

Package: ntdr (via r-universe)

October 26, 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

Author Harald Kliems [cre, aut, cph]

(<https://orcid.org/0000-0003-2542-0047>), Eli Pousson [ctb]

(<https://orcid.org/0000-0001-8280-1706>)

Maintainer Harald Kliems <kliems@gmail.com>

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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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