Acquire and visualise package dependencies with deepdep: : **CHEAT SHEET**

Intro

Package **deepdep** is a tool for exploration of package dependencies. It helps to acquire and visualise deeper dependencies of a given package. It also adds some popularity measures for the packages e.g. in the form of download count.

Data

API

get_dependencies*(package, downloads = TRUE, bioc = FALSE, local = FALSE, deps_types = c("Depends", "Imports"))*

get_description*(package, bioc = FALSE, local = FALSE, reset_cache = FALSE)*

get_downloads*(package)*

get_available_packages*(bioc = FALSE, local = FALSE, reset_cache = FALSE)*

argument	description
package	Name of the package that is on CRAN, Bioconductor repository or locally installed
downloads	If *TRUE* add package downloads data
bioc	If *TRUE* the Bioconductor dependencies data will be taken from the Bioconductor repository
local	If *TRUE* only data of locally installed packages will be used
deps_types	Types of the dependencies that should be sought. Possibilities are: *"Imports", "Depends", "Suggests", "Enhances", "LinkingTo"*
reset_cache	If *TRUE* the cache will be cleared before obtaining the list of packages

Main function

deepdep *(package, depth = 1, downloads = FALSE, bioc = FALSE, local = FALSE, deps_types = c("Depends", "Imports"))*

argument	description
depth	Maximum depth level of the dependency

EXAMPLES

```
deepdep("ggplot2", downloads = TRUE)
```

```
deepdep("ggplot2", depth = 2)
```

```
deepdep("deepdep", local = TRUE)
```

Plots

plot_dependencies*(x, type = "circular", same_level = FALSE, label_percentage = 1, ...)*

argument	description
x	A *deepdep* object or a *character* package name.
type	Plot type. Possible values are *circular* and *tree*.
same_level	If *TRUE* links between dependencies on the same level will be added.
label_percentage	A fraction of labels to be displayed between *0* and *1*.
...	Other arguments to be passed to *deepdep* function

EXAMPLES

```
plot_dependencies("ggplot2", type = "circular")
```

```
plot_dependencies("ggplot2", type = "tree")
```