

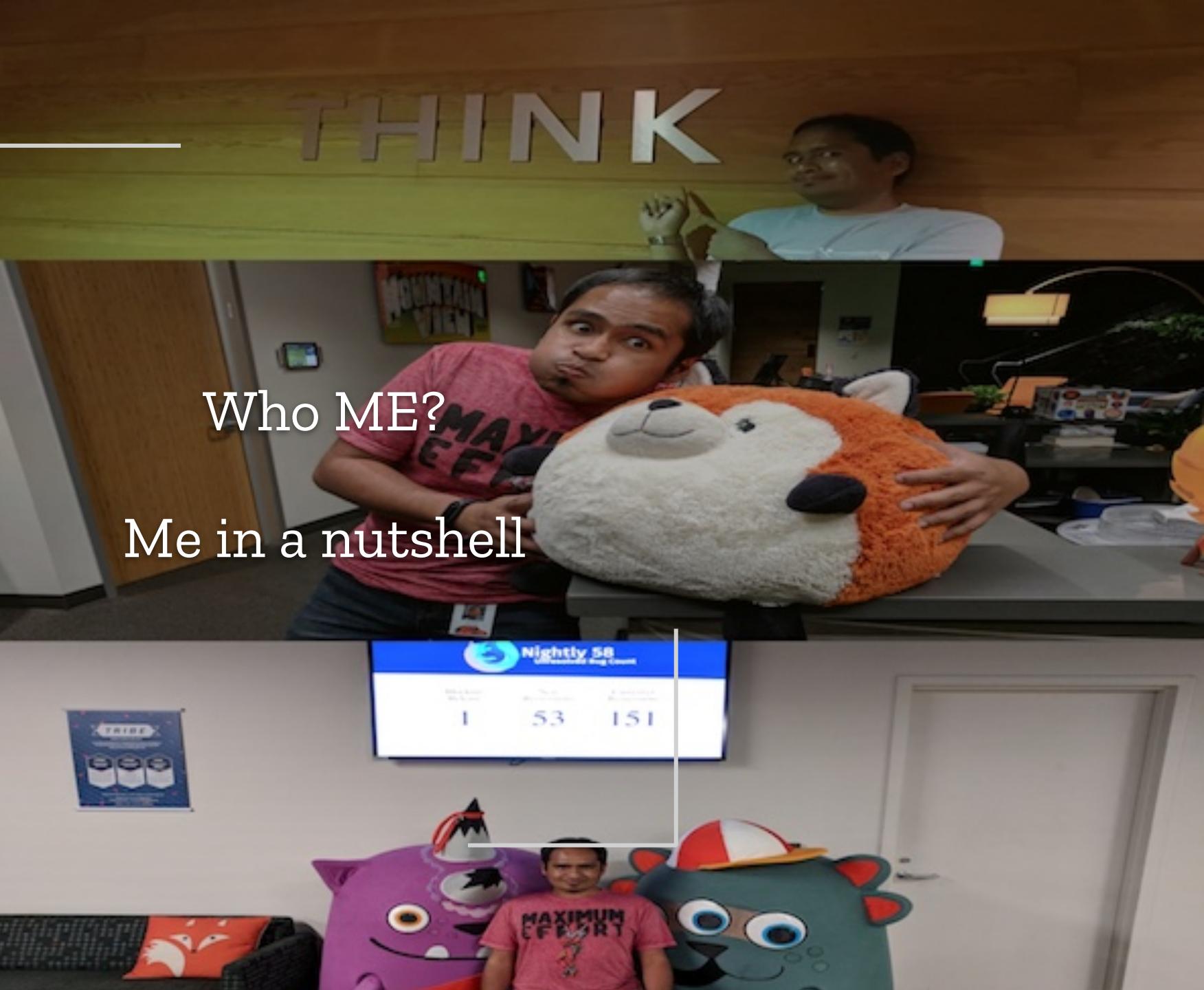


Voice Driven VR

How WebSpeech API can drive WebVR
interaction

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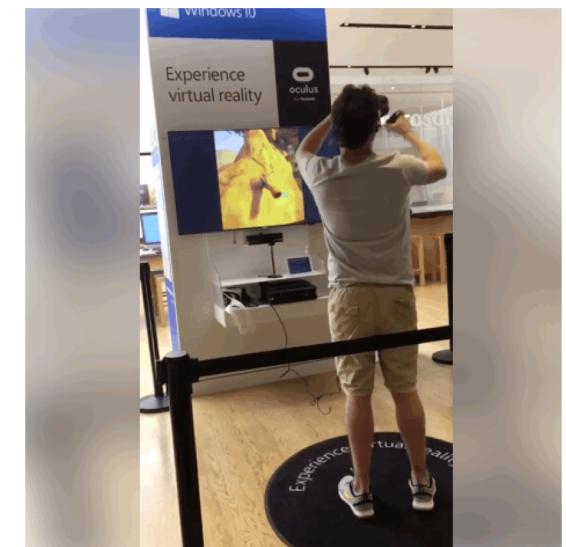
Agenda



WebVR

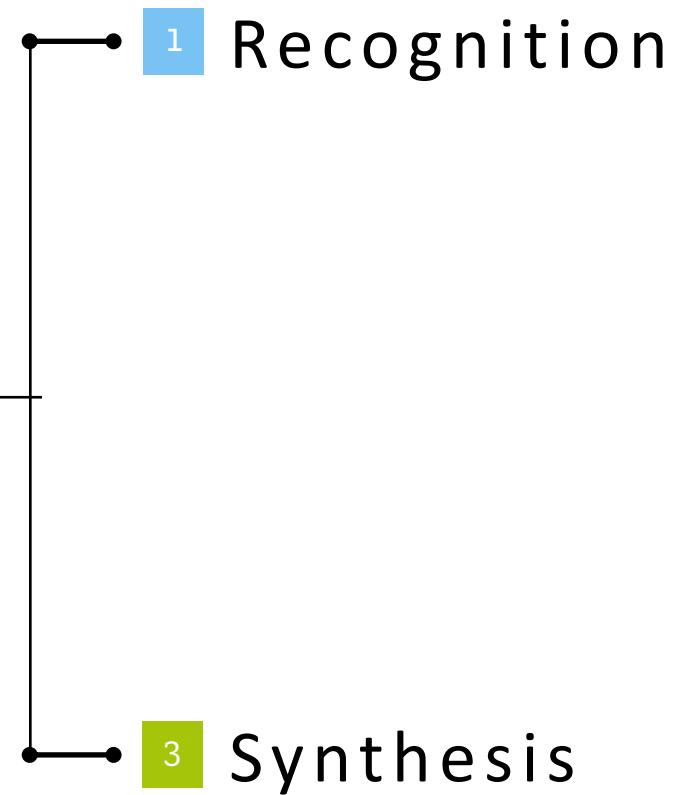
WebSpeech
API

WebVR



WebSpeech API

WEBSPEECH

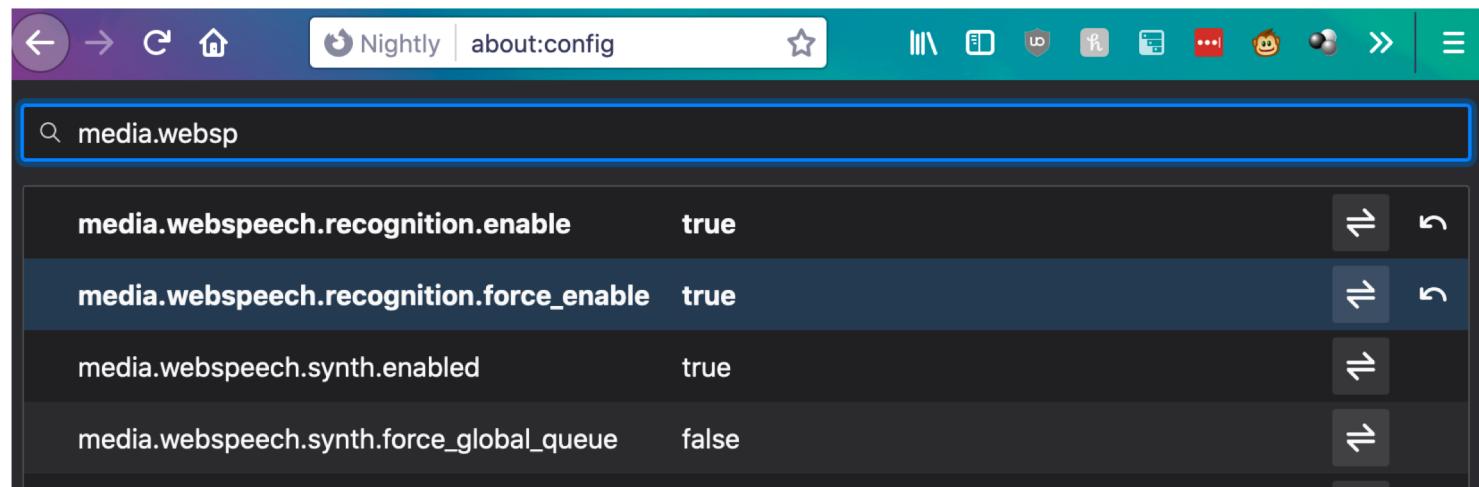


Use Cases (Web Speech)

- Voice Web Search
- Speech Command Interface
- Continuous Recognition of Open Dialog
- Speech UI present when no visible UI need be present
- Voice Activity Detection
- Temporal Structure of Synthesis to Provide Visual Feedback

Using it today in Firefox

about:config





Demo #1

<https://singaporets.netlify.com/>

Demo #2

Resources

- <https://github.com/fabiosalvi/aframe-react-boilerplate>
- <https://aframe.io/docs/>
- <https://github.com/mdn/web-speech-api>
- https://developer.mozilla.org/en-US/docs/Web/API/Web_Speech_API

Code and Talk Slide available at:



<https://github.com/rabimba/SpeechVRSG>



"Of course it is happening inside your head, Harry. But why on earth should that mean that it is not real?"

- Albus Dumbledore, *Harry Potter And the Deathly Hallows*

moz://a

Thank You