Package 'cfs.misc'

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Type Package

Title Cramer Fish Sciences Miscellaneous Convenience Functions

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Description Miscellaneous Convenience Functions

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Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Imports beepr

R topics documented:

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col2hex   *A function to convert quoted names of colors in R to their Hex values*

Description

A function to convert quoted names of colors in R to their Hex values

Usage

```
col2hex(color)
```

Arguments

color   The quoted name of the color whose hex code you want

Examples

```
col2hex("wheat")
```

---

len	*An abbreviated form of length(unique())*

Description

An abbreviated form of length(unique())

Usage

```
len(x)
```

Arguments

x   The object you want to find the number of unique things of

Examples

```
len(letters)
```

---

timer	*A simple timer function.*

Description

A simple timer function.

Usage

```
timer(interval, units)
```

Arguments

interval   The length of time you want

units   The unit of time you want to use, i.e. "secs", "mins", "hours"

Examples

```
timer(45, "mins")
```

---

vet	*Quickly "vet" a dataframe by previewing rows throughout the length of the dataframe*

Description

Quickly "vet" a dataframe by previewing rows throughout the length of the dataframe

Usage

```
vet(d, n = 4L)
```

Arguments

d	A data frame object
n	The number of rows you want to view from each section. The three sections that rows will be displayed from are the head of the dataframe, the middle (torso), and the tail. Default is 4 rows from each section.

Examples

```
vet(iris)
```

---

water_year	*Get water year from date-time object.*

Description

Get water year from date-time object.

Usage

```
water_year(x)
```

Arguments

x	A date-time object.

Examples

```
x = c("2016-12-31", "2017-01-01", "2017-09-30", "2017-10-01")
water_year(as.Date(x))
water_year(as.Date(x)) == format(as.Date(x), "%Y")
```

---

wy_week   *Get week in water year from a date-time object.*

Description

Returns the number of complete seven day periods that have occurred between the date and October 1st, plus one. Based on lubridate::week().

Usage

```
wy_week(x)
```

Arguments

x   A date-time object.

Examples

```
wy_week(as.Date(c("2016-10-01", "2017-01-01")))
```

---

wy_yday   *Get day of water year from date-time object.*

Description

Get day of water year from date-time object.

Usage

```
wy_yday(x)
```

Arguments

x   A date-time object.

Examples

```
wy_yday(as.Date(c("2016-01-01", "2016-10-01", "2017-01-01")))
wy_yday(as.Date(c("2016-03-01", "2017-03-01"))) # 2016 was a leap year
```

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