

Package ‘scrobbler’

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Type Package

Title Download 'Scrobbles' from 'Last.fm'

Version 0.2.15

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Description 'Last.fm'<<https://www.last.fm>> is a music platform focussed on building a detailed profile of a users listening habits. It does this by 'scrobbling' (recording) every track you listen to on other platforms ('spotify', 'youtube', 'soundcloud' etc) and transferring them to your 'Last.fm' database. This allows 'Last.fm' to act as a complete record of your entire listening history. 'scrobbler' provides helper functions to download and analyse your listening history in R.

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.0.2

Suggests testthat, knitr, rmarkdown

URL <https://github.com/condwanaland/scrobbler>

BugReports <https://github.com/condwanaland/scrobbler/issues>

Imports httr, jsonlite

VignetteBuilder knitr

NeedsCompilation no

Repository CRAN

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check_py_script	<i>check_py_script</i>
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Description

Checks that the py script to scrape tracks exists in your working directory

Usage

```
check_py_script(py_version)
```

Arguments

py_version Which version of python you want to use. One of '2' or '3'.

Value

Character vector

Examples

```
check_py_script(2)
check_py_script("3")
```

download_scrabbles	<i>download_scrabbles</i>
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Description

download_scrabbles

Usage

```
download_scrabbles(username, api_key)
```

Arguments

username Your last.fm account username
 api_key Your last.fm account api key

Value

A dataframe of songs and associated metadata

Examples

```
## Not run:  
download_scrobbles(username = "your_username", api_key = "your_api_key")  
  
## End(Not run)
```

fetch_tracks	<i>fetch_tracks</i>
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Description

Runs a script in your working directory called 'lastexport.py'

Usage

```
fetch_tracks(username, out_file, start_page = NULL)
```

Arguments

username	Username of last.fm account to fetch scrobbles from
out_file	Name of output file to save tracks to (i.e., scrobbles.txt)
start_page	Page to start from. Defaults to 1

Value

.txt file of scrobbled tracks

Examples

```
## Not run:  
fetch_tracks("your_username", out_file = "scrobbles.txt", start_page = 1)  
  
## End(Not run)
```

find_py_script *find_py_script*

Description

Returns the file path to a py script

Usage

```
find_py_script(version)
```

Arguments

version One of '2' or '3'. Specifies which version of python you will be running

Value

File path

Examples

```
find_py_script(version = "3")
```

install_scrobble_script
 install_export_script

Description

Copies the script used to scrape scrobbles into your working directory. Necessary in order to run 'fetch_tracks'

Usage

```
install_scrobble_script(version)
```

Arguments

version Which version of python to run. One of '2' or '3'.

Value

Invisibly returns TRUE or FALSE, indicating whether the file copy was successful.

`py_path`

py_path

Description

Returns the path to your python installation

Usage

`py_path()`

Value

Character vector

Examples

`py_path()`

`py_version`

py_version

Description

Returns the version of python you are using

Usage

`py_version()`

Value

Character vector

Examples

`py_version()`

update_scrobbles	<i>update_scrobbles</i>
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Description

Companion function to ‘download_scrobbles’. Only downloads the scrobbles that have been stored since you ran ‘download_scrobbles’.

Usage

```
update_scrobbles(data, timestamp_column, username, api_key)
```

Arguments

data	A dataframe outputted by ‘download_scrobbles’
timestamp_column	The ‘date_unix’ column in your dataframe
username	Last.fm API username
api_key	Last.fm API key

Value

A dataframe

Examples

```
## Not run:  
mydat <- download_scrobbles(username = "your_username", api_key = "your_api_key")  
update_dat <- update_scrobbles(mydat,  
  "date_unix",  
  username = "your_username",  
  api_key = "your_api_key")  
  
## End(Not run)
```

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