CS4320 Software Engineering

Group 6

Sprint 3 Report
Augur Libyear Metric

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1. Introduction

The goal of the Libyear worker being designed within this project is to create the functionality to allow a user to view the libyear metric of a repository. The purpose of this document is to provide an update on the work done on the project.

2. What's Been Accomplished

During this sprint, several key aspects of the project have been completed. The repo libyear table has been updated with the install schema to follow the correct framework. The config.py has been updated to add work data within the install version. A heavy redesign of libyear was complete in order to better fit the needs of the project. This redesign allows for the parsing of repositories without the need to obtain them locally. The worker __init__.py file was complete, as well as the worker's model. Finally, several github repositories were created for the purpose of testing the project. These github repositories were added to the schema as well.

3. Future Plans

In order to finish the projects, only a handful of things need to be completed. Libyear functionality needs to be imported into a custom worker class called Libyear. The Libyear worker class then calls functions from the libyear class and stores the libyears in the databases. Then have verification that the worker has been added to the database.

4. Current Issues

Locating the facade folder has posed some issues. Otherwise, most other issues have been dealt with.

5. Reflection

During this week, our team has accomplished a substantial portion of the work needed to complete the project. The group has become significantly more cognizant of the way the Augur system works, as well as the requirements to get the project up and running. A large portion of the work done has been changing the way libyear works to better suit the project. After looking into the way libyear works, the team decided that it would be best to overhaul the original design to make the worker more practical. All in all, the project is coming together and is on track to be completed before the deadline.