

Product Name: UCSC GraalVM Data Visualization

Team Name: UCSC GraalVM

Release Date: End Winter Quarter

Revision Number: v1.0

Revision Date: 3/13/20

Project Release Plan Part 1: UCSC GraalVM

High Level Goals:

- Display source code for functions defined elsewhere
- Display in IDE

User Stories For Release:

Sprint 1

- As a developer, I want to be able to get familiar with the static analysis report and Graalvm codebase in order to effectively contribute code towards an extension.
 - Story Points: 3
- As a developer, I want to be able to create an IntelliJ plugin using IntelliJ's plugin development kit.
 - Story Points: 5
- As a developer, I want my data stored into a JSON file so that I can use libraries to easily read the file
 - Story Points: 7

Sprint 2

- As a developer, I want to be able to follow the call trace for a selected line.
 - Story Points: 5
- As a developer, I want to see a hyperlink to my source code so I can trace back my code.
 - Story Points: 8

Sprint 3

- As a developer, I want to see my source code displayed in a separate window so I can trace back my code while keeping the code I'm working on in view.
 - Story Points: 5
- As a developer, I want to see the code coverage to understand which functions can be reached.
 - Story Points: 5

Product Backlog:

- Display the reachability of function in real-time.
- Github Extensions