

Sprint 3 Planning Meeting

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Meeting Start: 6/28/2021 6:30 PM

Meeting End: 6/28/2021 7:00 PM

General Overview:

- New sub-group make-up
 - Implementation of jTLEX visualization (jTLEX FrontEnd)
 - Luis Robaina, Ronald Pena, Leandro Estevez
 - jTransforming Output of jTLEX Methods (jTLEX BackEnd)
 - Ismael Clark, Emmanuel Garcia
 - jTLEX Core Testing, Documentation, and Refactoring
 - Jared Hummer, Antonela Radas
 - Implementation of JSON Engine
 - Jared Hummer, Antonela Radas
 - Perform code profiling in JTLEX CORE java library
 - Victoria Fernandez, Pedro Diaz Maseda, Luis Robaina

Implementation of jTLEX visualization (jTLEX FrontEnd)

- ☒ Visualize the sample graph
- ☒ Create a React application
- ☐ Implement Graph Component in React to show a TimeML graph
- ☐ Work on "About" page (About page must break down main details of TLEX paper to show user how the algorithm works)
- ☐ Handle Component to Upload TimeML files in React React
- ☐ Create component to paste TimeML file into text box.

jTransforming Output of jTLEX Methods (jTLEX BackEnd)

- ☐ Create Branches on the SVN
- ☐ Doing research on Gradle
- ☐ Switch Maven Project to Gradle
- ☐ Shaping the API

jTLEX Core Testing, Documentation, and Refactoring

- ☐ 0. .equals() method for the Graph.java
- ☐ 1. Select a class to test (discuss selected class with team leader)
- ☐ 2. Write the necessary unit tests (all methods)
- ☐ 3. Verify statement coverage (try to reach high coverage)
- ☐ 4. Report any bugs/proposed improvements.
- ☐ 5. Document code as you test.

☒ Documentation (10 TODOs)

Show checked items (22)

85%

- ☐ GraphTCSP.java: see TODOs
- ☐ IGraph.java: see TODOs
- ☐ IndeterminacyDetector.java: see TODOs
- ☐ Timeline.java (see TODOs)



Refactoring / Fixes

Show checked items (5)

63%



IndeterminacyDetector does not implement its interface. (Should we delete the interface?)



Add Graph constructor which takes in a String



Check inconsistencies between timeCorpus and JTlex 2.0 output



Testing

Show checked items (3)

21%



Graph.java: 26.8% coverage, 1 failure



GraphTCSP.java: 99.7% coverage, 5 failures



InconsistencyDetector.java: 98.4% coverage, 1 failure



IndeterminacyDetector.java: 88.3% coverage, no assertions



Instance.java: 87.3% coverage



Link.java: 52.6% coverage



Partitioner.java: 77.6% coverage, 2 failures, 1 error



Text.java: 67.9% coverage



Timeline.java: 98.4% coverage, unexpected console output



TimeMLParser.java: 96.9% coverage



JSON

Implementation of JSON Engine

☒ Checklist Hide checked items

75%

- ☒ Doing literature review on JSON formats
- ☒ Converting JTLEX output into a JSON format output
- ☒ Remove in/out links
- ☐ React component to show de-anotated TimeML text. (Hint: Use RegExp to match parts of the text with tags)

Perform code profiling in JTLEX CORE java library

- ☐ Research available profiling tools
- ☐ Perform code profiling of our java library
- ☐ Report performance bottlenecks.
- ☐ Propose solutions to any performance issue.