

Package ‘scrobbler’

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Type Package

Title Download 'Scrobbles' from 'Last.fm'

Version 1.0.1

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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 7.1.1

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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download_scrobbles *download_scrobbles*

Description

download_scrobbles

Usage

```
download_scrobbles(  
  username = get_lastfm_credentials("username"),  
  api_key = get_lastfm_credentials("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)
```

get_lastfm_credentials
 get_lastfm_credentials

Description

get_lastfm_credentials

Usage

```
get_lastfm_credentials(env)
```

Arguments

env	One of 'username' or 'key', to return the username or key environment variable respectively
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Value

Character string

Examples

```
## Not run:  
get_lastfm_credentials(env = 'username')  
get_lastfm_credentials(env = 'key')  
  
## End(Not run)
```

get_last_timestamp *get_last_timestamp*

Description

get_last_timestamp

Usage

```
get_last_timestamp(scrobbles_df, timestamp_column)
```

Arguments

scrobbles_df A dataframe output of 'download_scrobbles'
timestamp_column
 The column in 'scrobbles_df' that corresponds to the 'date_unix' column

Value

Numeric vector

Examples

```
## Not run:  
get_last_timestamp(mydata, 'date_unix')  
  
## End(Not run)
```

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 = get_lastfm_credentials("username"),  
  api_key = get_lastfm_credentials("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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