Homework 4

Group 1

Names:

\* James Rodgers

\*

\*

Index

Question & Answers Page

List of the core functionality of the systems. 2

The relationship between major classes and interfaces. 2

Why you think those relations are good or not good. 2

Find instances of design patterns. Explain how they’re used? 2

If Java Streams or Lambdas have been used. If so, how? 2

Appendix

Number of commits with terms “bug”, or “bugfix” in the commit message 3

A graph to show the frequency of code commits 4

A graph to show the code growth over time 5

External dependencies 6

Number of passing test cases 7

Major code contributors 8

1. List of the core functionality of the systems.

The core functionality of LeakCanary library is to provide memory leak detection for

Android and Java.

1. The relationship between major classes and interfaces. Why you think those relations are good or not good.
2. Find instances of design patterns. Explain how they’re used.
3. If Java Streams or Lambdas have been used. If so, how?

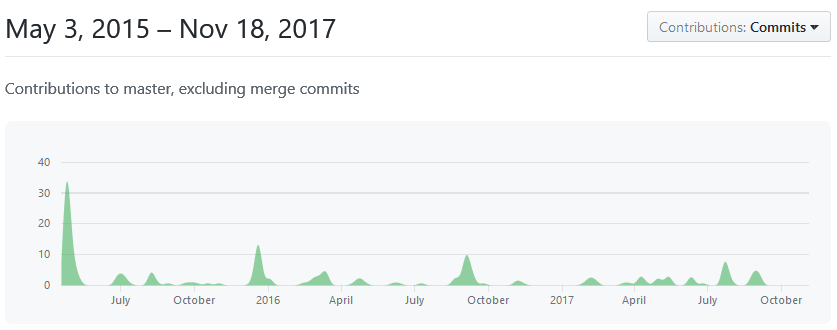
* Java 8 Streams were not used in the LeakCanary code.
* Java 8 SE Lambdas were not used in the LeakCanary code.

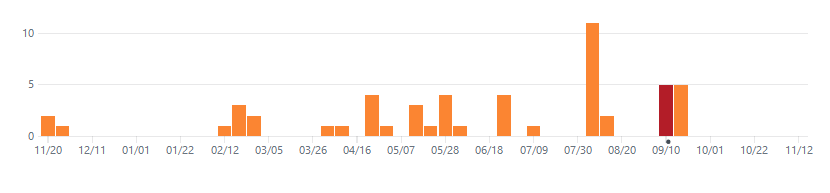
Appendix

Number of commits with terms “bug”, or “bugfix” in the commit message

A graph to show the frequency of code commits.

Graph to show the code growth over time





External dependencies

Number of passing test cases

Major code contributors

# Pierre-Yves Ricau is the main contributor who goes by Pyricau on GitHub.



# John Rodriguez is the second major code contributor who goes by Jrodbx on GitHub.



Both Pierre-Yves and John work at Square Inc. who has the copywrite license for this

software.