

DISSERTATION PROPOSAL

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1. INTRODUCTION

2. IDEAS

2.1. **jEdit as an Interactive Theorem Proving Environment.** Harness the power of Java/Piccolo/jEdit. jEdit also used with Isabelle (CITE).

2.2. **Proof Previews.**

2.3. **Proof Tree Visualization.**

2.4. **Proof Transitions.**

2.5. **Syntax Tree Visualization.**

2.6. **Keyboard-Card Menus.**

3. IMPLEMENTATION

3.1. **Current.**

3.2. **Planned.**

4. DESCRIPTION OF USER STUDIES

4.1. **Keyboard-Card Menu Study Results.**

5. LITERATURE REVIEW

6. TIMELINE