

Highcharter Cheat Sheet

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Intro

R package is a wrapper for the 'Highcharts' library including shortcut functions to plot R objects.

Installation & Use

Installation

`install.packages("highcharter")` To install Highcharter

library(h-
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To install Highcharter

Load Highcharter library at the beginning of the code

Load

library(h-
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rter)

Load Highcharter library at the beginning of the code

Useful functions

`highchart()`

This function creates a Highchart chart using `htmlwidgets`

`hchart()`

This function to draw different charts on the fly

`hc_add_series()`

Adds data to existing objects (useful for discrete graphs like scatter plot)

`hc_chart()`

Chart options for highcharter objects

`hc_labels()`

Labels options for highcharter objects

`hc_legend()`

Legend options for highcharter objects

`hcmap()`

Shortcut to access the Highcharter map library from <https://code.highcharts.com/mapdata/>

`hc_add_theme()`

To add Predefined themes

`export_hc()`

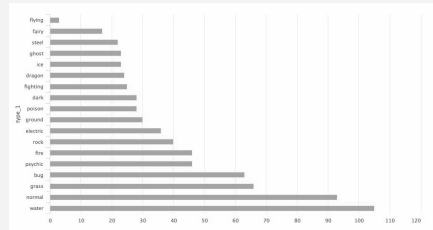
Function to export js file the configuration options

Using Hchart()

Syntax

`hchart(object, ...)`

Bar Plot



```
hchart(type = "treemap")
```

Code

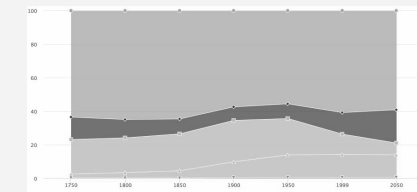
```
pokemon%>%  
count(type_1)%>%  
arrange(n)%>%  
hchart(type = "treemap", hcaes(x = type_1,  
value = n, color = n))
```

Using hc_chart()

Syntax

```
hc_chart(hc, ...)
```

Area Chart



Syntax

```
hc_chart(type = "area") %>%
```

```
hc_theme_superheroes
```

```
hc_theme_google
```

Using hmaps()

Usage

```
hmap(map, download_map_data, ...)
```

Map - String indicating what map to chart, a list from <https://code.highcharts.com/mapdata/>.

download_map_data - A logical value whether to download (add as a dependency) the map.



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Map Download



Code

```
hcmmap("https://code.highcharts.com/mapdata/countries/in/in-all.js")-  
%>%  
hc_title(text = "India")
```



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