Package 'elexr'

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Type Package

Title Load Associated Press Election Results with Elex

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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

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Contents

elexr-package 2
results 2

Index **3**

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 retreive 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.

Index

elexr *(*elexr-package*)*, 2
elexr-package, 2

results, 2