edge-tts 6.1.1

`pip install edge-tts`

✓ Latest version

Released: Jan 10, 2023

Microsoft Edge's TTS

Navigation

☰ Project description

↺ Release history

⬇ Download files

Project links

🏠 Homepage

🐛 Bug Tracker

Statistics

GitHub statistics:

⭐ Stars: 166

Project description

edge-tts

`edge-tts` is a Python module that allows you to use Microsoft Edge's online text-to-speech service from within your Python code or using the provided `edge-tts` or `edge-playback` command.

Installation

To install it, run the following command:

```
$ pip install edge-tts
```

If you only want to use the `edge-tts` and `edge-playback` commands, it would be better to use pipx:

```
$ pipx install edge-tts
```

Meta

License: GNU General
Public License v3
(GPLv3)

Author: rany ✉

Requires: Python
>=3.7

Maintainers

rany

Classifiers

License
- OSI Approved ::
  GNU General
  Public License v3
  (GPLv3)

Operating System
- OS Independent

**Programming
Language**
- Python :: 3

Usage

Basic usage

If you want to use the `edge-tts` command, you can simply run it
with the following command:

```
$ edge-tts --text "Hello, world!" --write-media hello.
```

If you wish to play it back immediately with subtitles, you could use
the `edge-playback` command:

```
$ edge-playback --text "Hello, world!"
```

Note the above requires the installation of the `mpv` command line
player.

All `edge-tts` commands work in `edge-playback` as well.

Changing the voice

If you want to change the language of the speech or more generally,
the voice.

You must first check the available voices with the `--list-voices`
option:

```
Locale: ar-EG

Name: Microsoft Server Speech Text to Speech Voice (ar
ShortName: ar-SA-ZariyahNeural
Gender: Female
Locale: ar-SA


...


$ edge-tts --voice ar-EG-SalmaNeural --text "كيف حالك؟"
```

Custom SSML

Support for custom SSML has been removed since 5.0.0 because
Microsoft has taken the initiative to prevent it from working. You
cannot use custom SSML anymore.

Changing rate and volume

It is possible to make minor changes to the generated speech.

```
$ edge-tts --rate=-50% --text "Hello, world!" --write-
$ edge-tts --volume=-50% --text "Hello, world!" --writ
```

In addition, it is required to use `--rate=-50%` instead of `--rate
-50%` (note the lack of an equal sign) otherwise the `-50%` would be
interpreted as just another argument.

NOTE: `--pitch` was removed in 6.0.3 as it no longer appears to have
any effect.

Note on the `edge-playback` command

`edge-playback` is just a wrapper around `edge-tts` that plays back
the generated speech. It takes the same arguments as the `edge-tts`
option.

Python module

It is possible to use the `edge-tts` module directly from Python. For a list of example applications:

- https://github.com/rany2/edge-tts/blob/master/examples/basic_generation.py
- https://github.com/rany2/edge-tts/blob/master/examples/dynamic_voice_selection.py
- https://github.com/rany2/edge-tts/blob/master/examples/basic_audio_streaming.py
- https://github.com/rany2/edge-tts/blob/master/examples/streaming_with_subtitles.py
- https://github.com/rany2/edge-tts/blob/master/src/edge_tts/util.py
- https://github.com/hasscc/hass-edge-tts/blob/main/custom_components/edge_tts/tts.py

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Uploading packages ⤢
User guide ⤢
Project name retention ⤢
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