

RemoteSpeechCmd

RemoteSpeechCmd **speak** *character-id utterance-id voice-id file-path-name xml-message*

Description

Sent from [SmartBody](#) to [ttsRelay](#), requesting for a line of text for a character to be turned into an audio file. See [this page](#) for a more in-depth overview of TTS protocol.

Parameters

- *character-id*, ID of the virtual human (i.e. 'ChrBrad')
- *utterance-id*, usually just '1'
- *voice-id*, what voice to use
- *file-path-name*, where the TTS engine should save the audio file; this is usually a relative path to /data/cache and includes the full file name
- *xml-message*, the text to be turned into audio, in XML format (see below for examples)

Examples

```
RemoteSpeechCmd speak ChrBrad 1 Festival_voice_cmu_us_jmk_arctic_clunits ../../data/cache/audio
/utt_20121109_153323_ChrBrad_1.aiff <?xml version="1.0" encoding="utf-16"?><speech id="sp1" ref="Anybody-1"
type="application/ssml+xml"><mark name="T0" />Hi
      <mark name="T1" /><mark name="T2" />there,
      <mark name="T3" /><mark name="T4" />how
      <mark name="T5" /><mark name="T6" />are
      <mark name="T7" /><mark name="T8" />you.
      <mark name="T9" /></speech>
```

Sending Components

- [SmartBody](#)

Receiving Components

- [ttsRelay](#)

Related messages

- [RemoteSpeechReply](#)