Title:

Augur View Scripts

Description:

The process of setting up and launching augur is a confusing process that requires many steps. In order to speed up this process, scripting will be beneficial. It will shorten the installation process and allow for greater efficiency and use of the software to obtain metrics for analyzing.

Triggers:

User will enter a command in the terminal that will automatically install the necessary packages and start the augur view.

Actors:

- Users
- Augur Community
- Employees

Preconditions:

- Setup up the database
- Install and configure Augur's application server
- Install and configure Augur's data collection workers

Main Success Scenario:

- Users will be able to set up and view metrics obtained from a given repository through a single command

Alternate Success Scenarios:

- N/A

Functional Requirements:

- Available Augur Repository
- Available installation documentation for frontend
- Makefile that will have options for default values
- Dependencies will be checked before hand

Non-Functional Requirements:

- Installation should be easy
- Documentation for tutorial and explanation

Failed End Condition:
- Database installation and configuration failed
- Application server installation and configuration failed
- Data collection worker installation and configuration failed
- URL to the repository does not exist
- Not enough metrics for given repository

Extensions:
- N/A

Steps of Execution:
1. The user sets up the database, application server and data collection workers
2. The user enters a command
3. The user can view the metrics