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CS 3423 Project Proposal

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Project Aim

Create a NoSql Database of Greek mythology characters with a few details about them from the book The Argonautica

Tools and Technologies

- Bash – to automate the process of obtaining and storing data.
- Sed & Awk – to extract files from the data obtained.
- MongoDB
- Data sources :
 - The Project Gutenberg EBook of The Argonautica, by Apollonius Rhodius.(<https://www.gutenberg.org/files/830/830-0.txt>)
 - <https://www.greekmythology.com/>

Overview

- Run a bash script to download The Argonautica into a file.
- Scan the file for Greek characters and cross reference each Greek character with the information associated with them on the <https://www.greekmythology.com/> website.
- The data is merged and inserted into a MangoDB

Benefits

The data obtained in the newly created database could be beneficial to the following persons in the ways listed below.

- Greek mythology students. This could be a summary for students each character in the database and could further aid in memorization for tests and exams.
- Greek mythology fanatics & the general public. Individuals could easily obtain direct access to information on interested characters.