

Package ‘statnipokladna’

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Title Use Data from the Czech Public Finance Database

Version 0.7.0

Description Get programmatic access to data from the Czech public budgeting and accounting database, Státní pokladna
<<https://monitor.statnipokladna.cz/>>.

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URL <https://github.com/petrbouchal/statnipokladna>,
<https://petrbouchal.xyz/statnipokladna/>

BugReports <https://github.com/petrbouchal/statnipokladna/issues>

Depends R (>= 3.5.0)

Imports curl (>= 4.3),
dplyr (>= 1.0.0),
httr (>= 1.4.1),
jsonlite,
lifecycle,
lubridate (>= 1.7.4),
magrittr,
purrr (>= 0.3.2),
readr (>= 1.3.1),
rlang (>= 0.4.0),
stringi (>= 1.4.3),
stringr (>= 1.4.0),
tibble (>= 2.1.3),
tidyr (>= 1.0.0),
tidyselect (>= 1.1.0),
usethis (>= 1.5.1),
utils (>= 3.6.0),
xml2 (>= 1.2.2)

Suggests knitr (>= 1.30),
markdown (>= 1.1),
ragg (>= 0.4.0),
rmarkdown,
testthat (>= 2.1.0)

VignetteBuilder knitr

RdMacros lifecycle

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LazyData true

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R topics documented:

add_codelist	2
get_codelist	3
get_dataset	4
get_dataset_doc	4
get_table	5
sp_add_codelist	6
sp_codelists	7
sp_datasets	8
sp_get_codelist	8
sp_get_codelist_file	9
sp_get_codelist_url	10
sp_get_dataset	11
sp_get_dataset_doc	12
sp_get_dataset_url	13
sp_get_table	14
sp_get_table_file	17
sp_load_codelist	18
sp_load_table	19
sp_tables	20
Index	21

add_codelist	<i>Deprecated: Add codelist data to downloaded data</i>
--------------	---

Description

Deprecated, use `sp_add_codelist()` instead.

Deprecated

Usage

```
add_codelist(
  data,
  codelist = NULL,
  period_column = .data$vykaz_date,
  redownload = FALSE,
  dest_dir = NULL
)
```

Arguments

data	a data frame returned by <code>sp_get_table()</code> .
codelist	The codelist to add. Either a character vector of length one (see <code>sp_tables</code> for possible values), or a data frame returned by <code>sp_get_codelist()</code> .
period_column	Unquoted column name of column identifying the data period in data. Leave to default if you have not changed the data object returned by <code>sp_get_table()</code> .
redownload	Redownload even if file has already been downloaded? Defaults to FALSE.
dest_dir	character. Directory in which downloaded files will be stored. If left unset, will use the <code>statnipokladna.dest_dir</code> option if the option is set, and <code>tempdir()</code> otherwise. Will be created if it does not exist.

Value

A [tibble](#) of same length as `data`, with added columns from `codelist`. See Details.

See Also

Other Core workflow: [get_codelist\(\)](#), [sp_add_codelist\(\)](#), [sp_get_codelist\(\)](#), [sp_get_dataset\(\)](#), [sp_get_table\(\)](#)

get_codelist	<i>Deprecated: Get codelist</i>
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Description

Deprecated: use `sp_get_codelist()`

Deprecated**Usage**

```
get_codelist(codelist_id, n = NULL, dest_dir = NULL, redownload = FALSE)
```

Arguments

codelist_id	A codelist ID. See <code>id</code> column in <code>sp_codelists</code> for a list of available codelists.
n	Number of rows to return. Default (NULL) means all. Useful for quickly inspecting a codelist.
dest_dir	character. Directory in which downloaded files will be stored. If left unset, will use the <code>statnipokladna.dest_dir</code> option if the option is set, and <code>tempdir()</code> otherwise. Will be created if it does not exist.
redownload	Redownload even if file has already been downloaded? Defaults to FALSE.

Value

A [tibble](#)

See Also

Other Core workflow: [add_codelist\(\)](#), [sp_add_codelist\(\)](#), [sp_get_codelist\(\)](#), [sp_get_dataset\(\)](#), [sp_get_table\(\)](#)

get_dataset *Deprecated: Retrieve and read dataset from statnipokladna*

Description

Deprecated, use `sp_get_dataset()` instead.

Deprecated

Usage

```
get_dataset(dataset_id, year, month = 12, dest_dir = NULL, redownload = FALSE)
```

Arguments

dataset_id	A dataset ID. See id column in <code>sp_datasets</code> for a list of available datasets
year	year, numeric vector of length ≤ 1 (can take multiple values), 2015-2019 for some datasets, 2010-2020 for others. Defaults to 2018. (see Details for how to work with data across time periods.)
month	month, numeric vector of length ≤ 1 (can take multiple values). Must be between 1 and 12. Defaults to 12. (see Details for how to work with data across time periods.)
dest_dir	character. Directory in which downloaded files will be stored. If left unset, will use the <code>statnipokladna.dest_dir</code> option if the option is set, and <code>tempdir()</code> otherwise. Will be created if it does not exist.
redownload	Redownload even if file has already been downloaded? Defaults to FALSE.

Value

character (link) if `download = TRUE`, nothing otherwise.

See Also

Other Utilities: [sp_get_codelist_viewer\(\)](#), [sp_get_dataset_doc\(\)](#)

get_dataset_doc *Deprecated: Get dataset documentation*

Description

Deprecated, use `sp_get_dataset_doc()` instead.

Deprecated

Usage

```
get_dataset_doc(dataset_id, dest_dir = ".", download = TRUE)
```

Arguments

dataset_id	dataset ID. See sp_datasets.
dest_dir	character. Directory in which downloaded files will be stored. If left unset, will use the statnipokladna.dest_dir option if the option is set, and tempdir() otherwise. Will be created if it does not exist.
download	Whether to download (the default) or open link in browser.

Value

a [tibble](#)

get_table	<i>Deprecated: Get a statnipokladna table</i>
	<i>Deprecated, use sp_get_table() instead.</i>

Description**Deprecated****Usage**

```
get_table(
  table_id,
  year,
  month = 12,
  ico = NULL,
  redownload = FALSE,
  dest_dir = NULL
)
```

Arguments

table_id	A table ID. See id column in sp_tables for a list of available tables
year	year, numeric, 2015-2019 for some datasets, 2010-2020 for others. Can be a vector of length > 1 (see Details for how to work with data across time periods.).
month	month, numeric. Must be 3, 6, 9 or 12. Can be a vector of length > 1 (see details).
ico	ID(s) of org to return, character of length one or more. If unset, returns all orgs. ID not checked for correctness/existence. See http://monitor.statnipokladna.cz/datovy-katalog/prohlizec-ciselniku/ucjed to look up ID of any org in the dataset.
redownload	Redownload even if recent file present? Defaults to FALSE.
dest_dir	character. Directory in which downloaded files will be stored. If left unset, will use the statnipokladna.dest_dir option if the option is set, and tempdir() otherwise. Will be created if it does not exist.

Value

a [tibble](#)

sp_add_codelist *Add codelist data to downloaded data*

Description

Joins a provided codelist, or downloads and processes one if necessary, and adds it to the data.

Usage

```
sp_add_codelist(
  data,
  codelist = NULL,
  period_column = .data$vykaz_date,
  by = NULL,
  redownload = FALSE,
  dest_dir = NULL
)
```

Arguments

data	a data frame returned by <code>sp_get_table()</code> .
codelist	The codelist to add. Either a character vector of length one (see <code>sp_tables</code> for possible values), or a data frame returned by <code>sp_get_codelist()</code> .
period_column	Unquoted column name of column identifying the data period in data. Leave to default if you have not changed the data object returned by <code>sp_get_table()</code> .
by	character. Columns by which to join the codelist. Same form as for <code>dplyr::left_join()</code> .
redownload	Redownload even if file has already been downloaded? Defaults to FALSE.
dest_dir	character. Directory in which downloaded files will be stored. If left unset, will use the <code>statnipokladna.dest_dir</code> option if the option is set, and <code>tempdir()</code> otherwise. Will be created if it does not exist.

Details

The data argument should be a data frame produced by `sp_get_table()`. If this is true, the `period_column` argument is not needed. The `codelist` argument, if a data frame, should be a data frame produced by `sp_get_codelist()`. Specifically, it assumes it contains the following columns:

- `start_date`, a date
- `end_date`, a date
- column with the code, character usually named the same as the codelist

#' You can usually tell which codelist you need from the name of the column whose code you are looking to expand, e.g. the codes in column `paragraf` can be expanded by codelist `paragraf`.

The function filters the codelist to obtain a set of entries relevant to the time period of data. If data contains tables for multiple periods, this is handled appropriately. Codelist-originating columns in the resulting data frame are renamed so they do not interfere with joining additional codelists, perhaps in a single pipe call.

Note that some codelists are "secondary" and can only be joined onto other codelists. If a codelist does not join using `sp_add_codelis()`, store the output of `sp_get_codelist()` and join it manually using `dplyr`.

Value

A [tibble](#) of same length as data, with added columns from `codelist`. See [Details](#).

See Also

Other Core workflow: [add_codelist\(\)](#), [get_codelist\(\)](#), [sp_get_codelist\(\)](#), [sp_get_dataset\(\)](#), [sp_get_table\(\)](#)

Examples

```
## Not run:
sp_get_table("budget-central", 2017) %>%
  sp_add_codelist("polozka") %>%
  sp_add_codelist("paragraf")

pol <- sp_get_codelist("paragraf")
par <- sp_get_codelist("polozka")

sp_get_table("budget-central", 2017) %>%
  sp_add_codelist(pol) %>%
  sp_add_codelist(par)

## End(Not run)
```

sp_codelists

List of available codelists

Description

Contains IDs and names of all (most) available codelists that can be retrieved by `sp_get_codelist`.

Usage

```
sp_codelists
```

Format

A data frame with 27 rows and 2 variables:

`id` character. ID, used as `codelist_id` argument in `sp_get_codelist`.

`name` character. Short name, mostly corresponds to title used on statnipokladna.cz.

Details

The `id` is to be used as the `codelist_id` parameter in `sp_get_codelist`. See <https://monitor.statnipokladna.cz/datovy-katalog/ciselniky> for a more detailed descriptions and a GUI for exploring the lists.

See Also

Other Lists of available entities: [sp_datasets](#), [sp_tables](#)

sp_datasets	<i>List of available datasets</i>
-------------	-----------------------------------

Description

Contains IDs and names of all available datasets that can be retrieved by `get_dataset`.

Usage

```
sp_datasets
```

Format

A data frame with 9 rows and 3 variables:

`id` character. Dataset ID, used as `dataset_id` argument to `sp_get_dataset`.

`name` character. Dataset name, mostly corresponds to title on the `statnipokladna` GUI.

Details

See <https://monitor.statnipokladna.cz/datovy-katalog/transakcni-data> for a more detailed descriptions of the datasets.

See Also

Other Lists of available entities: [sp_codelists](#), [sp_tables](#)

sp_get_codelist	<i>Get codelist</i>
-----------------	---------------------

Description

Downloads and processes codelist identified by `codelist_id`. See `sp_codelists` for a list of available codelists with their IDs and names.

Usage

```
sp_get_codelist(codelist_id, n = NULL, dest_dir = NULL, redownload = FALSE)
```

Arguments

<code>codelist_id</code>	A codelist ID. See <code>id</code> column in <code>sp_codelists</code> for a list of available codelists.
<code>n</code>	Number of rows to return. Default (NULL) means all. Useful for quickly inspecting a codelist.
<code>dest_dir</code>	character. Directory in which downloaded files will be stored. If left unset, will use the <code>statnipokladna.dest_dir</code> option if the option is set, and <code>tempdir()</code> otherwise. Will be created if it does not exist.
<code>redownload</code>	Redownload even if file has already been downloaded? Defaults to FALSE.

Details

You can usually tell which codelist you need from the name of the column whose code you are looking to expand, e.g. the codes in column `paragraf` can be expanded by codelist `paragraf`.

The processing ensures that the resulting codelist can be correctly joined to the data, automatically using `sp_add_codelist()` or manually. The entire codelist is downloaded and not filtered for any particular date.

Codelist XML files are stored in a temporary directory as determined by `tempdir()` and persist per session to avoid redownloads.

Value

a `tibble`

See Also

Other Core workflow: `add_codelist()`, `get_codelist()`, `sp_add_codelist()`, `sp_get_dataset()`, `sp_get_table()`

Examples

```
## Not run:  
sp_get_codelist("paragraf")  
  
## End(Not run)
```

`sp_get_codelist_file` *Download a codelist XML file*

Description

This is normally called inside `sp_get_codelist()` but can be used separately if finer-grained control of intermediate outputs is needed, e.g. in a `targets` workflow.

Usage

```
sp_get_codelist_file(  
  codelist_id = NULL,  
  url = NULL,  
  dest_dir = NULL,  
  redownload = FALSE  
)
```

Arguments

<code>codelist_id</code>	A codelist ID. See <code>id</code> column in <code>sp_codelists</code> for a list of available codelists.
<code>url</code>	DESCRIPTION. Either this or <code>codelist_id</code> must be set. If both are set, <code>url</code> wins.
<code>dest_dir</code>	character. Directory in which downloaded files will be stored. If left unset, will use the <code>statnipokladna.dest_dir</code> option if the option is set, and <code>tempdir()</code> otherwise. Will be created if it does not exist.
<code>redownload</code>	Redownload even if file has already been downloaded? Defaults to <code>FALSE</code> .

Value

path to XML file; character vector of length one.

See Also

Other Detailed workflow: [sp_get_dataset_url\(\)](#), [sp_get_table_file\(\)](#), [sp_load_codelist\(\)](#), [sp_load_table\(\)](#)

Examples

```
## Not run:
sp_get_codelist_file("druhuju")
codelist_url <- sp_get_codelist_url("druhuju")
sp_get_codelist_file(url = codelist_url)

## End(Not run)
```

sp_get_codelist_url *Get URL of a given codelist*

Description

This is normally called inside `sp_get_codelist()` but can be used separately if finer-grained control of intermediate outputs is needed, e.g. in a targets workflow.

Usage

```
sp_get_codelist_url(codelist_id, check_if_exists = TRUE)
```

Arguments

codelist_id	DESCRIPTION.
check_if_exists	Whether to check that the URL works (HTTP 200).

Value

character vector of length one containing URL

Examples

```
## Not run:
sp_get_codelist_url("ucjed", FALSE)
if(FALSE) sp_get_codelist_url("ucjed_wrong", TRUE) # fails, invalid codelist

## End(Not run)
```

sp_get_dataset	<i>Retrieve dataset from statnipokladna</i>
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Description

Downloads ZIP archives for a given dataset. If year or month have length > 1, gets all combinations.

Usage

```
sp_get_dataset(
  dataset_id,
  year,
  month = 12,
  dest_dir = NULL,
  redownload = FALSE
)
```

Arguments

dataset_id	A dataset ID. See id column in sp_datasets for a list of available datasets
year	year, numeric vector of length <= 1 (can take multiple values), 2015-2019 for some datasets, 2010-2020 for others. Defaults to 2018. (see Details for how to work with data across time periods.)
month	month, numeric vector of length <= 1 (can take multiple values). Must be between 1 and 12. Defaults to 12. (see Details for how to work with data across time periods.)
dest_dir	character. Directory in which downloaded files will be stored. If left unset, will use the statnipokladna.dest_dir option if the option is set, and tempdir() otherwise. Will be created if it does not exist.
redownload	Redownload even if file has already been downloaded? Defaults to FALSE.

Details

Files are stored in a temp folder as determined by tempdir() or the dest_dir param or the statnipokladna.dest_dir option. and further sorted into subdirectories by dataset, year and month. If saved to tempdir() (the default), downloaded files per session to avoid redownloads.

How data for different time periods is exported differs by dataset. This has significant implications for how you get to usable full-year numbers or time series in different tables. See vignette("statnipokladna") for details on this.

Value

character string with complete paths to downloaded ZIP archives.

See Also

Other Core workflow: [add_codelist\(\)](#), [get_codelist\(\)](#), [sp_add_codelist\(\)](#), [sp_get_codelist\(\)](#), [sp_get_table\(\)](#)

Examples

```
## Not run:
budget_2018 <- sp_get_dataset("finm", 2018)
budget_mid2018 <- sp_get_dataset("finm", 2018, 6)

## End(Not run)
```

sp_get_dataset_doc *Get dataset documentation*

Description

Downloads XLS file with dataset documentation, or opens link to this file in browser.

Usage

```
sp_get_dataset_doc(dataset_id, dest_dir = NULL, download = TRUE)
```

Arguments

dataset_id	dataset ID. See <code>sp_datasets</code> .
dest_dir	character. Directory in which downloaded files will be stored. If left unset, will use the <code>statnipokladna.dest_dir</code> option if the option is set, and <code>tempdir()</code> otherwise. Will be created if it does not exist.
download	Whether to download (the default) or open link in browser.

Value

(invisible) path to file if `download = TRUE`, URL otherwise

See Also

Other Utilities: [get_dataset\(\)](#), [sp_get_codelist_viewer\(\)](#)

Examples

```
## Not run:
sp_get_dataset_doc("finm")

## End(Not run)
```

sp_get_dataset_url *Get URL of dataset*

Description

Useful for workflows where you want to keep track of URLs and intermediate files, rather than having all steps performed by one function.

Usage

```
sp_get_dataset_url(dataset_id, year, month = 12, check_if_exists = TRUE)
```

Arguments

dataset_id	Dataset ID. See id column in sp_datasets for a list of available codelists.
year	year, numeric vector of length <= 1 (can take multiple values), 2015-2019 for some datasets, 2010-2020 for others. (see Details for how to work with data across time periods.)
month	month, numeric vector of length <= 1 (can take multiple values). Must be between 1 and 12. Defaults to 12. (see Details for how to work with data across time periods.)
check_if_exists	Whether to check that the URL works (HTTP 200).

Value

a character vector of length one, containing a URL

See Also

Other Detailed workflow: [sp_get_codelist_file\(\)](#), [sp_get_table_file\(\)](#), [sp_load_codelist\(\)](#), [sp_load_table\(\)](#)

Examples

```
## Not run:
sp_get_dataset_url("finm", 2018, 6, FALSE)
sp_get_dataset_url("finm", 2029, 6, FALSE) # works but returns invalid URL
if(FALSE) sp_get_dataset_url("finm_wrong", 2018, 6, TRUE) # fails, invalid dataset ID
if(FALSE) sp_get_dataset_url("finm", 2022, 6, TRUE) # fails, invalid time period

## End(Not run)
```

sp_get_table	<i>Get a statnipokladna table</i>
--------------	-----------------------------------

Description

Cleans and loads a table. If needed, a dataset containing the table is downloaded.

Usage

```
sp_get_table(
  table_id,
  year,
  month = 12,
  ico = NULL,
  redownload = FALSE,
  dest_dir = NULL
)
```

Arguments

table_id	A table ID. See id column in sp_tables for a list of available tables
year	year, numeric, 2015-2019 for some datasets, 2010-2020 for others. Can be a vector of length > 1 (see Details for how to work with data across time periods.).
month	month, numeric. Must be 3, 6, 9 or 12. Can be a vector of length > 1 (see details).
ico	ID(s) of org to return, character of length one or more. If unset, returns all orgs. ID not checked for correctness/existence. See http://monitor.statnipokladna.cz/datovy-katalog/prohlizec-ciselniku/ucjed to look up ID of any org in the dataset.
redownload	Redownload even if recent file present? Defaults to FALSE.
dest_dir	character. Directory in which downloaded files will be stored. If left unset, will use the statnipokladna.dest_dir option if the option is set, and tempdir() otherwise. Will be created if it does not exist.

Details

The data is loaded from files downloaded automatically by sp_get_dataset(); files persist in a temporary directory per session.

How data for different time periods is exported differs by dataset. This has significant implications for how you get to usable full-year numbers or time series in different tables. See vignette("statnipokladna") for details on this.

Data is processed in the following way:

- all columns are given names that are human-readable and facilitate adding codelists
- ICO (org. IDs) are normalised as in some datasets they are padded with leading zeros
- a vykaz_date, vykaz_year and vykaz_month columns are created to identify the time period
- value columns are transformed into numeric
- other columns are left as character to avoid losing information

**Correspondence between input and output columns:
Shared/multiple tables**

Original	Output	English	Czech	Note
ZC_VTAB	vtab	table number	tabulka	-
ZC_UCJED	ucjed	accounting unit	účetní jednotka	NB: ucjed != ico; the two codes are different;
ZC_VYKAZ	vykaz	report number	výkaz	-
ZFUNDS_CT	finmisto	accounting centre	finanční místo	either kapitola or "organizační složka státu" (c
ZC_ICO	ico	org ID	IČO	see ucjed
ZC_FUND	zdroj	funding source	zdroj	-
ZC_KRAJ	kraj	region	kraj	-
ZC_NUTS	nuts	NUTS code	NUTS kód	-
ZC_LAU	okres	NUTS code of LAU1 unit	LAU1 kód	-

Tables budget-*

Original	Output	English	Czech
ZCMMT_ITM	polozka	item/line	položka (druhové členění)
0FM_AREA	kapitola	chapter	kapitola
0CI_TYPE	polozka_type	item/line type	typ položky
FUNC0AREA	paragraf	sector line	paragraf (odvětvové členění)
ZC_PVS	pvs	programme code	programové výdaje státu
ZC_EDS	eds	subsidy and proprty evidence	Evidenční dotační systém / správa majet
ZC_UCRIS	ucris	purpose	Účel
0FUNC_AREA	paragraf	sector line	paragraf (odvětvové členění)
ZU_ROZSCH	budget_adopted	budget as originally adopted	schválený rozpočet
ZU_ROZPZM	budget_amended	budget as amended throughout the year	rozpočet po změnách
ZU_KROZP	budget_final	final budget	konečný rozpočet
ZU_OBLIG	budget_oblig	?	obligo
ZU_ROZKZ	budget_spending	actual spending	skutečnost

Table budget-indicators

| Original | Output | English | Czech | Note | | ZC_PSUKE | psuk | budgetary indicator | Závazný a průřezový indikátor | Use psuk codelist |

Table budget-central-old-subsidies

| Original | Output | English | Czech | Note | | ZC_ZREUZ | ucelznak | Purpose identifier | Účelový znak | - |

Table budget-central-old-purpose-grants

| Original | Output | English | Czech | Note | | 0PU_MEASURE | rozprog | Budgetary programme | Rozpočtový program | - |

Tables balance-sheet*

Original	Output	English	Czech	Note
ZC_POLVYK	polvyk	item/line	položka výkazu	-
ZC_SYNUC	synuc	synthetic account	syntetický účet	-
ZU_MONET	previous_net	net, previous period	netto minulé období	-
ZU_AOBTTO	current_gross	gross, current period	brutto běžné období	-
ZU_AONET	current_net	net, current period	netto běžné období	-
ZU_AOKORR	current_correction	correction, current period	korekce běžné období	-

Tables profit-and-loss-*

Original	Output	English	Czech	Note
ZU_HLCIN	previous_core	core activity, previous period	hlavní činnost, minulé období	-
ZU_HOSCIN	previous_economic	economic activity, previous period	hospodářská činnost, minulé období	-
ZU_HLCIBO	current_core	core activity, current period	hlavní činnost, běžné období	-
ZU_HCINBO	current_economic	economic activity, current period	hospodářská činnost, běžné období	-

Table changes-in-equity

Original	Output	English	Czech	Note
ZU_STAVP	before	previous period	stav minulé období	-
ZU_STAVPO	after	current period	stav běžné období	-
ZU_ZVYS	increase	increase	zvýšení stavu	-
ZU_SNIZ	decrease	decrease	snížení stavu	-

Table cash-flow

Original	Output	English	Czech	Note
ZU_BEZUO	current	current period	běžné účetní období	-

Value

a [tibble](#); see Details for key to the columns

See Also

Other Core workflow: [add_codelist\(\)](#), [get_codelist\(\)](#), [sp_add_codelist\(\)](#), [sp_get_codelist\(\)](#), [sp_get_dataset\(\)](#)

Examples

```
## Not run:
allorgs_2018 <- sp_get_table("budget-central", 2018)
allorgs_mid2018 <- sp_get_table("budget-central", 2018, 6)
oneorg_multiyear <- sp_get_table("budget-central", 2017:2018, 12, ico = "00064581")
oneorg_multihalfyears <- sp_get_table("budget-central", 2017:2018, c(6, 12), ico = "00064581")

## End(Not run)
```

sp_get_table_file *Get path to a CSV file containing a table.*

Description

This is normally called inside `sp_get_table()` but can be used separately if finer-grained control of intermediate outputs is needed, e.g. in a targets workflow.

Usage

```
sp_get_table_file(table_id, dataset_path, reunzip = FALSE)
```

Arguments

table_id	Table ID; see id column in sp_tables for a list of available codelists.
dataset_path	Path to downloaded dataset, as output by sp_get_dataset()
reunzip	Whether to overwrite existing CSV files by unzipping the archive downloaded by sp_get_dataset(). Defaults to FALSE.

Value

Character vector of length one - a path.

See Also

Other Detailed workflow: [sp_get_codelist_file\(\)](#), [sp_get_dataset_url\(\)](#), [sp_load_codelist\(\)](#), [sp_load_table\(\)](#)

Examples

```
## Not run:
ds <- sp_get_dataset("rozv", 2018, 12)
sp_get_table_file("balance-sheet", ds)

## End(Not run)
```

sp_load_codelist	<i>Load codelist into a tibble from XML file</i>
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Description

This is normally called inside sp_get_codelist() but can be used separately if finer-grained control of intermediate outputs is needed, e.g. in a targets workflow.

Usage

```
sp_load_codelist(path, n = NULL)
```

Arguments

path	Path to a file as returned by sp_get_codelist_file()
n	Number of rows to return. Default (NULL) means all. Useful for quickly inspecting a codelist.

Value

a [tibble](#)

See Also

Other Detailed workflow: [sp_get_codelist_file\(\)](#), [sp_get_dataset_url\(\)](#), [sp_get_table_file\(\)](#), [sp_load_table\(\)](#)

Examples

```
## Not run:  
cf <- sp_get_codelist_file("druhuj")  
sp_load_codelist(cf)  
  
## End(Not run)
```

sp_load_table	<i>Load a statnipokladna table from a CSV file</i>
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Description

This is normally called inside `sp_get_table()` but can be used separately if finer-grained control of intermediate outputs is needed, e.g. in a targets workflow.

Usage

```
sp_load_table(path, ico = NULL)
```

Arguments

path	path to a CSV file, as output by <code>sp_get_table_file()</code> .
ico	Organisation ID to filter by, if supplied.

Value

a [tibble](#). See help for `sp_get_table()` for a key to the columns.

See Also

Other Detailed workflow: [sp_get_codelist_file\(\)](#), [sp_get_dataset_url\(\)](#), [sp_get_table_file\(\)](#), [sp_load_codelist\(\)](#)

Examples

```
## Not run:  
ds <- sp_get_dataset("rozv", 2018, 12)  
tf <- sp_get_table_file("balance-sheet", ds)  
sp_load_table(tf)  
  
## End(Not run)
```

`sp_tables`*List of available tables (PARTIAL)*

Description

Contains IDs and names of all available tables that can be retrieved by `sp_get_table`. Look inside the XLS documentation for each dataset at <https://monitor.statnipokladna.cz/datovy-katalog/transakcni-data> to see more detailed descriptions. Note that tables do not correspond to the `tabulka/vtab` attribute of the tables, they represent files inside datasets.

Usage`sp_tables`**Format**

A data frame with 2 rows and 4 variables:

`id` character Table id, used as `table_id` argument to `sp_get_table`.

`dataset_id` integer Table number.

`czech_name` character Czech name of the table.

`note` character Note.

See Also

Other Lists of available entities: [sp_codelists](#), [sp_datasets](#)

Index

* Core workflow

- add_codelist, 2
- get_codelist, 3
- sp_add_codelist, 6
- sp_get_codelist, 8
- sp_get_dataset, 11
- sp_get_table, 14

* Detailed workflow

- sp_get_codelist_file, 9
- sp_get_dataset_url, 13
- sp_get_table_file, 17
- sp_load_codelist, 18
- sp_load_table, 19

* Lists of available entities

- sp_codelists, 7
- sp_datasets, 8
- sp_tables, 20

* Utilities

- get_dataset, 4
- sp_get_dataset_doc, 12

* datasets

- sp_codelists, 7
- sp_datasets, 8
- sp_tables, 20

add_codelist, 2, 3, 7, 9, 11, 17

get_codelist, 3, 3, 7, 9, 11, 17
get_dataset, 4, 12
get_dataset_doc, 4
get_table, 5

sp_add_codelist, 3, 6, 9, 11, 17
sp_codelists, 7, 8, 20
sp_datasets, 7, 8, 20
sp_get_codelist, 3, 7, 8, 11, 17
sp_get_codelist_file, 9, 13, 18, 19
sp_get_codelist_url, 10
sp_get_codelist_viewer, 4, 12
sp_get_dataset, 3, 7, 9, 11, 17
sp_get_dataset_doc, 4, 12
sp_get_dataset_url, 10, 13, 18, 19
sp_get_table, 3, 7, 9, 11, 14
sp_get_table_file, 10, 13, 17, 18, 19

sp_load_codelist, 10, 13, 18, 18, 19
sp_load_table, 10, 13, 18, 19
sp_tables, 7, 8, 20

tibble, 3, 5, 7, 9, 17–19