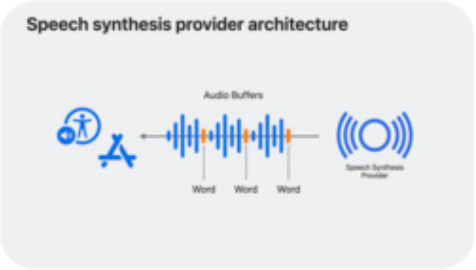
Speech

A person may have a speech disability or prefer to connect without using their voice.

Overview

People who are unable to speak, have a speech disability, or prefer to communicate through text can use Apple's speech accessibility features to communicate through their Apple devices. Design and develop your app to support speech accessibility features and provide a great experience for people who rely on these features.

Related videos



Extend Speech Synthesis with personal and custom voices

Create a seamless speech experience in your apps

Topics

Supporting speech accessibility features

Speech synthesis

Configure voices to speak strings of text.

`class` `AVSpeechSynthesizer`

An object that produces synthesized speech from text utterances and enables monitoring or controlling of ongoing speech.

{} WWDC21 Challenge: Speech Synthesizer Simulator

Simulate a conversation using speech synthesis.

See Also

Domains

Vision

A person may be blind or color blind, or have a vision challenge that makes focusing difficult.

Mobility

A person with reduced mobility may have difficulty holding a device or tapping the interface.

Cognitive

A person may have difficulty remembering a sequence of steps, or they may find an overly complex user interface difficult to process and manage.

Hearing

A person may be deaf, have partial hearing loss, or have difficulty hearing sounds within a certain range.