Package 'ntdr'

October 25, 2024

Type Package

Title Retrieve Data from the National Transit Database

Version 0.4.0

Description Downloads the latest 'National Transit Database' data,
processes it, and returns in a tidy data format.

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URL https://vgxhc.github.io/ntdr/, https://github.com/vgXhc/ntdr

BugReports https://github.com/vgXhc/ntdr/issues

Imports curl, dplyr, httr2 (>= 0.2.3), lubridate, purrr, rappdirs,
readxl, rlang, rvest, tidyr

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

VignetteBuilder knitr

Config/testthat/edition 3

Encoding UTF-8

Language en-US

RoxygenNote 7.3.2

NeedsCompilation no

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Repository CRAN

Date/Publication 2024-10-25 14:10:02 UTC

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get_ntd   *Get National Transit Database (NTD) data*

Description

[get_ntd()] downloads Excel file with the adjusted or raw monthly ridership files provided by the
National Transit Database and transforms the data into a long-format data frame with one or more
variable. Optionally cache the source spreadsheet or filter by agency or mode.

Usage

```
get_ntd(
  agency = "all",
  data_type = "adjusted",
  ntd_variable = "UPT",
  modes = "all",
  cache = getOption("ntdr.cache", FALSE)
)
```

Arguments

agency	Name of the transit agency to retrieve. Defaults to 'all' agencies
data_type	Type of NTD data. Either "raw" for data released without adjustments or "adjusted" for data with adjustments and estimates
ntd_variable	Which variable or variables to return. 'UPT' for unlinked passenger trips, 'VRM' for vehicle revenue miles, 'VRH' for vehicle revenue hours, or 'VOMS' for vehicles operated in maximum service.
modes	Transit mode or modes to retrieve. Common modes include 'MB' (bus), 'CR' (commuter rail), 'HR' (heavy rail), 'LR' (light rail). Defaults to 'all' modes.
cache	Cache downloaded data. Defaults to 'FALSE'. Set a default value with the "ntdr.cache" option.

Value

A data frame of monthly NTD data with the requested 'ntd_variable' in the 'value' column

Examples

```
get_ntd(agency = "City of Madison", modes = c("MB", "DR"))
```

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