

2/2/18:

- Setup arangodb
- Create a demo graph manually according to the design suggested by Antonio
- Play around with python and php drivers
- Plan:
 - Get basic function to perform basic features

10/2/18:

- Get top libraries and dependencies in Python
- Improve data fetching with python
- Plan :
 - Use aql for getDependencies and getTopLibraries
 - Use python for backend instead of PHP
 - Reason: easy to implement, same codebase
 - Plan: use Flask to develop API
 - Front end with react
 - Only react. No state management libraries like redux or flux

26/2/18:

- AQL query for getting top libraries
 - using bind parameters
 - Current issue: traverse graph 2 levels everytime, need to save SHA date on edge
 - Proposal: save sha date only on "revision" node. Go to next "revision" node if the date is not valid. (After the required date)
- Refractor codebase
- Testing aql queries on web interface
- Change time format to ISO 8601
- Plan:
 - Get dependencies aql
 - Refractor data fetching code
 - Get front end demo up and running
 - Better graph traversal like proposal above