

Report #: 4
Date: 2/28/2022

Project Name: Rust Cleaners
Prepared by: Arsh Kabarwal, Olivia Ornelas, Kipp Corman, Joseph Carpman

Agenda for the weekly meeting

1. Display our demo that we created
2. Discuss how we can possibly make the loading process faster
3. Discuss next steps

Accomplishments during this period

1. Created a bash script to call all the static analysis tools
2. Set up docker container with all the dependencies
3. Created a basic website that allows user to submit code through github url
4. Created a basic demo to show to instructor and TA

Plans for the next period

1. Show output of the analysis tool that was run on the website.
2. Create a design to display the results in an easy to understand way
3. Continue downloading the proposed code review tools into Docker image.
4. Decide and start setting up where the website will be hosted.
5. Set up Soteria as one of the functioning tools

Project management status

1. Met on Sunday to set up a simple working demo
2. Split into frontend(Kipp and Arsh) and backend(Olivia and Joseph) groups
3. Divided tasks for the week.
4. Updated gantt chart with weekly progress.
5. On schedule.

Minutes from meeting with professor

Discussed implementing SARIF, Static Analysis Results Interchange Format

Talked about using Metaplex example for testing tools

For next demo, create a basic website the allows the user to input a github url to display basic results from tools

Possibly implement a confidence scale for each tool and its reliability for the results