

Smart Slides Architecture

Key: NC = notecard

User Browser

Server - Side

javascript
JS captures
input Audio

once cut, end
transmission

→
Websocket
or what?
• node.js?

Go or Python
Needs: instant
and real time
speech recognition.

MongoDB

↓
Parsed transcript vs. {
• User Performance
• Presentation contents

- Time on NC
- Silence time
↳ rate of parse

(ghost text)
• Progress Report
• Next notecard
• avg time

} HTML
contents
updates

Call: audio response action

↓ Logic

Browser View calls.

← MVC [Go] at the moment
→
Call: user UI interaction

↓
ghost text
spoken in
notecards

- depends
on speeds
of cycle