

# Package: jemisc (via r-universe)

October 14, 2024

**Title** Personal Collection of Stuff and Things

**Version** 0.0.4

**Description** Just another personal R package. This package provides no greater value to the R community, it is merely a place for me to dump stuff that I ended up writing and found mildly useful.

**License** MIT + file LICENSE

**Imports** cli, dplyr, glue, janitor, purrr, rlang (>= 0.1.2), rvest, sessioninfo, stringr, tibble, utils, xml2

**Suggests** devtools, pak, readr, roxygen2, shiny, xfun

**ByteCompile** true

**Encoding** UTF-8

**LazyData** true

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.3

**URL** <https://github.com/jemus42/jemisc>,  
<https://jemus42.github.io/jemisc/>

**BugReports** <https://github.com/jemus42/jemisc/issues>

**Repository** <https://jemus42.r-universe.dev>

**RemoteUrl** <https://github.com/jemus42/jemisc>

**RemoteRef** HEAD

**RemoteSha** 907f623779dce1e17aee753987d2ecd646156980

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cite_loaded_pkgs	<i>Cite Used Packages</i>
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### Description

Cite Used Packages

### Usage

```
cite_loaded_pkgs()
```

### Value

A tbl

### Examples

```
cite_loaded_pkgs()
```

---

colors_pal	<i>Get a color palette from a colors.co URL</i>
------------	---

---

### Description

Get a color palette from a colors.co URL

### Usage

```
colors_pal(url)
```

### Arguments

url            The link to a colors.co palette, e.g. "https://colors.co/29adb2-182326-2a3a3f-69818c-8ea4b2"

**Value**

character(5) with RGB color codes, e.g. c("#29adb2", "#182326", "#2a3a3f", "#69818c", "#8ea4b2") for the example url.

**Note**

It's only the URL that's parsed, there's no need for an internet connection. The url does not need to be valid, since only hex strings of length 6 (i.e. color codes like F75AB1) are looked for, and a # is prepended.

**Examples**

```
colors_pal("https://colors.co/29adb2-182326-2a3a3f-69818c-8ea4b2")
```

---

make\_pkg\_bib

*Create a .bib for Your Installed Packages*

---

**Description**

Create a .bib for Your Installed Packages

**Usage**

```
make_pkg_bib(output = "~/Documents/BibTex/rstats.bib", fresh = TRUE)
```

**Arguments**

output	Location of the output .bib.
fresh	Whether to overwrite output.

**Value**

Nothing

**Examples**

```
## Not run:  
make_pkg_bib(output = "~/packages.bib")  
  
## End(Not run)
```

`mattex` *Print a matrix for LaTeX.*

---

**Description**

Print a matrix for LaTeX.

**Usage**

```
mattex(mat, type = "pmatrix", round = 3)
```

**Arguments**

<code>mat</code>	A <a href="#">matrix</a> .
<code>type</code>	[character(1): "pmatrix"]: Matrix environment to use, e.g. <code>bmatrix</code> for <code>[]</code> -enclosed (brackets) or <code>pmatrix</code> for <code>()</code> (parentheses).
<code>round</code>	[integer(1): 3]

**Value**

Nothing, output is cated.

**Examples**

```
mat <- matrix(1:9, ncol = 3)
mattex(mat)
```

---

`pkg_export` *Export installed packages for somewhat functional reinstallation*

---

**Description**

Export installed packages for somewhat functional reinstallation

**Usage**

```
pkg_export(old_lib = "~/Library/R/shared_bak/")
```

**Arguments**

<code>old_lib</code>	character: The location of your previous package library.
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**Examples**

```
## Not run:
pkg_export()

## End(Not run)
```

---

print.sr_d6	<i>Print diceroll</i>
-------------	-----------------------

---

**Description**

Print diceroll

**Usage**

```
## S3 method for class 'sr_d6'  
print(x, ...)
```

**Arguments**

x	Object of class sr_d6, like from <a href="#">sr_d6</a> .
...	Ignored

**Value**

Nothing

**Examples**

```
sr_d6(5)
```

---

render_tex_files	<i>Render a bunch of small .tex files</i>
------------------	---

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**Description**

Use case: A bunch of stuff done in LaTeXiT, resulting in some helper calculations or derivations contained in tex files. These are then rendered to PDF using `tex_fun`, per default `tinytex::xelatex`, and then optionally converted to png using the system `convert` tool via `imagemagick`.

**Usage**

```
render_tex_files(  
  path,  
  cleanup = TRUE,  
  tex_fun = tinytex::xelatex,  
  to_png = TRUE  
)
```

**Arguments**

path	Folder where .tex files are.
cleanup	TRUE: Whether to cleanup auxilliary files (e.g. .aux, .log, ...)
tex_fun	Which function to use, default ist <code>tinytex::xelatex</code> .
to_png	TRUE: Whether to use <code>convert</code> to convert PDF to png.

**Value**

Nothing

**Examples**

```
## Not run:  
render_tex_files("formulas")  
  
## End(Not run)
```

---

rs\_daily

*Get Current RStudio Daily Version*

---

**Description**

Get Current RStudio Daily Version

**Usage**

```
rs_daily()
```

**Value**

A character of length 1

**Examples**

```
rs_daily()
```

---

`rs_preview`*Get Current RStudio Preview Version*

---

**Description**

Get Current RStudio Preview Version

**Usage**

```
rs_preview()
```

**Value**

A character of length 1

**Examples**

```
rs_preview()
```

---

`rs_release`*Get Current RStudio Version*

---

**Description**

Get Current RStudio Version

**Usage**

```
rs_release()
```

**Value**

A character of length 1

**Examples**

```
rs_release()
```

---

rs_version	<i>Get Currently Installed RStudio Version</i>
------------	--

---

**Description**

Get Currently Installed RStudio Version

**Usage**

```
rs_version()
```

**Value**

A character of length 1

**Examples**

```
## Not run:  
rs_version()  
  
## End(Not run)
```

---

sr_d6	<i>Roll some d6 for Shadowrun</i>
-------	-----------------------------------

---

**Description**

Roll some d6 for Shadowrun

**Usage**

```
sr_d6(n)
```

**Arguments**

n	Number of d6 to roll
---	----------------------

**Value**

A list of additional class "sr\_d6".

**Examples**

```
sr_d6(10)
```



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tidyxtab	<i>Tabularize tidily</i>
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**Description**

Use [janitor::tabyl](#) and various `adorn_`-functions to create a tidy crosstab.

**Usage**

```
tidyxtab(data, x, y, row_name = deparse(x), col_name = deparse(y))
```

**Arguments**

<code>data</code>	A <code>data.frame</code> .
<code>x</code>	The row-variable
<code>y</code>	The column-variable
<code>row_name, col_name</code>	Passed to <a href="#">janitor::adorn_title</a> .

**Value**

A [janitor::tabyl](#)

**Examples**

```
tidyxtab(mtcars, carb, gear)
```

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