

# Package ‘webtools’

June 21, 2022

**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** 0.7.11

**Author** DAT Linux

**Maintainer** LS Malenica <datlinux@protonmail.com>

**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.

**Encoding** UTF-8

**License** CC0

**RoxygenNote** 7.1.2

**NeedsCompilation** no

**Repository** CRAN

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countries	<i>Get useful info on all countries</i>
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**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	<i>Duckduckgo Instant-search</i>
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**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	<i>Fetch/load a dataset - see dsearch() and dinfo()</i>
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**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	<i>Get dataset info on a package (all of CRAN) and fetch/load the dataset/s</i>
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**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
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**Value**

A tibble of datasets belonging to the package.

**Examples**

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

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dsearch

*Search for a dataset in all CRAN packages*

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**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')
```

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guid

*Get a unique GUID*

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**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
```

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**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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