
pytik

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The Ngo

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INTRODUCTION

pytik is a Python library for gathering metadata from a TikTok video

GETTING STARTED

2.1 Installation

pytik can be installed via PIP from [PyPI](#)

```
pip install pytik
```

2.1.1 pytik

pytik package

Submodules

pytik.extract module

`pytik.extract.description(json)`

Extract the description from a TikTok url.

Parameters `json` (*json*) – Parsed JSON of the TikTok video's HTML page.

Return type `str`

Returns TikTok description.

`pytik.extract.get_json(html)`

Use regex to parse a TikTok page's HTML code to get 'props' JSON data

Parameters `html` (*str*) – Full HTML code of a TikTok page

Return type `json`

Returns JSON object of 'props'

`pytik.extract.nickname(json)`

Extract the nickname of the user from a TikTok url.

Parameters `json` (*json*) – Parsed JSON of the TikTok video's HTML page.

Return type `str`

Returns TikTok user's nickname.

`pytik.extract.song(json)`

Extract the song from a TikTok url.

Parameters `json` (*json*) – Parsed JSON of the TikTok video’s HTML page.

Return type `str`

Returns TikTok song.

`pytik.extract.song_author(json)`

Extract the song’s author from a TikTok url.

Parameters `json` (*json*) – Parsed JSON of the TikTok video’s HTML page.

Return type `str`

Returns TikTok song author.

`pytik.extract.user(json)`

Extract the user from a TikTok url.

Parameters `json` (*json*) – Parsed JSON of the TikTok video’s HTML page.

Return type `str`

Returns TikTok user.

`pytik.extract.video_id(url)`

Extract the `video_id` from a TikTok url. This function supports the following patterns: - `https://www.tiktok.com/@user/video/video_id`

Parameters `url` (*str*) – A TikTok url containing a video id.

Return type `str`

Returns TikTok video id.

pytik.request module

`pytik.request.get(url)`

Send an http GET request.

Parameters `url` (*str*) – The URL to perform the GET request for.

Return type `str`

Returns UTF-8 encoded string of response

pytik.tiktok module

`class pytik.tiktok.TikTok(url)`

Bases: `object`

The core developer interface for pytik. pytik offloads the heavy lifting to smaller peripheral modules and functions.

Parameters `url` (*str*) – The url of the TikTok video to gather data from

description () → `str`

Returns the video’s description

Return type `String`

nickname () → `str`

Returns the video creator’s nickname

Return type String

prefetch () → None

Eagerly download all necessary data.

Eagerly executes all necessary network requests so all other operations don't need to make calls outside of the interpreter which blocks for long periods of time.

Return type None

song () → str

Returns the video's song

Return type String

song_author () → str

Returns the video's song author

Return type String

user () → str

Returns the video's user

Return type String

Module contents

tests package

Submodules

tests.test_extract module

tests.test_extract.test_description_with_class()

tests.test_extract.test_nickname_with_class()

tests.test_extract.test_song_author_with_class()

tests.test_extract.test_song_with_class()

tests.test_extract.test_user_with_class()

Module contents

Note: The documentation for pytik is not yet complete and is currently being written.

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