

Package: icons (via r-universe)

November 2, 2024

Type Package

Title SVG Icons for R Documents and Apps

Version 0.2.0

Description Easily embed SVG icons into R Markdown documents or shiny apps. A collection of popular icon sets are supported by the package, including Font Awesome, Academicons and Ionicons.

Depends R (>= 3.1.3)

Imports knitr, rlang, htmltools, glue, rappdirs, xml2, stringr, jsonlite, cli, crayon, utils, rstudioapi

Suggests rsvg, covr, gh

URL <https://pkg.mitchelloharawild.com/icons/>,
<https://github.com/mitchelloharawild/icons>

BugReports <https://github.com/mitchelloharawild/icons/issues>

VignetteBuilder knitr

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.2.3

Roxygen list(markdown = TRUE, roclets=c('rd', 'collate', 'namespace'))

Repository <https://cct-datascience.r-universe.dev>

RemoteUrl <https://github.com/mitchelloharawild/icons>

RemoteRef HEAD

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download_academicons *Academicons icons*

Description

Academicons is a specialist icon font for academics. It contains icons for websites and organisations related to academia that are often missing from mainstream font packages. It can be used by itself, but its primary purpose is to be used as a supplementary package alongside a larger icon set.

Usage

```
download_academicons(version = "dev")
```

```
academicons(name)
```

Arguments

version	Version of the library
name	Name of the icon

download_bioicons *Bioicons icons*

Description

Bioicons is a free library of open source icons for scientific illustrations using vector graphics software such as Inkscape or Adobe Illustrator.

Usage

```
download_bioicons()
```

```
bioicons(name, category = NULL)
```

Arguments

name	Name of the icon.
category	The icon's category, one of "Animals", "Blood_immunology", "Cell_lines", "Cell_membrane", "Chemistry", "Chemo-_and_Bioinformatics", "General_items", "Genetics", "Human_physiology", "Intracellular_components", "Lab_apparatus", "Machine_Learning", "Microbiology", "Nucleic_Acids", "Oncology", "Parasites", "Receptor_channels", "Safety_symbols", "Scientific_graphs", "Tissues", or "Viruses". If NULL, it will default to the first available icon with this name.

See Also

<https://bioicons.com/>

download_feather_icons

Feather Icons

Description

Feather Icons

Usage

```
download_feather_icons(version = "dev")
```

```
feather_icons(name)
```

Arguments

version	Version of the library
---------	------------------------

name	Name of the icon
------	------------------

download_fontawesome *Font Awesome icons*

Description

Font Awesome icons

Usage

```
download_fontawesome(version = "dev")
```

```
fontawesome(name, style = NULL)
```

Arguments

version	Version of the library
name	Name of the icon
style	Style of the icon. If NULL, a default style will be chosen for the specified icon.

download_google_material
Google's Material design icons

Description

Google's Material design icons

Usage

```
download_google_material(version = "dev")
```

```
google_material(name, category = NULL, theme = NULL)
```

Arguments

version	Version of the library
name	Name of the icon
category	The icon's category, either "action", "alert", "av", "communication", "content", "device", "editor", "file", "hardware", "home", "image", "maps", "navigation", "notification", "places", "social", or "toggle"
theme	The style variant for the icon, requires v4.0.0 or greater. Available themes vary by icon, but can be either "filled", "outlined", "round", "sharp", or "twotone". If NULL, it will default to the first available variant in this order.

See Also

<https://material.io/resources/icons/>

download_health_icons *Health icons*

Description

Health icons

Usage

```
download_health_icons()
```

```
health_icons(name, category = NULL, theme = NULL)
```

Arguments

name	Name of the icon
category	The icon's category, either "blood", "body", "conditions", "devices", "diagnostics", "emotions", "family", "medications", "objects", "people", "places", "shapes", "specialties", "symbols", "typography", or "vehicles"
theme	The style variant for the icon, requires v4.0.0 or greater. Available themes vary by icon, but can be either "filled", "negative", "outline". If NULL, it will default to the first available variant in this order.

download_ionicons *Ionicons icons*

Description

Ionicons icons

Usage

```
download_ionicons(version = "dev")
```

```
ionicons(name)
```

Arguments

version	Version of the library
name	Name of the icon

download_octicons *GitHub's Octicons*

Description

GitHub's Octicons

Usage

```
download_octicons(version = "dev")
```

```
octicons(name)
```

Arguments

version Version of the library

name Name of the icon

See Also

<https://primer.style/octicons/>

download_simple_icons *Simple Icons*

Description

Simple Icons

Usage

```
download_simple_icons(version = "dev")
```

```
simple_icons(name)
```

Arguments

version Version of the library

name Name of the icon

fa	<i>Migration tools</i>
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Description

The icon package has been overhauled to be more efficient and extensible. Unfortunately this has led to several necessary interface changes. To minimise impact, please use the `migrate_icon()` function to update your files to use the new interface.

Usage

```
fa(...)
```

```
ii(...)
```

```
ai(...)
```

Arguments

...	Unused.
-----	---------

icon_find	<i>Find icons in installed sets by name</i>
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Description

Find icons in installed sets by name

Usage

```
icon_find(name, set = NULL)
```

Arguments

name	The name of the icon
set	Icon sets to search. If NULL, all available icons will be searched.

icon_installed	<i>Check if an icon set is installed.</i>
----------------	---

Description

This function will return TRUE if the icons for an icon set are installed. If they aren't, they can be installed using the appropriate `download_*`(`)` function.

Usage

```
icon_installed(x)
```

Arguments

x	An icon set (such as fontawesome).
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icon_save	<i>Save icons into a local path</i>
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Description

Store icons in a local directory to simplify sharing of documents containing icons. Bundling icons with your document or app avoids the need for collaborators or servers to have all icons from a library installed.

Usage

```
icon_save(icons, path = ".")
```

Arguments

icons	A named list of icons, the names specify the icon's name in the new icon set.
path	A directory to save the icons into.

Examples

```
if(icon_installed(fontawesome) && icon_installed(ionicons)){
  icon_save(
    list(arrow = fontawesome$solid$`arrow-right`, alarm = ionicons$alarm),
    path = "icons"
  )
  app_icons <- icon_set("icons")
  app_icons$arrow
}
```

icon_set	<i>Create a custom icon set</i>
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Description

Create a custom icon set

Usage

```
icon_set(path, meta = list(name = "Custom", version = NULL, license = NULL))
```

Arguments

path	Path to the icons
meta	Meta information for the icons

icon_style	<i>Customise the style of an icon</i>
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Description

Customise the style of an icon

Usage

```
icon_style(x, scale = NULL, fill = NULL, rotate = NULL, ...)
```

Arguments

x	The icon to style.
scale	Scaled size of the icon.
fill	The colour for the fill.
rotate	The angle to rotate the icon.
...	Other CSS rules for the icon style, for example float = "right".

`read_icon`*Read an individual icon*

Description

Read an individual icon

Usage

```
read_icon(x)
```

Arguments

x Path to the icon

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