

Package ‘SIPDIBGE’

November 30, 2021

Type Package

Title Collection of Household Survey Packages Conducted by IBGE

Version 0.1.6

Description Provides access to packages developed for downloading, reading and analyzing microdata from household surveys 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), PNSIBGE (>= 0.1.0), POFIBGE (>= 0.1.0)

Imports cli, graphics, grDevices, png, purrr, rstudioapi, tibble, utils

Suggests convey, dplyr, httr, lavaan.survey, magrittr, projmgr, RCurl, readr, readxl, srvyr, surf, survey, tidyverse, timeDate

License GPL-3

Encoding UTF-8

RoxygenNote 7.1.2

NeedsCompilation no

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BugReports <https://github.com/Gabriel-Assuncao/SIPDIBGE/issues>

Repository CRAN

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sipd_conflicts	<i>Indicate conflicts of the packages inside SIPDIBGE</i>
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Description

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

Usage

```
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.
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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

```
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 PNSIBGE package  
sipd_conflicts(survey="PNS")  
# Presenting information about the POFIBGE package  
sipd_conflicts(survey="POF")
```

`sipd_deps`*Indicate dependencies of the packages inside SIPDIBGE*

Description

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

Usage

```
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

```
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 PNSIBGE package  
sipd_deps(survey="PNS")  
# Presenting information about the POFIBGE package  
sipd_deps(survey="POF")
```

`sipd_logo`*Show logos of the packages inside SIPDIBGE*

Description

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

Usage

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

Arguments

<code>survey</code>	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.
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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

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

sipd_packages	<i>Indicate names of the packages inside SIPDIBGE</i>
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Description

This function describes the packages inside SIPDIBGE.

Usage

```
sipd_packages(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 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

```
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 PNSIBGE package  
sipd_packages(survey="PNS")  
# Presenting information about the POFIBGE package  
sipd_packages(survey="POF")
```

`sipd_sitrep`*Indicate version information of the packages inside SIPDIBGE*

Description

This function describes version information of the packages inside SIPDIBGE.

Usage

```
sipd_sitrep(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 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

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

sipd_update	<i>Indicate version updates of the packages inside SIPDIBGE</i>
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Description

This function describes version updates of the packages inside SIPDIBGE.

Usage

```
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

```
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 PNSIBGE package  
sipd_update(survey="PNS")  
# Presenting information about the POFIBGE package  
sipd_update(survey="POF")
```

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