Package 'SIPDIBGE'

January 20, 2025

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

Repository CRAN

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sipd_conflicts   *Indicate conflicts of the packages inside SIPDIBGE*

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.

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 PNDSIBGE package
sipd_conflicts(survey="PNDS")
```

```
# 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 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")
```

---

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

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

```
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

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

---

sipd_update *Indicate version updates of the packages inside SIPDIBGE*

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 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")
```

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