Revamping the `CallMonitor` Listener
Progress Report 1

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Goal

The listener `CallMonitor` of JPF prints for each method that is called

- the ID of the thread that executed the call,

- the depth of the stack,

- the name of the class,

- the name of the method, and

- its arguments.

Milestones

The class lacks documentation and some of the variable names are cryptic. The class also does not use JPF's reporting system. In this project, I plan to

1. document and clean up the code,

2. modify the class so that it makes use of JPF's reporting system,

3. develop JPF tests, and

4. describe how to use the listener.

Progress

Milestones 1, 2 and 4 have been achieved. The documented and cleaned up `CallMonitor` class and the README file have been submitted with this progress report. Let me highlight the major changes to the `CallMonitor` class.

- All methods have been provided with Javadoc comments.

- The formatting of the information of a method call has been moved to a private method.

- JPF's reporting system is used by

  - implementing the `publishFinished` method of the `PublisherExtension` interface, and
  - adding a constructor.

- Cryptic variables names have been replaced by more descriptive ones.