



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

GUI Support for U·(TP)²

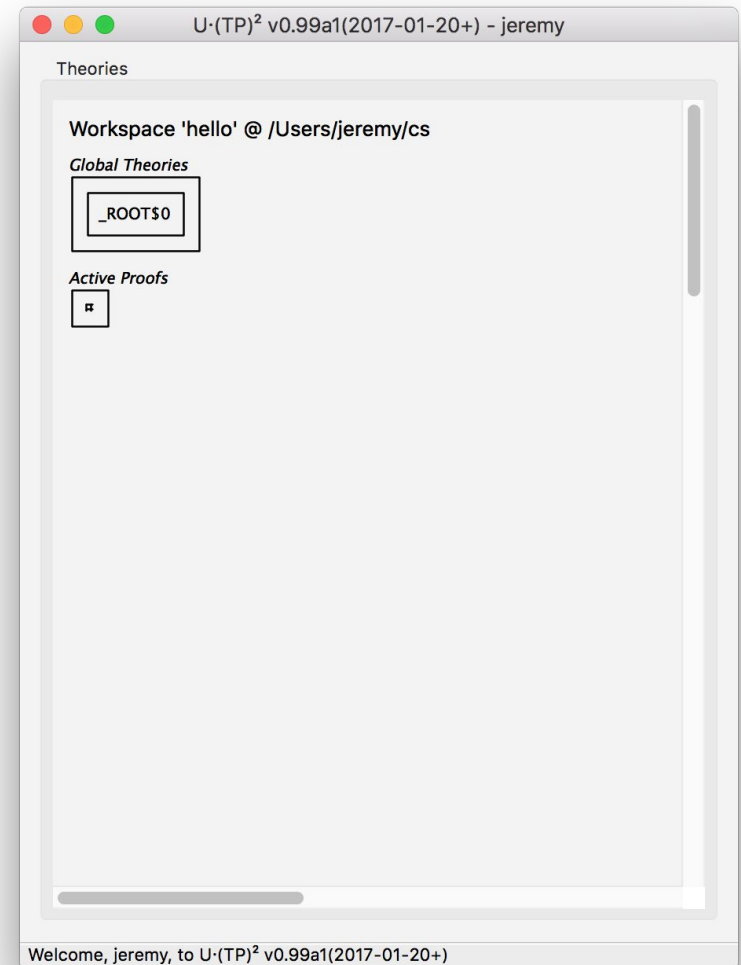
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Date 10/04/17

Background & Related Work

- Existing computer application named $U\cdot(TP)^2$
- Theorem Proving Assistant for the Unifying Theory of Programming
- GUI built using WxHaskell



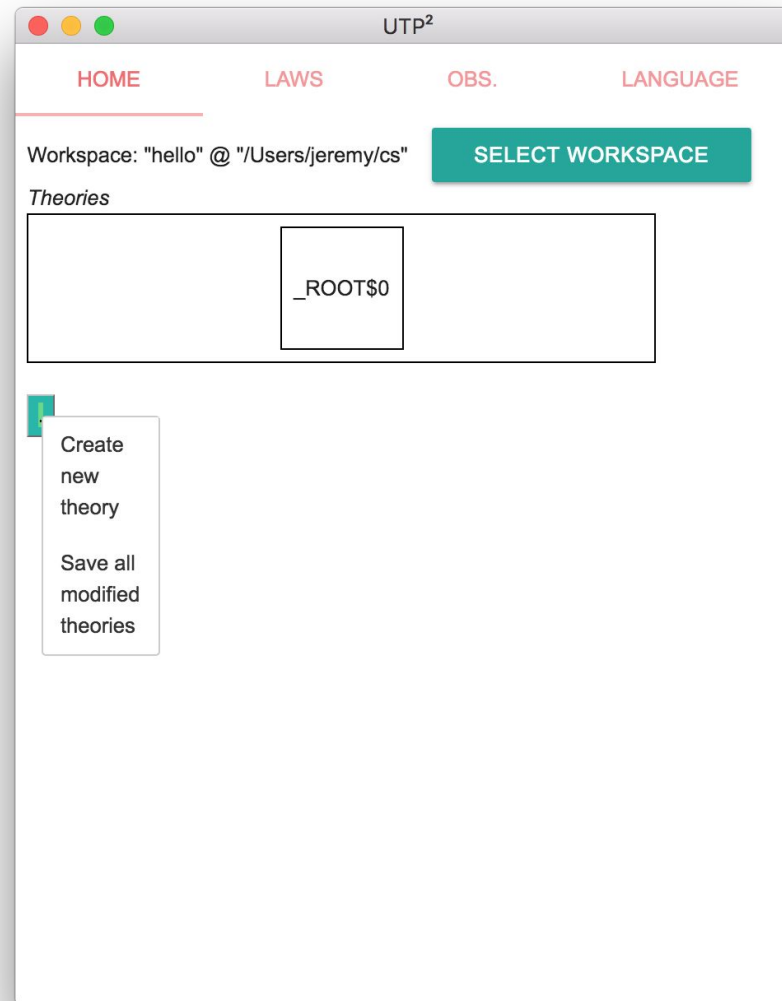
Background & Related Work

- Threepenny-gui
 - GUI framework that uses the web browser as a display
 - Easy installation
 - HTML + JavaScript
 - Functional Reactive Programming

Implementation Issues

- Limitations of Threepenny-gui
 - No right-click menu
 - Limited layout combinators
 - No file/directory selection
 - No packaging OS native applications

Conclusion





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Thank You

