# **Second Iteration Demo**

#### 1. date and time, and any challenges that arose

Tuesday, December 4, 2018

- challenges: none.

### 2. use cases that were demonstrated (highlight changes since first iteration)

vision impaired (text-to-speech)

We added support for text-to-speech—lacking in the first iteration—by linking to google's text-to-speech API. You may see text-to-speech working by running the tests found in the /test folder.

- remote communication (remote server)

A remote server was added—first iteration used a local server—so that two people may talk to each other by running the client on their own computer.

persistent account (database storage)

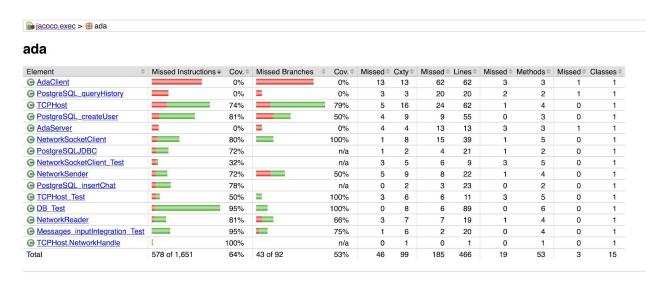
A postgres database was added—no form of persistent storage in first iteration—so that chat logs may be saved between sessions.

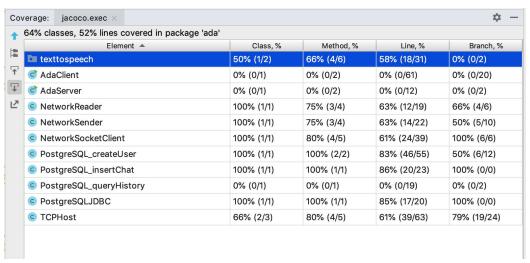
## 3. specific CI mechanisms shown during demo

We used the same CI mechanisms from the previous iteration (see below) and added the code coverage tool of \*jacoco. Jacoco is integrated into our system via our POM file, and is triggered on the maven verify command. We were initially reporting coverage in the low 40s, but have pushed that number ~50%.

Code Coverage: Jacoco
Version Control: Github
Build Tool: Maven
Continuous Integration: TravisCI
Project Management: Trello
Coding Style: Google Java

Static Analysis: PMD Unit Testing: Junit





### 4. link to repository (tag revisions shown in demo)

https://github.com/LooseScruz/ada