

# Package ‘scrobbler’

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**Type** Package

**Title** Download 'Scrobbles' from 'Last.fm'

**Version** 1.0.3

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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

**RoxygenNote** 7.1.2

**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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download\_scrobbles     *download\_scrobbles*

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**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)
```

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get\_lastfm\_credentials  
                          *get\_lastfm\_credentials*

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**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)
```

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*get\_last\_timestamp*      *get\_last\_timestamp*

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**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)
```

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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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