Package 'RGoogleFit'

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Type Package

Title R Interface to Google Fit API

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Description Provides interface to Google Fit REST API v1 (see <https://developers.google.com/fit/rest/v1/reference/>).

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LazyData TRUE

Depends R (>= 3.0), RCurl, jsonlite, bit64, httr

Imports utils

RoxygenNote 7.0.2

NeedsCompilation no

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R topics documented:

RGoogleFit-package   *R Interface To Google Fit API*

Description

Provides interface to Google Fit REST API v1 (see <https://developers.google.com/fit/rest/v1/reference/>).
Sources available at https://github.com/ms32035/RGoogleFit

GetFitDataset   *GetFitDataset*

Description

Retrieves a dataset for a given datasource and time range defined by startTime and endTime.
Refer to https://developers.google.com/fit/rest/v1/datasets for full documentation.

Usage

```
GetFitDataset(token, datasource, startTime, endTime)
```

Arguments

token	- OAuth 2.0 access token
datasource	- Data Stream ID
startTime	- Start time for dataset. Date datatype is required
endTime	- End time for dataset. Date datatype is required

GetFitDatasource   *GetFitDatasource*

Description

Returns a list with datasource attributes. Refer to https://developers.google.com/fit/rest/v1/data-types for full documentation.

Usage

```
GetFitDatasource(token, datasource)
```

Arguments

token	- OAuth 2.0 access token
datasource	- Data Stream ID

GetFitDatasources   *GetFitDatasources*

Description

GetFitDatasources returns a dataframe with user's datasources.

Usage

```
GetFitDatasources(token)
```

Arguments

token   - OAuth 2.0 access token

GetFitOauth2Object   *GetFitOauth2Object*

Description

Returns the whole Oauth2 object. Useful for debugging purposes.

Usage

```
GetFitOauth2Object()
```

GetFitOauth2Token   *GetFitOauth2Token*

Description

Retrieves or refreshes an OAuth2 token. Two options must be set:

- RGoogleFit.client_id
- RGoogleFit.client_secret

Usage

```
GetFitOauth2Token()
```

NanosToPOSIXct   *NanosToPOSIXct*

Description

Converts nanoseconds from epoch (as provided by Google Fit) to POSIXct

Usage

```
NanosToPOSIXct(nanos)
```

Arguments

nanos   - Nanoseconds from epoch

Examples

```
NanosToPOSIXct(1388534400000000000)
```

Index