Package 'plotly'

November 27, 2013

Type Package

Title Interactive, publication-quality graphs online. Example graph: https://plot.ly/~chris/1638/

Version 0.3

Author Chris P <chris@plot.ly>

Maintainer Chris P <chris@plot.ly>

Description An interface to plotly's online graphing tools with desktop R
environments. Send data to a plotly account and view the graphs in a web
browser. Style the graphs with code or with plotly's online interface;
share data and graphs publicly with a url or privately among other plotly
members; access your graphs from anywhere.

URL https://plot.ly/api/r

Imports RCurl, RJSONIO

Depends RCurl, RJSONIO

License MIT

Collate 'plotly.R' 'signup.R'

R topics documented:

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plotly-package   *A R API for plot.ly*

Description

plot.ly is a browser-based data visualization tool that creates interactive and publication quality figures. This API allows R users to generate plot.ly graphs from their desktop R environment. Here is an example of an interactive graph made from the R API: https://plot.ly/ ~chris/407/ Documentation and examples at https://plot.ly/API

Details

Documentation and examples at https://plot.ly/API

Package:	plotly
Type:	Package
Version:	0.2
Date:	2013-06-12
License:	MIT

Author(s)

Chris P <chris@plot.ly>

References

Documentation and examples at https://plot.ly/API

Examples

```
# Up-to-date documentation and examples at https://plot.ly/API
# These examples may not be up-to-date
```

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plotly   *main interface to plotly*

Description

plotly interface object. See up-to-date documentation and examples at https://plot.ly/API

Usage

```
# py <- plotly(username, key)
# py has 3 methods:
# 1 - Plotting: py$plotly(x1, y1[,x2,y2,...], kwargs=kw) or py$plotly({data1[,data2,...]}, kwarg
# 2 - Styling Data: py$style(data1,data2,..., kwargs=kwargs)
# 3 - Styling Layout: py$layout(layout, kwargs=kwargs)
```

Arguments

username	plotly username
key	plotly API key

Details

See documentation and examples at https://plot.ly/API

Author(s)

<chris@plot.ly>

References

https://plot.ly/API

Examples

```
## View https://plot.ly/API for more examples
## Generate a simple plot
# username <- "anna.lyst" # fill in with your plotly username
# api_key <- "y37zkd" # fill in with your plotly API key
# py <- plotly(username, api_key)
## generate some data
# x <- c(0,1,2)
# y <- c(10,11,12)
## send data to Plotly. Plotly will render an interactive graph and will return a URL where you can view yo
# response <- py$plot(x,y) # sends data to Plotly, Plotly renders an interactive graph, and returns a URL v
# url = response$url # view your plot at this URL
```

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signup	*Sign up to plotly*

Description

A sign up interface to Plotly through the R Console. See documentation and examples at https://plot.ly/API

Usage

```
signup(username, email)
```

Arguments

username	desired username
email	desired email

Details

See documentation and examples at https://plot.ly/API

Value

api_key	key to use with the api
tmp_pw	temporary password to access your plotly account

Note

https://plot.ly/API

Author(s)

<chris@plot.ly>

References

https://plot.ly/API

Examples

```
# See up-to-date documentation and examples at https://plot.ly/API
# username <- 'anna.lyst'
# email <- 'anna.lyst@plot.ly'
# response <- signup(username, email)
# response$api_key # key to access plotly with
# response$tmp_pw # temporary password to access your plotly account
```

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