

Package ‘runR’

December 29, 2017

Title Load,

Version 0.0.0.9000

Description This package does this and that vfb stuttgart lalala

Depends R (>= 3.4.1),
ggplot2,
rgdal,
sp

License MIT

Encoding UTF-8

URL <https://www.prognosophie.de>

BugReports <https://www.prognosophie.de/impressum>

LazyData true

Imports dplyr,
ggplot2,
hrbrthemes,
leaflet,
lubridate,
magrittr,
rgdal,
sp,
stringr,
tidyr

RoxygenNote 6.0.1

Collate 'create_manual.R'
'importFrom.R'
'data_import.R'
'weather_data.R'
'summarize_run.R'
'run_viz.R'

Suggests knitr,
rmarkdown

VignetteBuilder knitr

R topics documented:

import_run	2
run2map	3
run2profile	3
summarise_RUN	4
Index	5

import_run	<i>Import Run</i>
------------	-------------------

Description

Import Run (Standard: GPX) to Data Frame

Usage

```
import_run(file = "data/2017-11-06.gpx", layer = "track_points",
           type = "gpx", track_progress = FALSE)
```

Arguments

file	path and file name.
layer	Which layer you want to select. Use "track_points" for now.
type	Type of log-file: currently, only gpx is supported.
track_progress	T/F if data loading progress tracking is wished for

Value

A data frame data about XXXXXXXX.

Warning

Do not operate heavy machinery within 8 hours of using this function.

Examples

```
run <- import_run(file = 'data/2017-11-06.gpx', type = 'gpx')
head(run)
```

`run2map`*Run2Map*

Description

Visualize Run2Map

Usage

```
run2map(run_track = import_run(file = "data/2017-11-06.gpx", layer =  
  "tracks"))
```

Arguments

`run` a run data frame returned by `import_run`.

Value

A ggplot object.

Warning

Do not operate heavy machinery within 8 hours of using this function.

Examples

```
run <- import_run(file = 'data/2017-11-06.gpx', type = 'gpx')  
head(run)
```

`run2profile`*RunElevation*

Description

Visualize ...

Usage

```
run2profile(run = import_run(), smooth = 2, title = "runR-Elevationplot",  
  subtitle = "Untertitel", xlab = "Time", ylab = "Elevation (in meters)")
```

Arguments

`run` a run data frame returned by `import_run`.

Value

A ggplot object.

Warning

Do not operate heavy machinery within 8 hours of using this function.

Examples

```
run2profile(smooth = 0.5)
```

summarise_RUN	<i>Summarize_Run</i>
---------------	----------------------

Description

Get summary statistics for run

Usage

```
summarise_RUN(run = import_run())
```

Arguments

run a run data frame returned by import_run.

Value

A ggplot object.

Warning

Do not operate heavy machinery within 8 hours of using this function.

Examples

```
run2profile(smooth = 0.5)
```

Index

`import_run`, [2](#)

`run2map`, [3](#)

`run2profile`, [3](#)

`summarise_RUN`, [4](#)