Package ‘SIPDIBGE’

February 1, 2024

Type  Package
Title  Collection of Household Survey Packages Conducted by IBGE
Version  0.2.1
Description Provides access to packages developed for downloading, reading and analyzing microdata from household surveys in Integrated System of Household Surveys - SIPD conducted by Brazilian Institute of Geography and Statistics - IBGE.
More information can be obtained from the official website <https://www.ibge.gov.br/>.
Depends  R (>= 3.2.0), COVIDIBGE (>= 0.1.0), PNADcIBGE (>= 0.6.0), PNDSIBGE (>= 0.1.0), PNSIBGE (>= 0.1.0)
Imports  cli, graphics, grDevices, png, purrr, rstudioapi, tibble, utils
Suggests  convey, dplyr, httr, magrittr, projmgr, RCurl, readr, readxl, srvyr, survey, timeDate
License  GPL-3
Encoding  UTF-8
RoxygenNote  7.1.2
NeedsCompilation  no
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Maintainer  Gabriel Assuncao <pacotesipd@ibge.gov.br>
BugReports  https://github.com/Gabriel-Assuncao/SIPDIBGE/issues
Repository  CRAN
Date/Publication  2024-02-01 15:50:03 UTC

R topics documented:
sipd_conflicts ......................................................... 2
sipd_deps ........................................................... 3
Description

This function describes conflicts between functions of the packages inside SIPDIBGE and another installed packages.

Usage

```r
sipd_conflicts(survey = NULL)
```

Arguments

- `survey` Name of the household survey for reference package information. If `NULL`, presents the information of all the packages inside this collection.

Value

A vector with conflicts of functions of the packages inside SIPDIBGE.

Note

For more information, visit the survey official website <https://www.ibge.gov.br/> and consult the other functions of this package, described below.

See Also

- `sipd_deps` for indicating dependencies of the packages inside SIPDIBGE.
- `sipd_logo` for showing logos of the packages inside SIPDIBGE.
- `sipd_packages` for indicating the packages inside SIPDIBGE.
- `sipd_sitrep` for indicating version information for the packages inside SIPDIBGE.
- `sipd_update` for indicating the existence of an update for the packages inside SIPDIBGE.

Examples

```r
sipd_conflicts()
# Presenting information about the COVIDIBGE package
sipd_conflicts(survey = "COVID")
# Presenting information about the PNADcIBGE package
sipd_conflicts(survey = "PNADC")
# Presenting information about the PNDSIBGE package
```


**sipd_deps**

Indicate dependencies of the packages inside SIPDIBGE

### Description

This function describes packages in dependencies list of the packages inside SIPDIBGE.

### Usage

```r
sipd_deps(survey = NULL)
```

### Arguments

- **survey**
  
  Name of the household survey for reference package information. If **NULL**, presents the information of all the packages inside this collection.

### Value

A vector with packages in dependencies list of the packages inside SIPDIBGE.

### Note

For more information, visit the survey official website <https://www.ibge.gov.br/> and consult the other functions of this package, described below.

### See Also

- **sipd_conflicts** for indicating conflicts of the packages inside SIPDIBGE.
- **sipd_logo** for showing logos of the packages inside SIPDIBGE.
- **sipd_packages** for indicating the packages inside SIPDIBGE.
- **sipd_sitrep** for indicating version information for the packages inside SIPDIBGE.
- **sipd_update** for indicating the existence of an update for the packages inside SIPDIBGE.

### Examples

```r
sipd_deps()
# Presenting information about the COVIDIBGE package
sipd_deps(survey="COVID")
# Presenting information about the PNADcIBGE package
sipd_deps(survey="PNADC")
# Presenting information about the PNDSIBGE package
sipd_deps(survey="PNDS")
```
# Presenting information about the PNSIBGE package
sipd_deps(survey="PNS")
# Presenting information about the POFIBGE package
sipd_deps(survey="POF")

## Description

This function shows the survey logos of the packages inside SIPDIBGE.

## Usage

```r
sipd_logo(survey = NULL)
```

## Arguments

- **survey**: Name of the household survey for reference package information. If `NULL`, shows the logos of all the packages inside this collection, including the SIPD logo.

## Value

An image with the logos required of the packages inside SIPDIBGE.

## Note

For more information, visit the survey official website <https://www.ibge.gov.br/> and consult the other functions of this package, described below.

## See Also

- `sipd_conflicts` for indicating conflicts of the packages inside SIPDIBGE.
- `sipd_deps` for indicating dependencies of the packages inside SIPDIBGE.
- `sipd_packages` for indicating the packages inside SIPDIBGE.
- `sipd_sitrep` for indicating version information for the packages inside SIPDIBGE.
- `sipd_update` for indicating the existence of an update for the packages inside SIPDIBGE.

## Examples

```r
sipd_logo()
# Presenting information about the COVIDIBGE package
sipd_logo(survey="COVID")
# Presenting information about the PNADcIBGE package
sipd_logo(survey="PNADC")
# Presenting information about the PNDSIBGE package
sipd_logo(survey="PNDS")
```
# Presenting information about the PNSIBGE package
sipd_logo(survey="PNS")

# Presenting information about the POFIBGE package
sipd_logo(survey="POF")

## sipd_packages

*Indicate names of the packages inside SIPDIBGE*

### Description
This function describes the packages inside SIPDIBGE.

### Usage

sipd_packages(survey = NULL)

### Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>survey</td>
<td>Name of the household survey for reference package information. If NULL, presents the information of all the packages inside this collection.</td>
</tr>
</tbody>
</table>

### Value
A vector with names of the packages inside SIPDIBGE.

### Note
For more information, visit the survey official website <https://www.ibge.gov.br/> and consult the other functions of this package, described below.

### See Also
- *sipd_conflicts* for indicating conflicts of the packages inside SIPDIBGE.
- *sipd_deps* for indicating dependencies of the packages inside SIPDIBGE.
- *sipd_logo* for showing logos of the packages inside SIPDIBGE.
- *sipd_sitrep* for indicating version information for the packages inside SIPDIBGE.
- *sipd_update* for indicating the existence of an update for the packages inside SIPDIBGE.

### Examples

```r
sipd_packages()
# Presenting information about the COVIDIBGE package
sipd_packages(survey="COVID")
# Presenting information about the PNADcIBGE package
sipd_packages(survey="PNADC")
# Presenting information about the PNDSIBGE package
sipd_packages(survey="PNDS")
# Presenting information about the PNSIBGE package
```
Description

This function describes version information of the packages inside SIPDIBGE.

Usage

\[
\text{sipd\_sitrep}(\text{survey} = \text{NULL})
\]

Arguments

- **survey**: Name of the household survey for reference package information. If NULL, presents the information of all the packages inside this collection.

Value

A vector with version information of the packages inside SIPDIBGE.

Note

For more information, visit the survey official website <https://www.ibge.gov.br/> and consult the other functions of this package, described below.

See Also

- `sipd_conflicts` for indicating conflicts of the packages inside SIPDIBGE.
- `sipd_deps` for indicating dependencies of the packages inside SIPDIBGE.
- `sipd_logo` for showing logos of the packages inside SIPDIBGE.
- `sipd_packages` for indicating the packages inside SIPDIBGE.
- `sipd_update` for indicating the existence of an update for the packages inside SIPDIBGE.

Examples

\[
\text{sipd\_sitrep()}
\]
# Presenting information about the COVIDIBGE package
\[
\text{sipd\_sitrep(survey="COVID")}
\]
# Presenting information about the PNADcIBGE package
\[
\text{sipd\_sitrep(survey="PNADC")}
\]
# Presenting information about the PNDsIBGE package
\[
\text{sipd\_sitrep(survey="PNDS")}
\]
# Presenting information about the PNSIBGE package
\[
\text{sipd\_sitrep(survey="PNS")}
\]
# Presenting information about the POFIBGE package
sipd_sitrep(survey="POF")

## Description

This function describes version updates of the packages inside SIPDIBGE.

## Usage

```r
sipd_update(survey = NULL)
```

## Arguments

- **survey**
  
  Name of the household survey for reference package information. If `NULL`, presents the information of all the packages inside this collection.

## Value

A vector with version updates of the packages inside SIPDIBGE.

## Note

For more information, visit the survey official website <https://www.ibge.gov.br/> and consult the other functions of this package, described below.

## See Also

- `sipd_conflicts` for indicating conflicts of the packages inside SIPDIBGE.
- `sipd_deps` for indicating dependencies of the packages inside SIPDIBGE.
- `sipd_logo` for showing logos of the packages inside SIPDIBGE.
- `sipd_packages` for indicating the packages inside SIPDIBGE.
- `sipd_sitrep` for indicating version information for the packages inside SIPDIBGE.

## Examples

```r
sipd_update()
# Presenting information about the COVIDIBGE package
sipd_update(survey="COVID")
# Presenting information about the PNADcIBGE package
sipd_update(survey="PNADC")
# Presenting information about the PNDSIBGE package
sipd_update(survey="PNDS")
# Presenting information about the PNSIBGE package
sipd_update(survey="PNS")
# Presenting information about the POFIBGE package
sipd_update(survey="POF")
```
Index

sipd_conflicts, 2, 3–7
sipd_deps, 2, 3, 4–7
sipd_logo, 2, 3, 4, 5–7
sipd_packages, 2–4, 5, 6, 7
sipd_sitrep, 2–5, 6, 7
sipd_update, 2–6, 7