

Testing some nice graphs from R through PluginR in Tiki.

Derived from

<http://www.sthda.com/english/wiki/word-cloud-generator-in-r-one-killer-function-to-do-everything-you-need>

## Word-cloud art from mods.t.o

### RR Code

```
# Includes a word cloud with the description of the packages from http://mods.tiki.org
# Example derived from
# http://www.r-bloggers.com/celebrating-one-year-of-blogging-with-a-word-cloud/
# and
#
http://www.sthda.com/english/wiki/word-cloud-generator-in-r-one-killer-function-to-do-everything-you-need
# Former way to do it: http://www.r-bloggers.com/word-cloud-in-r/
if(!require(RCurl)){ install.packages("RCurl", lib="/usr/lib/R/site-library",
repos="http://ftp.heanet.ie/mirrors/cran.r-project.org/") }
if(!require(SnowballC)){ install.packages("SnowballC", lib="/usr/lib/R/site-library",
repos="http://ftp.heanet.ie/mirrors/cran.r-project.org/") }
if(!require(XML)){ install.packages("XML", lib="/usr/lib/R/site-library",
repos="http://ftp.heanet.ie/mirrors/cran.r-project.org/") }
if(!require(tm)){ install.packages("tm", lib="/usr/lib/R/site-library",
repos="http://ftp.heanet.ie/mirrors/cran.r-project.org/") }
if(!require(wordcloud)){ install.packages("wordcloud", lib="/usr/lib/R/site-library",
repos="http://ftp.heanet.ie/mirrors/cran.r-project.org/") }
if(!require(RColorBrewer)){ install.packages("RColorBrewer", lib="/usr/lib/R/site-library",
repos="http://ftp.heanet.ie/mirrors/cran.r-project.org/") }
require(RCurl)
require(SnowballC)
require(XML)
require(tm)
require(wordcloud)
require(RColorBrewer)
if (!require("SnowballC")) install.packages("SnowballC")
if (!require("RCurl")) install.packages("RCurl")
source('http://www.sthda.com/upload/rquery_wordcloud.r')
site <- "https://mods.tiki.org"
# In the next line, type should be "url", but since this keyword is blocked through Tiki
inside plugin content, we bypass Tiki's check with a paste function - paste0("u", "rl") -, and
approving the workaround as admin.
res <- rquery.wordcloud(x=site, type=paste0("u", "rl"), min.freq = 8, max.words = 200,
                        excludeWords=c("three", "main", "older", "see", "done"),
                        colorPalette="Dark2")
## exclude common words and restrict to words with frequency >= 8, just to get a better
picture
```

