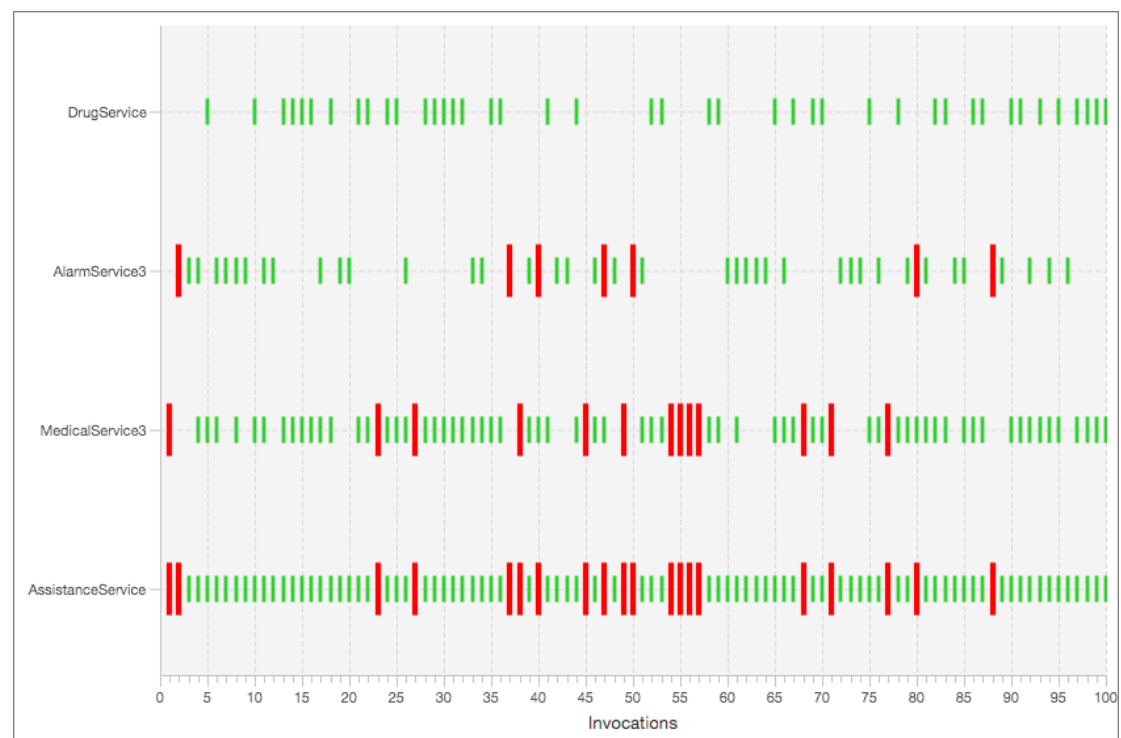**Instructions to run TAS.v1.5**

**Prerequisite**

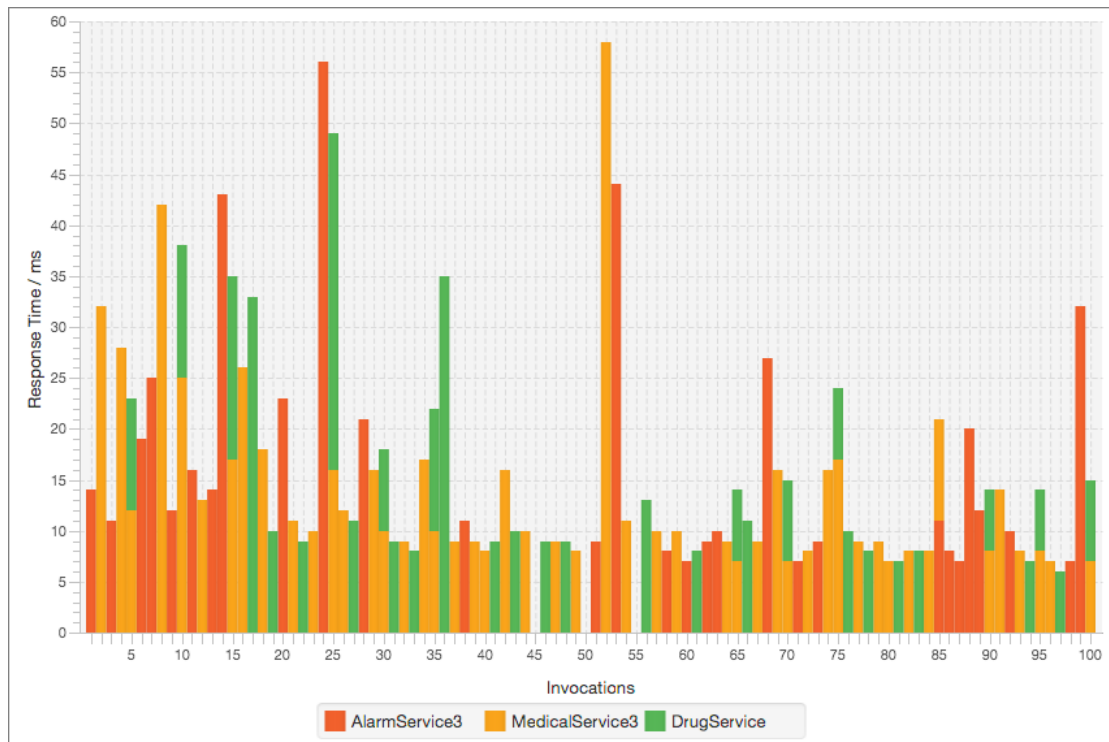JavaSE-1.8 installed (the latest Java version)

**Start TAS**

1. Download the TAS archive and unzip
2. Go to the deployment folder and double click the TAS_gui.jar file
3. Alternatively, start TAS from the command line with java -jar TAS_gui.jar
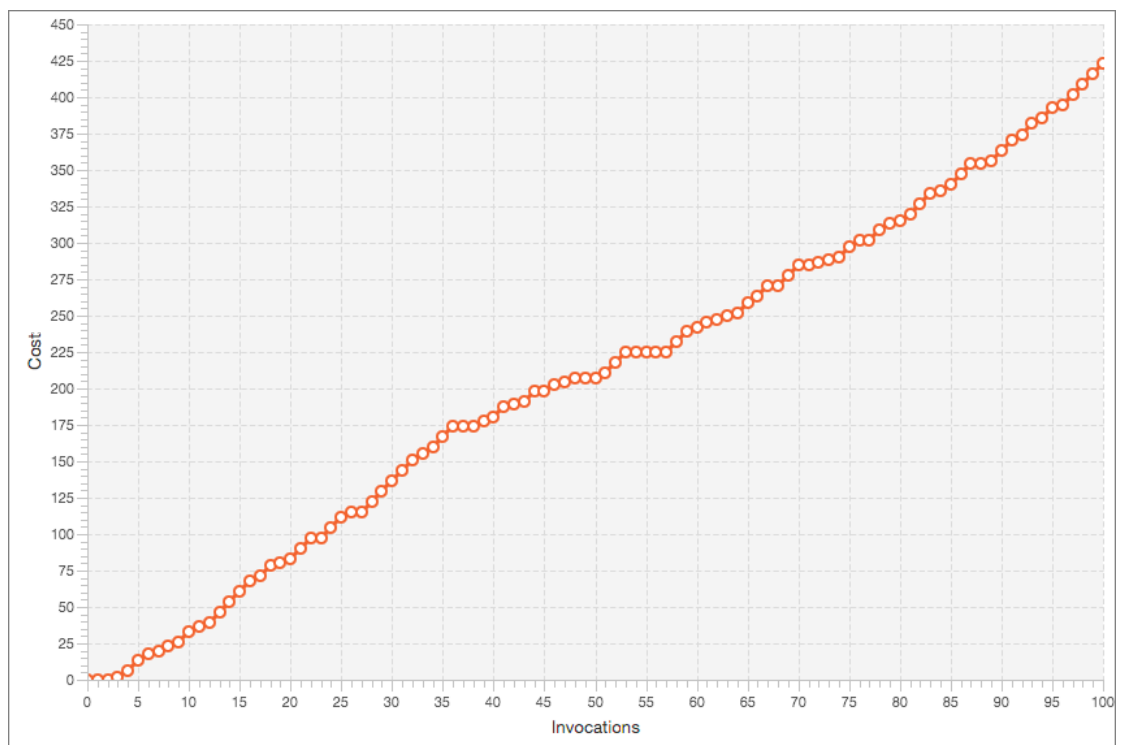
**Experiment with TAS**

When TAS starts, it opens a GUI. TAS comes with a default workflow. The help button provides a guide that explains the different elements of the TAS GUI. You can either run TAS without adaptation or with a simple adaptation engine (select the corresponding buttons). Then you can select one of the input profiles and perform a run by clicking the green arrow. Once the run ends, the results will appear in the graph/table panel. Green lines in the reliability graph represent successful invocations of services and red lines failures. The Performance graph shows the subsequent service execution times represented with stocked collared bars. The cost graph shows the cumulative cost over the run. You can experiment with different input profiles and even change the parameters of the input profiles by opening the XML specification file. The graphs of a particular run are show below:



Reliability Graph

Performance Graph



Cost Graph