Package 'webtools'

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Type Package

Imports jsonlite, stringr, crayon, RCurl, readr, rstudioapi, pkgsearch, tibble, dplyr

Title Various Useful Web Tools (Including Full CRAN Dataset Search and Fetch)

Version 0.7.12

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Description A set of useful web tools to improve your productivity. Including: searching DuckDuckGo; finding and loading datasets across all CRAN packages (not just those you've installed); sharing a file to a paste-bin; getting a fast GUID; useful info on all countries; Random Seinfeld show quotes; Seinfeld guessing game.

Encoding UTF-8

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RoxygenNote 7.2.0

Depends R (>= 2.10)

NeedsCompilation no

Repository CRAN

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R topics documented:

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countries	*Get useful info on all countries*

Description

Get a dataframe of useful information on all countries such as FIFA codes, Dial codes, ISO codes, currency, official name, and a whole lot more. See https://datahub.io/core/country-codes

Usage

```
countries()
```

Value

A dataframe.

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ddg	*Duckduckgo Instant-search*

Description

Perform a DDG Instant search on a query term.

Usage

```
ddg(q, max_rel, get_result)
```

Arguments

q	The search string
max_rel	(optional) Max. number of related results (default 3), or the number of results returned, which ever is smaller
get_result	(optional) Return the first result (either the 'Instant Result" or, if none, the first related result)

Value

A "safe" search URL, or the first result if get_result=TRUE passed

Examples

```
ddg('ngrams')
ddg('ngrams', 2)
ddg('ngrams', get_result=TRUE)
```

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dfetch	*Fetch/load a dataset - see dsearch() and dinfo()*

Description

Get and load a dataset in a package. Use dsearch('query') to find packages with datasets, and dinfo('package') to get the package info and its datasets.

Usage

```
dfetch(pkg, ds)
```

Arguments

pkg	The package name
ds	The dataset name

Value

A vector of all the loaded dataset objects. Console output will list all found tables in the dataset (usually just the one). Note: some datasets will have package dependencies when loaded, please take heed of any such messages when viewing the loaded dataset object.

Examples

```
dfetch('TSrepr', 'elec_load.rda')
```

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dinfo	*Get dataset info on a package (all of CRAN) and fetch/load the dataset/s*

Description

Get dataset info on CRAN packages with datasets, installed locally or not. And fetch the datasets. Use dsearch('query') to find packages with datasets. Note: file types may vary, use the full file name of the dataset you require, as displayed. Package & dataset names are case-sensitive.

Usage

```
dinfo(pkg)
```

Arguments

pkg	The package name

Value

A tibble of datasets belonging to the package.

Examples

```
dinfo('TSrepr')
```

---

dsearch   *Search for a dataset in all CRAN packages*

Description

Search for, and fetch datasets in -all- CRAN packages, installed or not. Note: file types may vary, use the full file name of the dataset you require, as displayed. Package & dataset names are case-sensitive.

Usage

```
dsearch(query)
```

Arguments

query   The search string

Value

A tibble of packages (having datasets) matching the search query.

Examples

```
dsearch('Time series')
```

---

guid   *Get a unique GUID*

Description

Get a unique GUID. Simple. See: 'ddg('guid')'.

Usage

```
guid()
```

Value

A unique GUID.

Examples

```
guid()
```

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sharebin	*"Paste" a file for web sharing*

Description

"Paste" a TEXT based file to a "bin" on the web for sharing. ~~(DO NOT POST SENSITIVE DATA!)~~.

Usage

```
sharebin(file_name)
```

Arguments

file_name   (Optional) - 'sharebin()' will paste the file in the current active editor window. Otherwise 'sharebin('file.suff')', where 'file.suff' is a file name that must exist in the working dir (getwd()) and is TEXT based (.R, .Rmd, .csv, or any other code or text file) ~~(DO NOT POST SENSITIVE DATA!)~~

Value

A URL you can share.

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yada	*Get a random Seinfeld quote*

Description

Get a random Seinfeld quote. Simple.

Usage

```
yada()
```

Value

A str quote.

Examples

```
yada()
```

yadayada	*Get two random Seinfeld quotes in a row (guessing game)*

Description

Get a random Seinfeld quote, followed by the very next line. Designed to be played in a terminal/console, otherwise it just returns the consecutive quotes.

Usage

```
yadayada()
```

Value

A vector of the two quotes

Examples

```
yadayada()
```

Index