

Package ‘geofabrik’

August 26, 2020

Type Package

Title Downloading Open Street Map Data

Version 0.1.0

Date 2020-08-09

Description Download 'OpenStreetMap' data from 'geofabrik' servers <<https://download.geofabrik.de/>>. This approach uses only the direct link downloads. Besides, this package does not import any external package.

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URL <https://ibarraespinosa.github.io/geofabrik/>

BugReports <https://github.com/ibarraespinosa/geofabrik/issues>

LazyData true

Encoding UTF-8

RoxygenNote 7.1.1

Depends R (>= 3.5.0)

NeedsCompilation no

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get_osm	<i>Download OSM data from geofabrik</i>
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Description

`get_osm` download osm data from geofabrik. Instead of other services, this function relies only on direct links. Just that.

Usage

```
get_osm(region, type = "shp", file = tempfile(), quiet = FALSE)
```

Arguments

region	Region of interest, see urlgeo
type	"pbf", "shp" or "osm"
file	a character string (or vector, see url) with the name where the downloaded file is saved.
quiet	If TRUE, suppress status messages (if any), and the progress bar.

Value

Download a file

Note

all regions were transformed with `iconv` to "ASCII//TRANSLIT"

Examples

```
head(urlgeo)
get_osm("Sao Tome and Principe")
get_osm("Sao Tome and Principe", "pbf")
get_osm("Sao Tome and Principe", "osm")
```

`urlgeo`*Data.frame with links for geofabrik*

Description

Data.frame with links for geofabrik

Usage

```
urlgeo
```

Format

A Spatial data.frame (sf) with 1796 rows and 1 variables:

Region Region

Subregion Subregion

x region to be used in get_osm

LINKPBF link

size size

LINKSHP link

LINKOSM link

URL_OSM_PBF URL

URL_SHP URL

URL_OSM_BZ2 URL

Source

<https://download.geofabrik.de/>

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