MICHIGAN STATE UNIVERSITY

Alpha Presentation

General RAte Calculation IDE

The Capstone Experience

Team Delta Dental Knowledge Science 1

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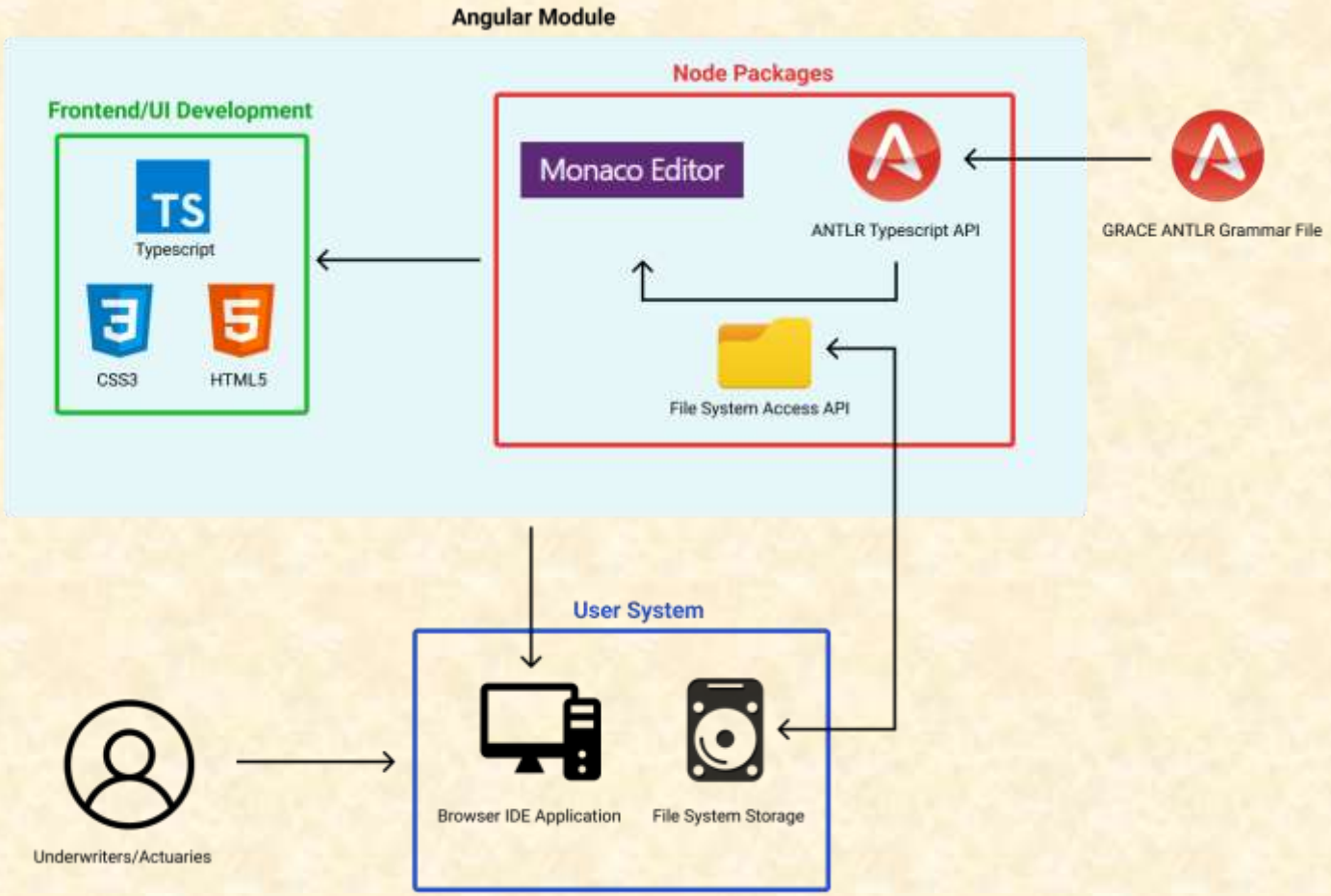
From Students…
…to Professionals

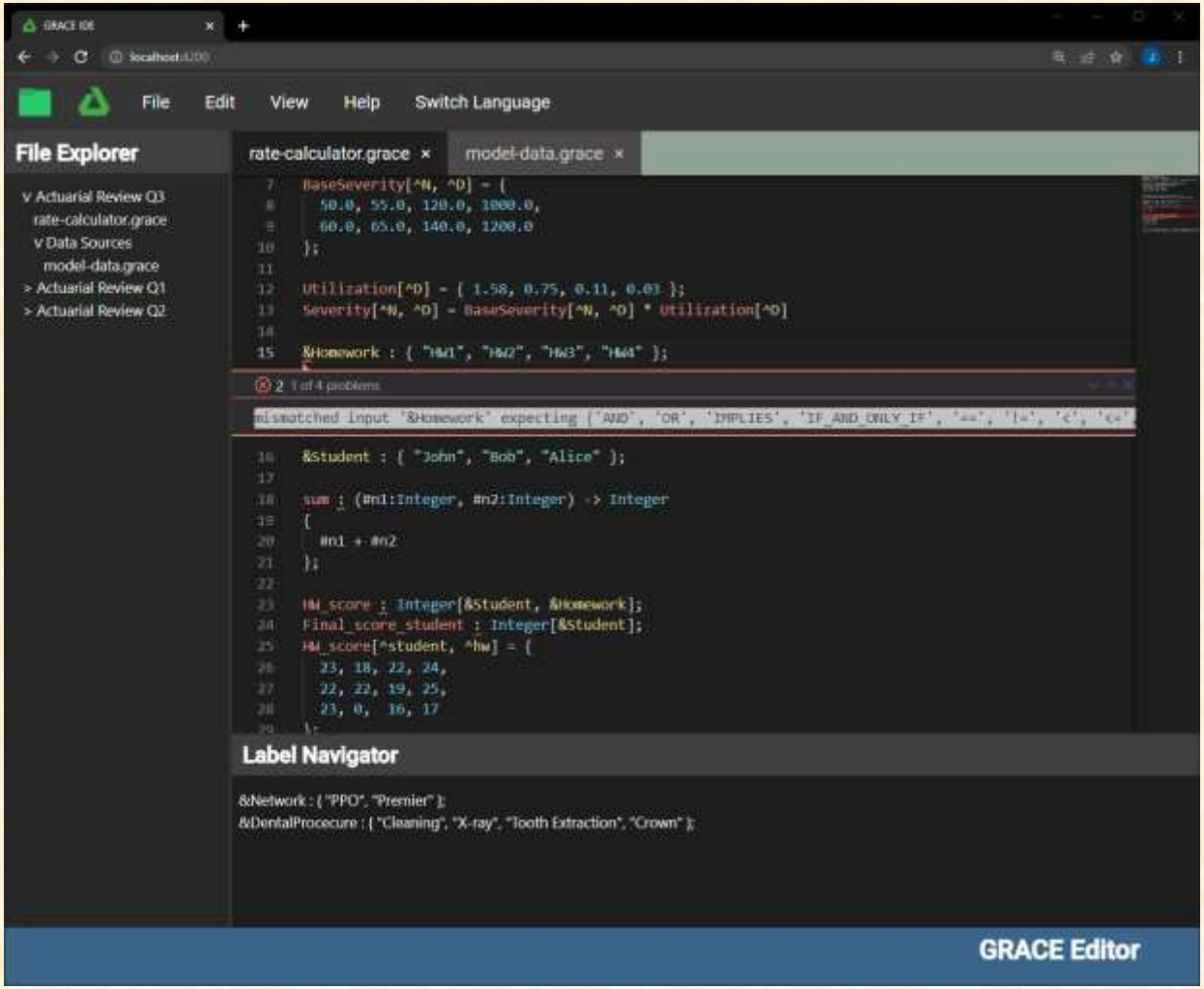
Project Overview

- Browser-based editor for General Rate Calculation Environment language (GRACE)
- Helpful editor features like code coloring and error highlighting
- File and folder navigation similar to native IDEs

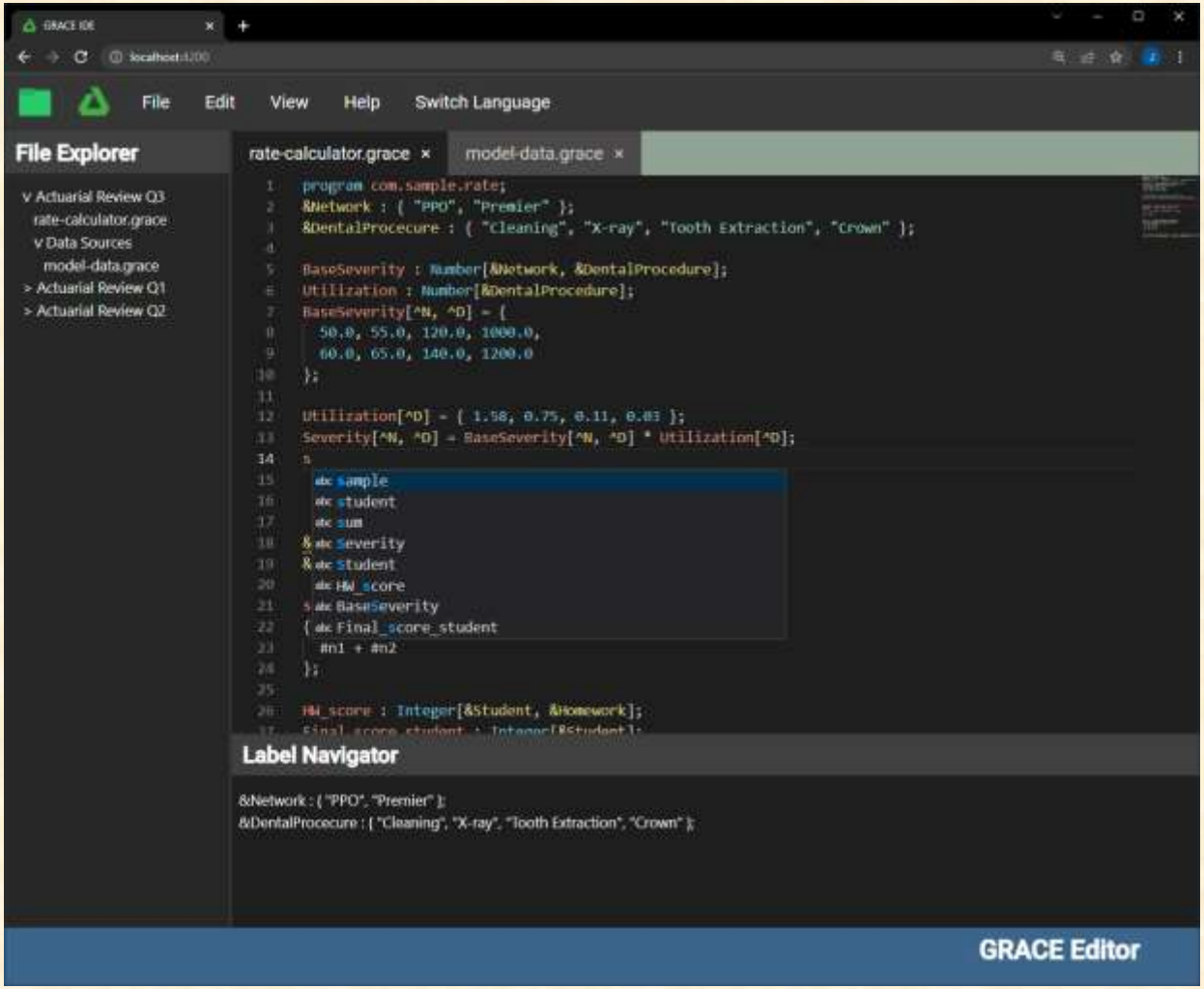
System Architecture



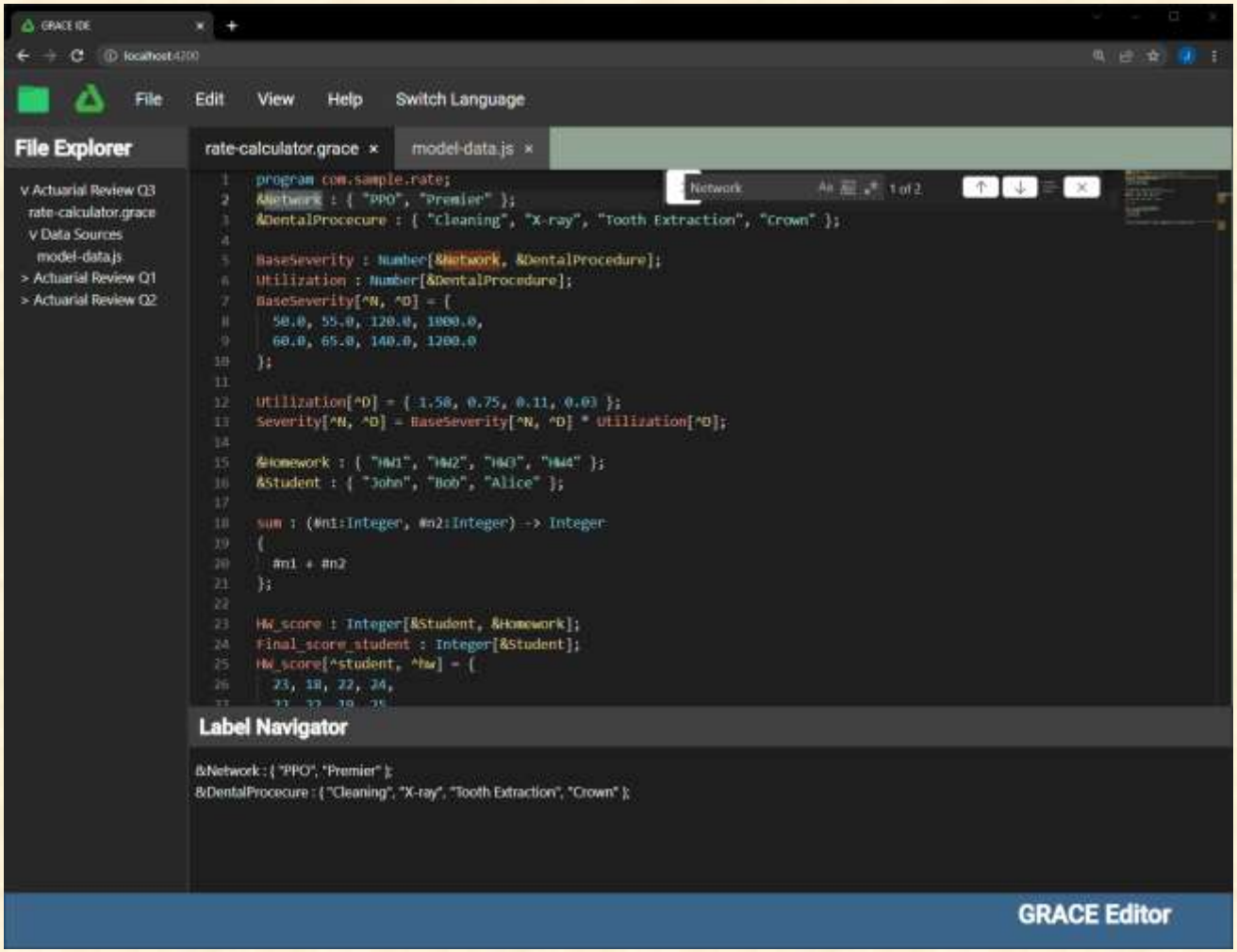
Error Checking



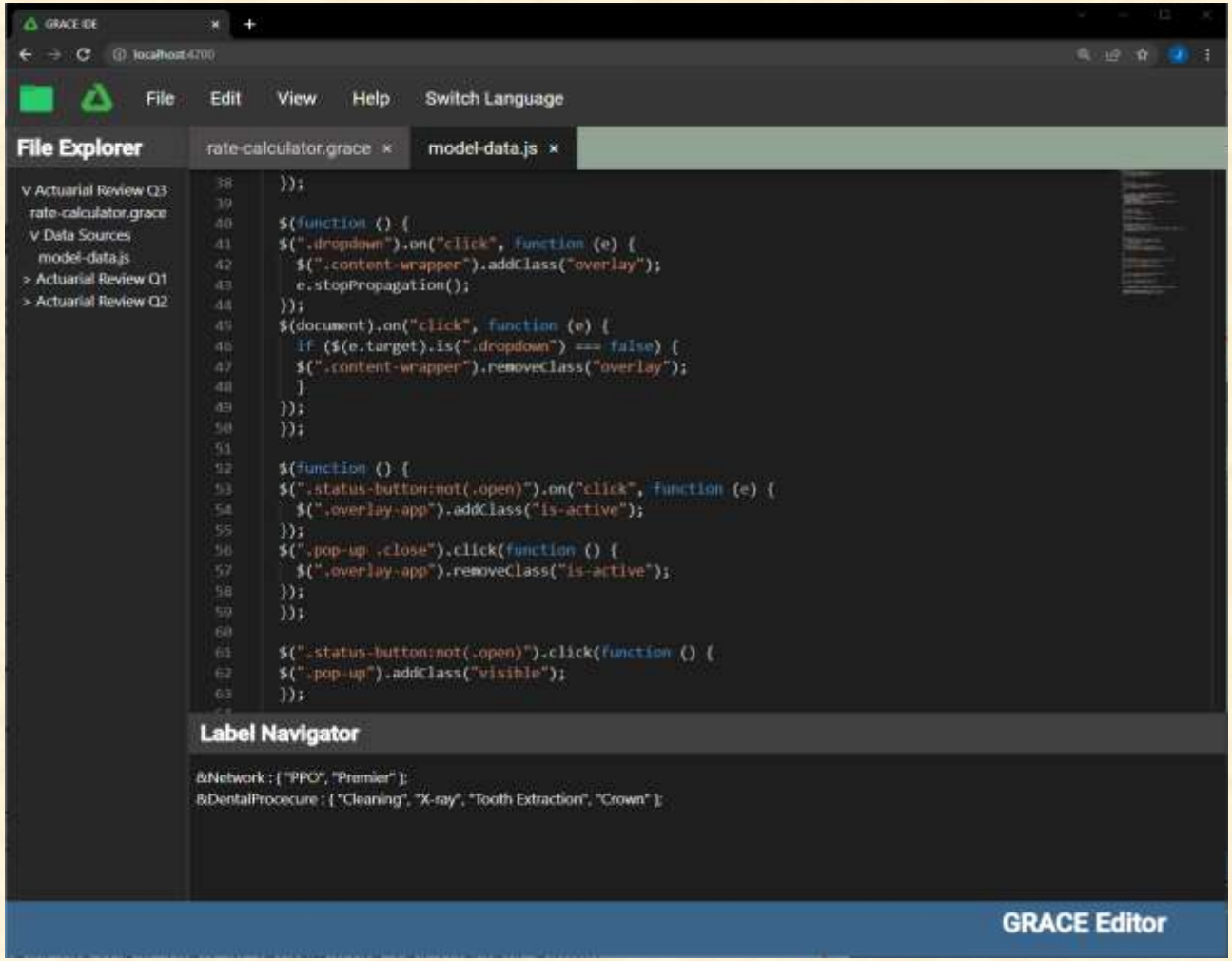
IntelliSense Completion



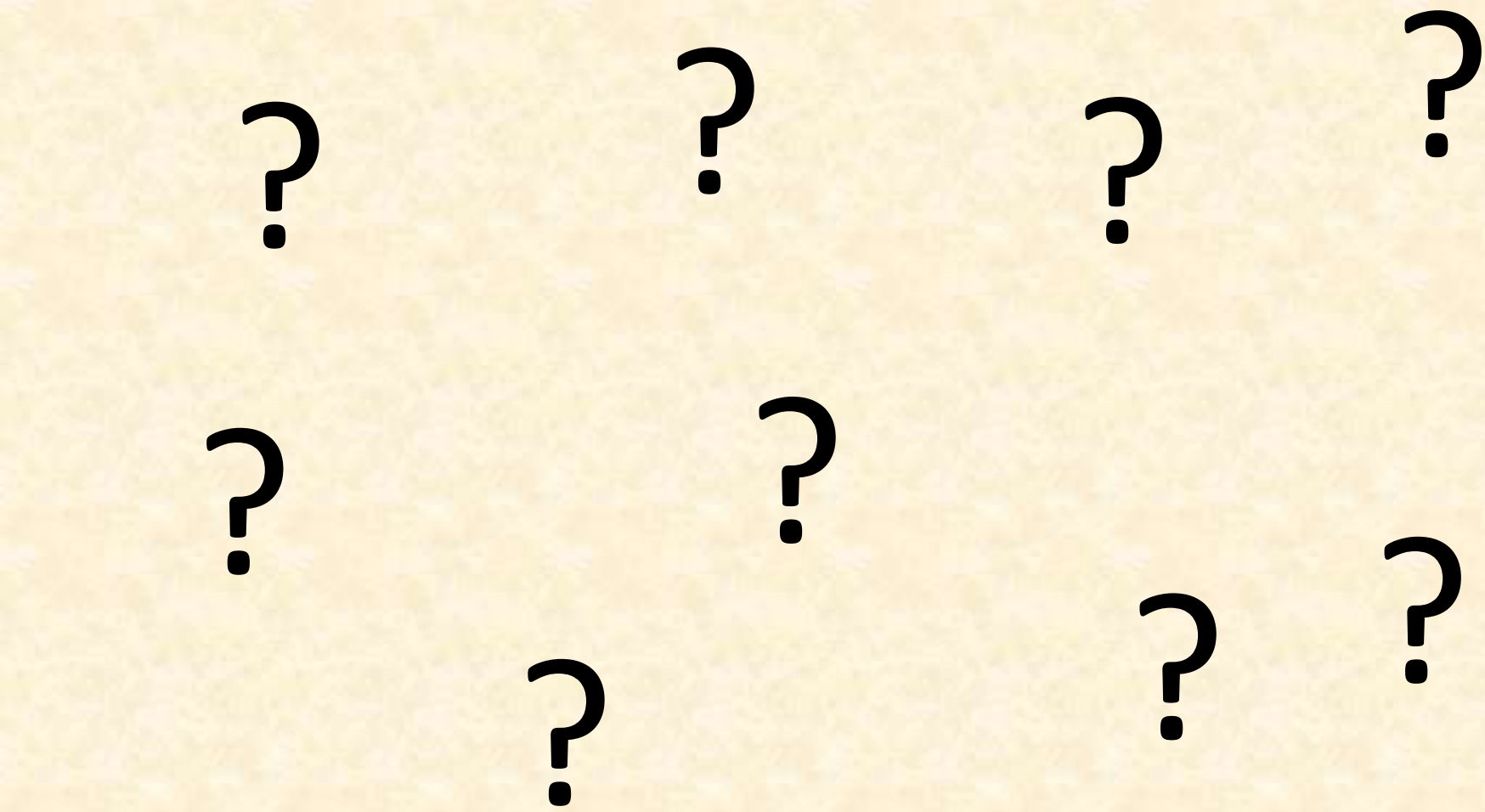
Code Navigation/Refactoring



Using Alternate Language (JavaScript)



What's left to do?

- Identify and display more GRACE errors
- Improve IntelliSense completions
- Finish back end for the label navigator and file tree
- Implement the functionality of remaining menu bar options

Questions?