

Package: jprailway (via r-universe)

November 29, 2024

Title Dataset of Japanese Railway

Version 2024.08.31

Description Provides an extended dataset of Japanese railway revised from <https://github.com/Seo-4d696b75/station_database>. The original dataset is sourced from <<https://www.ekidata.jp/>>, the digital national land information download site, or other resources, and licensed under 'CC BY 4.0' <<https://creativecommons.org/licenses/by/4.0/>>.

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BugReports <https://github.com/paithiov909/jprailway/issues>

Depends R (>= 2.10), sf

Encoding UTF-8

LazyData true

LazyDataCompression bzip2

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Config/pak/sysreqs libgdal-dev gdal-bin libgeos-dev libssl-dev
libproj-dev libsqlite3-dev libudunits2-dev

Repository <https://paithiov909.r-universe.dev>

RemoteUrl <https://github.com/paithiov909/jprailway>

RemoteRef HEAD

RemoteSha 26b909c3e62155b526a1aad365d4b553be4f56cc

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lines	<i>List of railway lines</i>
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Description

A list of railway lines from 'extra/json.zip' in [Seo-4d696b75/station_database](#). The original data is [here](#).

Usage

lines

Format

A tibble with 13 variables:

code A value that uniquely distinguishes lines in the dataset. Unlike line IDs, it does not guarantee consistency between different versions of the dataset.

id A string that uniquely distinguishes lines in the dataset. Unlike line codes, it ensures consistency between different versions of datasets (the IDs of the same lines be always the same IDs even if in different datasets).

name Name of lines. A suffix may be added to prevent duplications.

name_kana Hiragana representation of line names.

name_formal The original names of lines.

station_size How many stations does the line have?

station_list A list of tibbles with 2 variables; code (station codes that the line is passing through) and name (their names).

company_code Company (company codes) that owns the line.

color Image color of the line.

symbol The symbol string of the line.

closed Whether the line was closed or not?

closed_date Date when the line was closed.

extra Whether or not the line is implemented in the 'Ekimemo!' game app?

polylines

Polylines of Japanese railway

Description

Polylines from 'extra/json.zip' in [Seo-4d696b75/station_database](#). The original data is [here](#).

Usage

polylines

Format

A simple feature collection with 9 fields:

code A value that uniquely distinguishes lines in the dataset. Unlike line IDs, it does not guarantee consistency between different versions of the dataset.

id A string that uniquely distinguishes lines in the dataset. Unlike line codes, it ensures consistency between different versions of datasets (the IDs of the same lines be always the same IDs even if in different datasets).

start Location where the polyline starts.

end Location where the polyline ends.

name Name of lines. A suffix may be added to prevent duplications.

north North edge of the polyline (latitude).

south South edge of the polyline (latitude).

east East edge of the polyline (longitude).

west West edge of the polyline (longitude).

stations

List of railway stations

Description

A list of railway stations from 'extra/json.zip' in [Seo-4d696b75/station_database](#). The original data is [here](#).

Usage

stations

Format

A simple feature collection with 17 fields:

code A value that uniquely distinguishes stations in the dataset. Unlike station IDs, it does not guarantee consistency between different versions of the dataset.

id A string that uniquely distinguishes stations in the dataset. Unlike station codes, it ensures consistency between different versions of datasets (the IDs of the same stations be always the same IDs even if in different datasets).

name Name of stations. A suffix may be added to prevent duplications.

original_name Station name as indicated by each company.

name_kana Hiragana representation of station names.

closed Whether the station was closed or not?

lat Station coordinates (latitude).

lng Station coordinates (longitude).

prefecture JIS code of the prefecture where the station is located.

postal_code Zip code of the station's location.

address Address of the station's location.

open_date Date when the station was opened.

closed_date Date when the station was closed.

extra Whether or not the station is implemented in the 'Ekimemo!' game app?

attr Station attribute in the 'Ekimemo!' game app.

lines List of line codes passing through the station.

delaulnay List of the neighboring points (station codes) obtained by Delaulnay partitioning.

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