

Package ‘geoidep’

September 5, 2024

Type Package

Title Download Geographic Data on Various Topics Provided and Managed by the Spatial Data Infrastructure of Peru

Version 0.1.0

Description

Provides R users with easy access to official cartographic data from Peru across a range of topics, including society, transport, environment, agriculture, climate, and more.

It also includes data from regional government entities and technical-scientific institutions, all managed by Peru's Spatial Data Infrastructure.

For more information, please visit: <https://www.geoidep.gob.pe/catalogos-de-metadatos>.

License Apache License (>= 2)

URL <https://geografo.pe/geoidep/>

BugReports <https://github.com/ambarja/geoidep/issues>

Imports httr, sf, archive

RoxygenNote 7.3.2

Encoding UTF-8

Suggests knitr, rmarkdown, ggplot2, testthat (>= 3.0.0)

VignetteBuilder knitr

Config/testthat/edition 3

NeedsCompilation no

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Repository CRAN

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get_departaments	<i>Download the Departament limits of INEI</i>
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Description

This function allows you to download the latest version of the **geometry** and **ubigeos** corresponding to the **official political division** of the departament boundaries of Peru. For more information, you can visit the following page <https://ide.inei.gob.pe/>

Usage

```
get_departaments(dsn = NULL, show_progress = TRUE, quiet = TRUE)
```

Arguments

dsn	Character. Output filename. If missing, a temporary file is created.
show_progress	Logical. Suppress bar progress.
quiet	Logical. Suppress info message.

Value

A sf or tibble object.

Examples

```
library(geoidep)
dep <- get_departaments(show_progress = FALSE)
head(dep)
```

get_districts	<i>Download the districts limits of INEI</i>
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Description

This function allows you to download the latest version of the **geometry** and **ubigeos** corresponding to the **official political division** of the district boundaries of Peru. For more information, you can visit the following page <https://ide.inei.gob.pe/>

Usage

```
get_districts(dsn = NULL, show_progress = TRUE, quiet = TRUE)
```

Arguments

dsn	Character. Output filename with the *.gpkg format. If missing, a temporary file is created.
show_progress	Logical. Suppress bar progress.
quiet	Logical. Suppress info message.

Value

A sf object.

Examples

```
library(geoidep)
dist <- get_districts(show_progress = FALSE)
head(dist)
```

get_provinces	<i>Download the Province limits of INEI</i>
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Description

This function allows you to download the latest version of the **geometry** and **ubigeos** corresponding to the **official political division** of the province boundaries of Peru. For more information, you can visit the following page <https://ide.inei.gob.pe/>

Usage

```
get_provinces(dsn = NULL, show_progress = TRUE, quiet = TRUE)
```

Arguments

dsn	Character. Output filename. If missing, a temporary file is created.
show_progress	Logical. Suppress bar progress.
quiet	Logical. Suppress info message.

Value

A sf or tibble object.

Examples

```
library(geoidep)
prov <- get_provinces(show_progress = FALSE)
head(prov)
```

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