

Package ‘Latamverse’

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Type Package

Title Latin American Data via 'RESTful' APIs and Curated Datasets

Version 0.1.0

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Description Brings together a comprehensive collection of R packages providing access to API functions and curated datasets from Argentina, Brazil, Chile, Colombia, and Peru. Includes real-time and historical data through public 'RESTful' APIs ('Nager.Date', World Bank API, REST Countries API, and country-specific APIs) and extensive curated collections of open datasets covering economics, demographics, public health, environmental data, political indicators, social metrics, and cultural information. Designed to provide researchers, analysts, educators, and data scientists with centralized access to Latin American data sources, facilitating reproducible research, comparative analysis, and teaching applications focused on these five major Latin American countries.

Included packages:

- 'ArgentinAPI': API functions and curated datasets for Argentina covering exchange rates, inflation, political figures, national holidays and more.
- 'BrazilDataAPI': API functions and curated datasets for Brazil covering postal codes, banks, economic indicators, holidays, company registrations and more.
- 'ChileDataAPI': API functions and curated datasets for Chile covering financial indicators ('UF', UTM, Dollar, Euro, Yen, Copper, Bitcoin, 'IPSA' index), holidays and more.
- 'ColombiAPI': API functions and curated datasets for Colombia covering geographic locations, cultural attractions, economic indicators, demographic data, national holidays and more.
- 'PeruAPIs': API functions and curated datasets for Peru covering economic indicators, demographics, national holidays, administrative divisions, electoral data, biodiversity and more.

For more information on the APIs, see:

'Nager.Date' <<https://date.nager.at/Api>>,
World Bank API <<https://datahelpdesk.worldbank.org/knowledgebase/articles/889392>>,
REST Countries API <<https://restcountries.com/>>,
'ArgentinaDatos' API <<https://argentinadatos.com/>>,
'BrasilAPI' <<https://brasilapi.com.br/>>,
'FINDIC' <<https://findic.cl/>>,
and API-Colombia <<https://api-colombia.com/>>.

License GPL-3

URL <https://github.com/lightbluetitan/latamverse>,
<https://lightbluetitan.github.io/latamverse/>

BugReports <https://github.com/lightbluetitan/latamverse/issues>

Encoding UTF-8

Language en

Depends R (>= 4.1.0), ArgentinAPI, BrazilDataAPI, ChileDataAPI,
ColombiAPI, PeruAPIs

Imports cli, utils

Suggests testthat (>= 3.0.0), knitr, rmarkdown

RoxygenNote 7.3.2

VignetteBuilder knitr

NeedsCompilation no

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Latamverse	<i>Latamverse: Latin American Data via RESTful APIs and Curated Datasets</i>
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Description

This package brings together a comprehensive collection of R packages providing access to APIs functions and curated datasets from Argentina, Brazil, Chile, Colombia, and Peru. It includes real-time and historical data through public RESTful APIs (Nager.Date, World Bank API, REST Countries API, and country-specific APIs) and extensive curated collections of open datasets covering economics, demographics, public health, environmental data, political indicators, social metrics, and cultural information.

This function creates an object containing information about the API packages included in the Latamverse metapackage and their respective versions.

Usage

```
Latamverse()
```

Details

Latamverse: Latin American Data via RESTful APIs and Curated Datasets
Latin American Data via RESTful APIs and Curated Datasets.

Value

An object of class "latamverse_info" containing package names and versions.

Author(s)

Maintainer: Renzo Caceres Rossi <arencocaceresrossi@gmail.com>

See Also

Useful links:

- <https://github.com/lightbluetitan/latamverse>

Examples

```
## Not run:  
# Display Latamverse package information  
Latamverse()  
  
# Store the information in an object  
info <- Latamverse()  
print(info)  
  
## End(Not run)
```

`print.latamverse_info` *Print method for latamverse_info objects*

Description

Print method for latamverse_info objects

Usage

```
## S3 method for class 'latamverse_info'  
print(x, ...)
```

Arguments

x	An object of class "latamverse_info"
...	Additional arguments (not used)

Value

Invisibly returns the input object

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