

Microsoft Azure Cognitive Services: Text to Speech API

UNDERSTAND THE BASICS OF TEXT TO SPEECH



Jared Rhodes

MICROSOFT MVP

@qimata www.jaredrhodes.com



Outline



What Is Cognitive Services?

What Is Text to Speech?

REST API

Build Polygot Applications

Create a Custom Voice

Utilize Text to Speech



What Is Cognitive Services?



Cognitive Services



Build Intelligent Applications without Having Direct AI or Data Science Skills or Knowledge



Polygot SDKs and a Full REST API



Help Developers Create Applications That Can See, Hear, Speak, Understand, and Even Begin to Reason



Cognitive Services

Vision

Speech

Language

Knowledge

Search



Cognitive Services: Speech



Cognitive Services: Speech



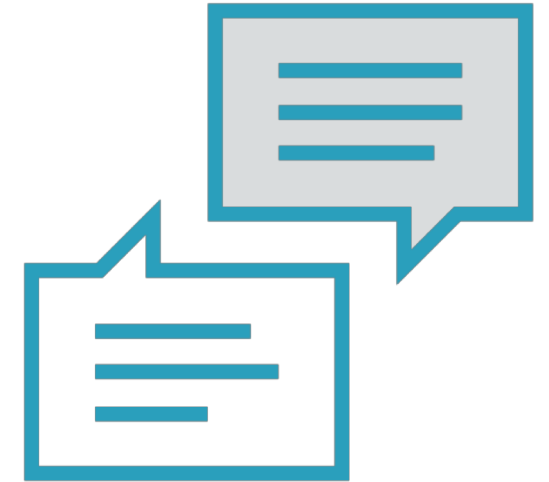
Speech to Text



Text to Speech



Speaker
Recognition

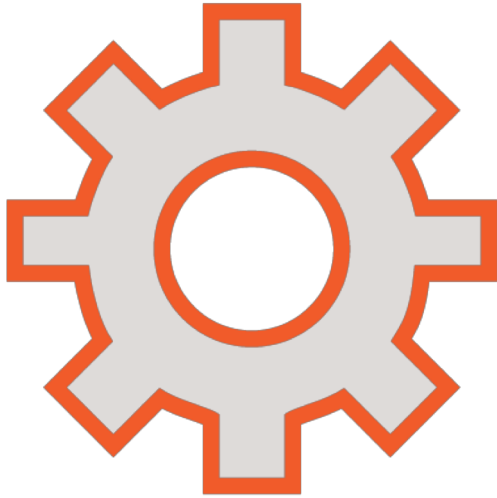


Speech
Translation

Cognitive Services: Text to Speech



Standard and Neural



Standard



Neural

Speak Human, Not Robot



75 voices in over 45 languages or locales



Male and female voices



Adjust parameters such as speed, pitch, volume, pronunciation, and additional pauses



Create custom voice models



Pricing Tiers

Free

Standard



Review



What Is Cognitive Services?

What Is Cognitive Services - Speech?

Why Text to Speech?

