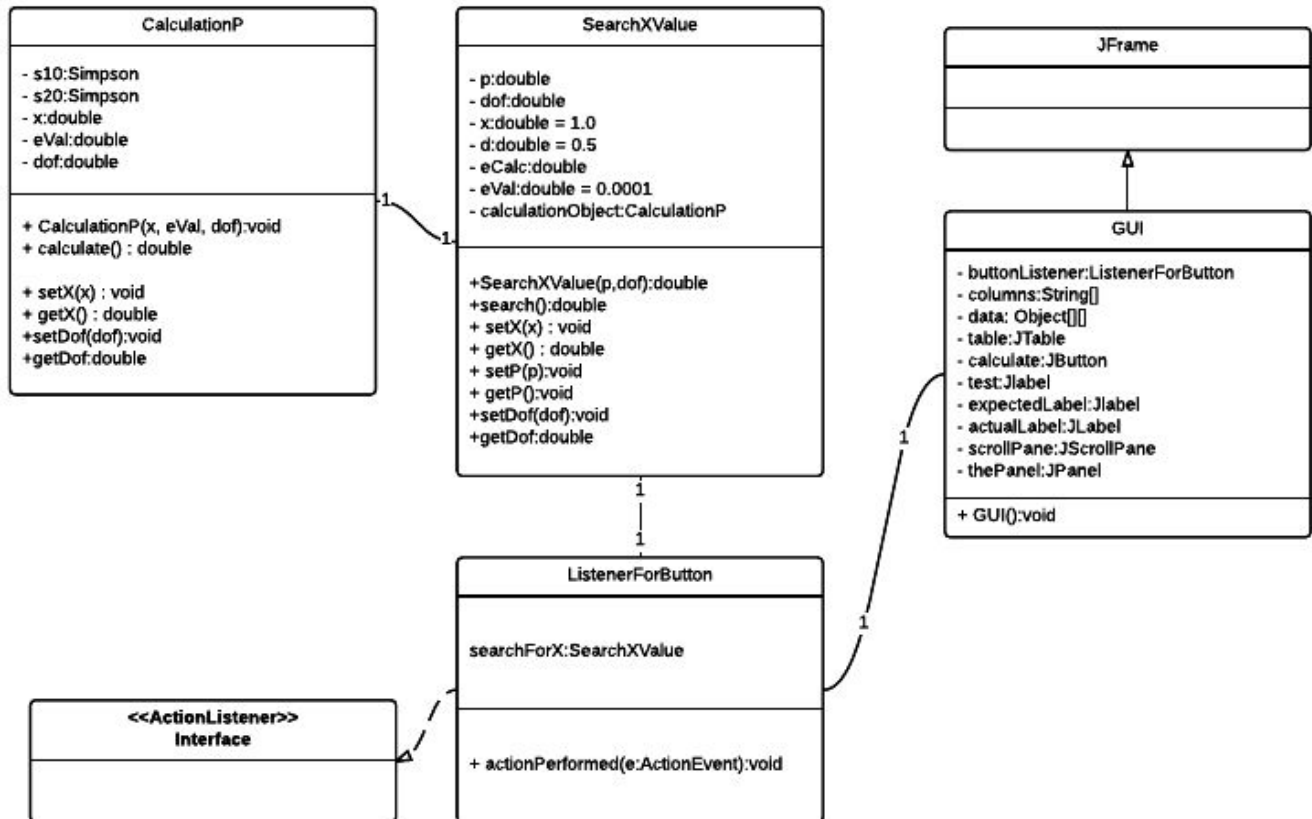
- SearchXValue object

The new program will show a GUI with the static 3 test cases, and a button that will display the expected value for X.

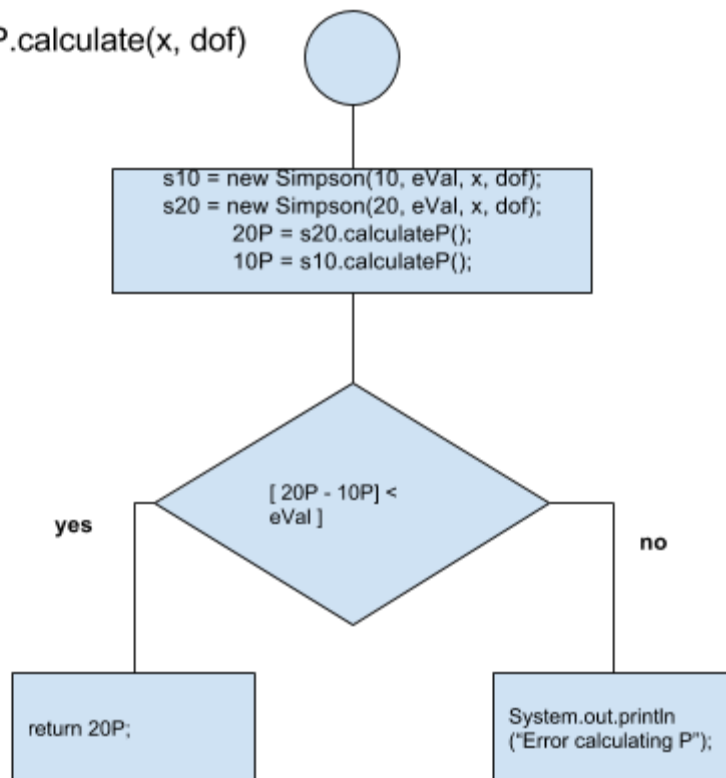
The diagram of the interaction of objects will be:



A more detailed class diagram can be found here:



CalculationP.calculate(x, dof)



SearchXValue.search(): double

