

A

```

library("configr")
library("stringr")
library("RCurl")
github2versions <- function(github.url) {
  github.url <- str_replace(github.url, "http://|https://|git://", "")
  txt <- str_split(github.url, "/")[1]
  user <- txt[2]
  repo <- txt[3]
  h <- basicTextGatherer()
  myheader <- c(`User-Agent` = paste0("Mozilla/5.0 (iPhone; U; CPU iPhone OS 4_0_1 like ",
    "Mac OS X; ja-jp) AppleWebKit/532.9 (KHTML, like Gecko) Version/4.0.5 Mobile/8A306 ",
    "Safari/6531.22.7"),
    `Accept` = "text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8",
    `Accept-Language` = "en-us", `Connection` = "keep-alive", `Accept-Charset` =
    "GB2312,utf-8;q=0.7,*;q=0.7")
  url <- sprintf(paste0("https://api.github.com/repos/%s/%s/tags?",
    "client_id=1d40ab6884d214ef6889&",
    "client_secret=23b818c2bad8e9f88dafd8a425613475362b326d"), user, repo)
  txt <- getURL(url, headerfunction = h$update, httpheader = myheader)
  json <- tempfile()
  cat(txt, file = json, sep = "\n")
  return(read.config(file = json)$name)
}

```

B

```

library("configr")
library("stringr")
library("rvest")
get.gmap.versions <- function() {
  urls <- c("http://research-pub.gene.com/gmap/src/")
  versions_final <- NULL
  for (url in urls) {
    web <- read_html(url, encoding = "UTF-8")
    files.table <- web %>% html_nodes("table") %>% .[[1]] %>% html_table()
    files <- files.table$Name
    versions <- str_extract(files, "gmap-.*tar.gz")
    versions <- versions[!is.na(versions)]
    versions <- str_extract(versions, "gmap-.*tar")
    versions <- str_replace(versions, ".tar$", "")
    versions_final <- c(versions_final, versions)
  }
  return(versions_final)
}

```

C

```

[miniconda2]
decompress = false
url_all_download = false

[miniconda2.source_url]
windows = ["https://repo.continuum.io/miniconda/Miniconda2-{{version}}-Windows-x86_64.exe",
  "http://bioinfo.rjh.com.cn/download/miniconda/Miniconda2-{{version}}-Windows-x86_64.exe"]
mac = ["https://repo.continuum.io/miniconda/Miniconda2-{{version}}-MacOSX-x86_64.sh",
  "http://bioinfo.rjh.com.cn/download/miniconda/Miniconda2-{{version}}-MacOSX-x86_64.sh"]
linux = ["https://repo.continuum.io/miniconda/Miniconda2-{{version}}-Linux-x86_64.sh",
  "http://bioinfo.rjh.com.cn/download/miniconda/Miniconda2-{{version}}-Linux-x86_64.sh"]

[miniconda2.install]
linux = "sh Miniconda2-{{version}}-Linux-x86_64.sh"
mac = "sh Miniconda2-{{version}}-MacOSX-x86_64.sh"

```