Improving the BudgetChecker Listener Proposal

Connor Ahearn, Jeremy Winkler

February 23rd, 2020

Goal

The listener BudgetChecker is used for keeping track of the resource budget for the program during execution. Its capable of letting you know when

- Time is exceeded
- Heap is exceeded
- Depth is exceeded
- Number of states are exceeded
- Number of new states are exceeded

Milestones

Short summary of what we're going to work on for the class

1. Documentation of the class - Javadoc
2. Describe how to use the listener
3. Refactoring code to improve readability where applicable
4. Develop JPF tests

Deliverables

Our projects deliverables will include
1. Updated code and documentation
2. Test cases for the listener
3. Report which summarizes changes we made to the code and describes how to use the listener