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Question:

1) Number of Parameters (avg/max per method) for
src/com.gist.twitter/TwitterClient.java/TwitterClient/TwitterClient

(the constructor for TwitterClient)

2) Group some of the parameters into an array

3) The highest is TwitterProcessor.run() at 10, which is within the acceptable range.

4) The backOff method has a total of 3. The first path is when backOffMillis is 0, the next one when backOffMillis is greater than the capMillis, and the next when the backOffMillis is not greater than capMillis.

5) Efferent coupling involves the number of data types a class knows about, a large amount typically telling us that the class is unfocused and can indicate that it is not very stable from the data type dependencies. Afferent coupling on the other hand involves the number of data types that depend on the particular class, which can be used to analyze likely hood of repair existing classes when a new feature is implemented into the system.

6) Top Level Design inspection effectiveness = $(806/154+928) * 100 = 74.49\%$

7) Low Level Design inspection effectiveness = $(761/154+928+948-806) * 100 = 62.17\%$

8) Overall Defect Removal for Development Process effectiveness = $(806+761+1144/3526) * 100 = 76.88 \%$