

# Package ‘RGoogleFit’

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**Type** Package

**Title** R Interface to Google Fit API

**Version** 0.4.0

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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

**Repository** CRAN

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RGoogleFit-package      *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/>>).  
Sources available at <https://github.com/ms32035/RGoogleFit>

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GetFitDataset              *GetFitDataset*

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### 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

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GetFitDatasource              *GetFitDatasource*

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### 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

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GetFitDatasources      *GetFitDatasources*

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**Description**

GetFitDatasources returns a dataframe with user's datasources.

**Usage**

```
GetFitDatasources(token)
```

**Arguments**

token                    - OAuth 2.0 access token

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GetFitOauth2Object      *GetFitOauth2Object*

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**Description**

Returns the whole Oauth2 object. Useful for debugging purposes.

**Usage**

```
GetFitOauth2Object()
```

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GetFitOauth2Token      *GetFitOauth2Token*

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**Description**

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

- RGoogleFit.client\_id
- RGoogleFit.client\_secret

**Usage**

```
GetFitOauth2Token()
```

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NanosToPOSIXct

*NanosToPOSIXct*

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**Description**

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

**Usage**

NanosToPOSIXct(nanos)

**Arguments**

nanos           - Nanoseconds from epoch

**Examples**

NanosToPOSIXct(1388534400000000000)

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