

Package ‘elexr’

October 13, 2022

Type Package

Title Load Associated Press Election Results with Elex

Version 1.0

Date 2016-02-02

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Description Provides R access to election results data. Wraps elex (<https://github.com/newsdev/elex/>), a Python package and command line tool for fetching and parsing Associated Press election results.

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Imports utils

SystemRequirements Python (>= 2.7 or >= 3.5) and elex package

RoxygenNote 5.0.1

NeedsCompilation no

Repository CRAN

Date/Publication 2016-02-04 15:11:37

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`elexr-package`*Load Associated Press Election Results with Elex*

Description

Provides R access to election results data. Wraps `elex` (<https://github.com/newsdev/elex/>), a Python package and command line tool for fetching and parsing Associated Press election results.

Details

A light R wrapper around the `elex` command

`elexr` provides an R interface for the `elex` package (<http://github.com/newsdev/elex/>) to load election results from the Associated Press Elections API.

Rather than reinventing the wheel, this package simply runs `elex` in a shell and loads the CSV output into a data frame. Because of this, you'll need Python and to install `elex` by following the instructions at <http://elex.readthedocs.org/en/latest/install.html>.

You'll also need an API key for the API Elections API. You'll need to set the `AP_API_KEY` environment variable in your R session to be able to retrieve results.

Examples

```
library(elexr)
# Set your actual AP Elections API Key here. The string below is an example
# only and won't work.
Sys.setenv(AP_API_KEY = "AZA0AZ0aZ0ZA0az0AZAZ0AzazAzaZaZAZ")
tryCatch({
  ia_results <- results("02-01-2016")
},
error = function(err) {
  print(err)
})
```

`results`*Fetch election results*

Description

Fetch election results

Usage

```
results(election_date)
```

Arguments

`election_date` Election date as a string in MM-DD-YYYY format.

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