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- 1) The TwitterClient.java class has a initialization function that takes seven parameters.
- 2) The initialization is taking on too much responsibility in the class and should be cut into multiple functions that perform portions of the task.
- 3) Yes, the highest value is taken by 'run' in the processor and that only has a value of 10.
- 4) The backOff function within the backOff class has a cyclomatic complexity value of 3. The paths it could take are:
if (true) done
if (false) (else if (true)) done
if (false) (else if (false)) done
- 5) Afferent coupling is delegating a large amount of responsibility to one class. Efferent coupling means that is dependent on other classes to accomplish tasks. These affect project analysis because they describe the responsibilities of each class based off their coupling.
- 6) $806 / (928 + 154) = 74.491\%$
- 7) $761 / (928 + 948 + 154 - 806) = 62.173\%$
- 8) $1 - 126 / 3526 = 96.42\%$