

# Improving the BudgetChecker Listener Report 2

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## 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

## Progress

Milestones 1, 2, and 3 were started in the first progress report and were finished in this one. At least two tests have been made for each input to BudgetChecker which can be found in BudgetCheckerTest. For the final submission, we will do more testing, including:

1. Tests combining multiple inputs
2. Concurrent Tests