

TF Trees



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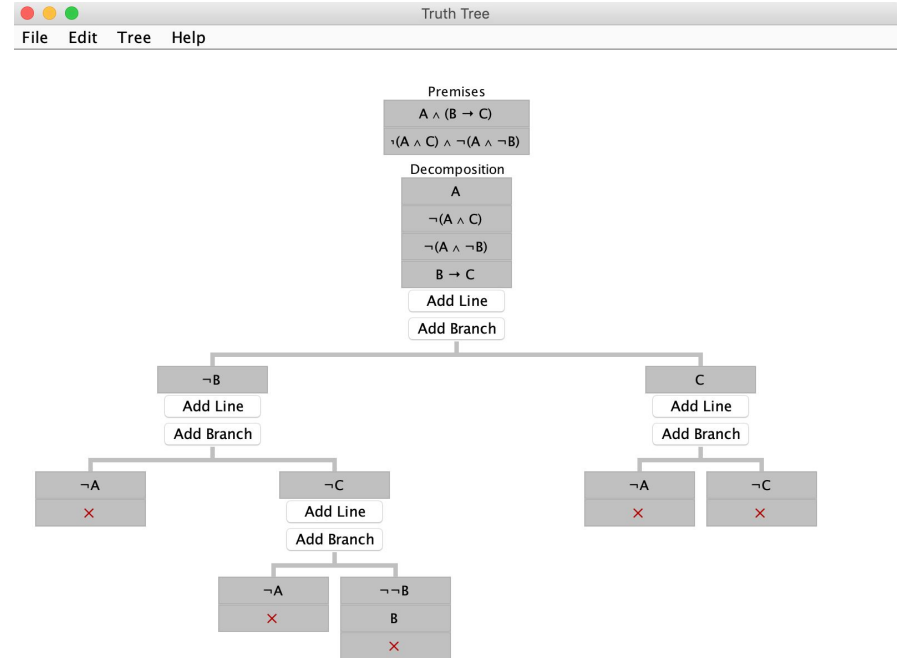
Overview

1. Review of Software
2. Initial Objectives
3. Progress
4. Issues
5. Reflection
6. Questions



Review of Software

- Formal proof interface for creating truth trees
- Coded in Java and uses AWT and Swing packages for display
- Last updated in 2016
- Slightly buggy and could use some improvements



Initial Objectives

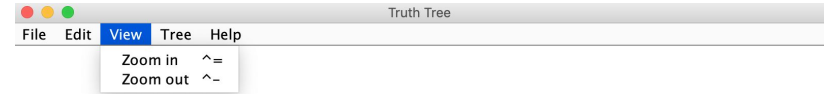
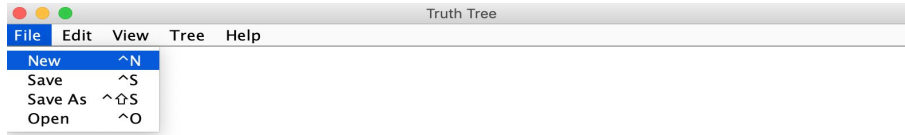
- **Bug:** Characters do not always get replaced by a logic symbol when typing
- **Bug:** Does not always load files
- **Bug:** Inability to resize the window
- **Feature:** Zoom in/out
- **Feature:** New file option
- **Feature:** Checkmark notation
- **Feature:** Splitting

ADDED
FEATURES

A close-up photograph of a hand with the index finger pointing towards the word 'FEATURES' in the 'ADDED FEATURES' text. The hand is positioned in the lower right corner of the slide.

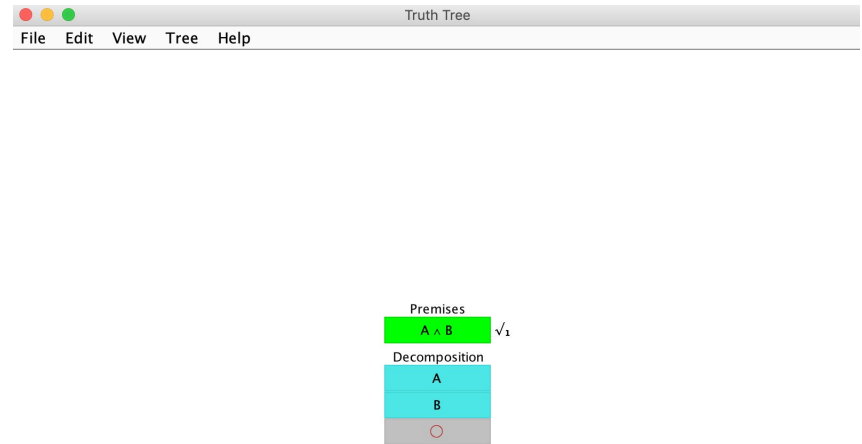
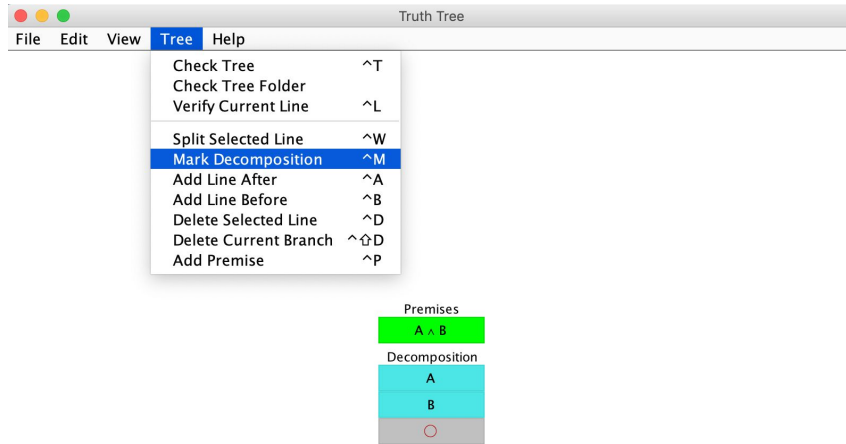
Progress

- Implemented the New File option and the Zoom functionality



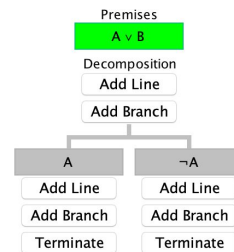
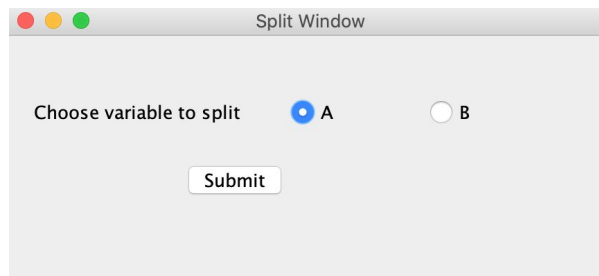
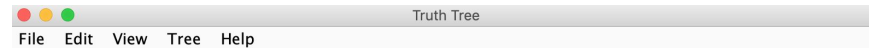
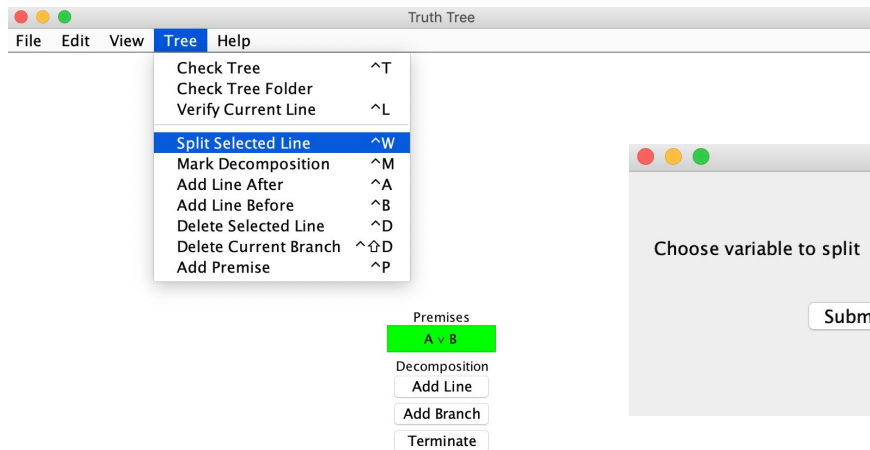
Progress (cont.)

- Checkmark notation has been added



Progress (cont.)

- Added the option to split on a variable



Progress (cont.)

- Fixed the bugs
- Improved existing code structure and documentation

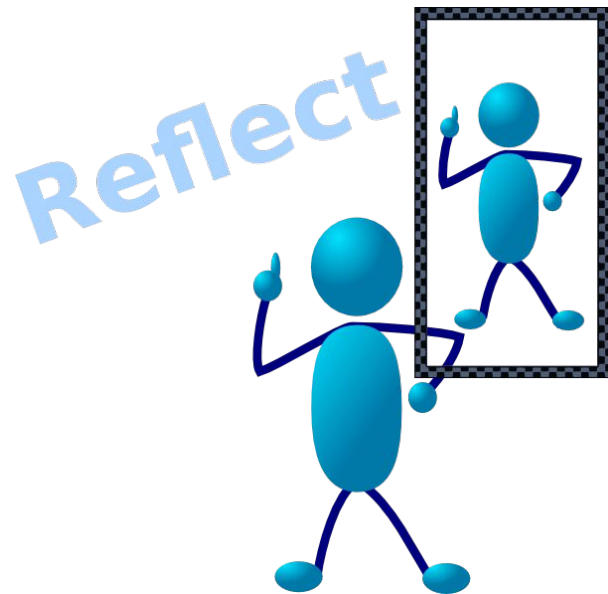
Issues

- A sizeable portion of the code was not documented
- The design was not completely conducive to the features we wanted to implement
- Some features we did not end up completing
 - Assessment window
 - Short-cut rules
 - Resolution



Reflection

- Better time management
- Better documentation (in progress!)
- Apprehensive towards refactoring the entire codebase



Questions?