Package ‘tzdb’

October 27, 2021

Title  Time Zone Database Information
Version  0.2.0
Description  Provides an up-to-date copy of the Internet Assigned Numbers
Authority (IANA) Time Zone Database. It is updated periodically to
reflect changes made by political bodies to time zone boundaries, UTC
offsets, and daylight saving time rules. Additionally, this package
provides a C++ interface for working with the ‘date’ library. ‘date’
provides comprehensive support for working with dates and date-times,
which this package exposes to make it easier for other R packages to
utilize. Headers are provided for calendar specific calculations,
along with a limited interface for time zone manipulations.
License  MIT + file LICENSE
BugReports  https://github.com/r-lib/tzdb/issues
Depends  R (>= 3.3)
Suggests  covr, testthat (>= 3.0.0)
LinkingTo  cpp11 (>= 0.4.0)
Biarch  yes
Config/testthat/edition  3
Encoding  UTF-8
RoxygenNote  7.1.2
SystemRequirements  C++11
NeedsCompilation  yes
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Repository  CRAN
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**Description**

`tzdb_initialize()` is intended to be called from a client package’s `.onLoad()` as `tzdb::tzdb_initialize()` to ensure that the `tzdb` package has been loaded.

The function itself doesn’t do anything. It is instead called for the side-effect of loading the `tzdb` package. This does two things:

- The `tzdb` `.onLoad()` hook is run, which sets the path to the time zone database.
- The callables in `tzdb` are registered, which allows them to be called from other packages.

**Usage**

`tzdb_initialize()`

**Details**

There are alternative ways to ensure that `tzdb` is loaded. A client package can alternatively import a function from `tzdb` into its package with the `@importFrom` tag, or can call `requireNamespace("tzdb", quiet = TRUE)` from its `.onLoad()`.

**Value**

`NULL`, invisibly.

**Examples**

`tzdb_initialize()`
tzdb_names

**Time zone database names**

**Description**

tzdb_names() returns the time zone names found in the database.

**Usage**

tzdb_names()

**Value**

A character vector of zone names.

**Examples**

tzdb_names()

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tzdb_path

**Retrieve the path to the time zone database**

**Description**

Retrieve the path to the time zone database

**Usage**

tzdb_path(type)

**Arguments**

<table>
<thead>
<tr>
<th>type</th>
<th>[character(1)]</th>
</tr>
</thead>
<tbody>
<tr>
<td>The type of time zone database to return the path for.</td>
<td></td>
</tr>
<tr>
<td>Currently only &quot;text&quot; is supported.</td>
<td></td>
</tr>
</tbody>
</table>

**Value**

A single string containing the path to the database.

**Examples**

tzdb_path("text")
Description

tzdb_version() returns the version of the time zone database currently in use.

Usage

tzdb_version()

Value

A single string of the database version.

Examples

tzdb_version()
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