

Package ‘Lab5’

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Title Connect to an API

Version 0.0.0.9000

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Description Connects to a web API and a shiny application

Depends R (>= 3.2.2)

License GPL-2

LazyData true

Suggests testthat

NeedsCompilation no

R topics documented:

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q	<i>Functions.</i>
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Description

Uses a GET-verb to connect to val.se and downloads a xls-file, which is converted and read by a read.xlsx-command into the actual data-file we need. From this file it extracts the things we need. The shiny app then reads this by calling the package Lab5, which only consists of this data.

Usage

q

Arguments

No params

Format

```

List of 10
$ url      : chr "http://www.val.se/val/val2014/statistik/2014_riksdagsval_per_kommun.xls"
$ status_code: int 200
$ headers   :List of 9
  ..$ date      : chr "Wed, 21 Oct 2015 08:37:23 GMT"
  ..$ server     : chr "Apache"
  ..$ last-modified : chr "Fri, 03 Oct 2014 06:18:22 GMT"
  ..$ etag       : chr "\"10c358-1d400-5047eb32cc780\""
  ..$ accept-ranges : chr "bytes"
  ..$ content-length: chr "119808"
  ..$ cache-control : chr "max-age=3600"
  ..$ expires     : chr "Wed, 21 Oct 2015 09:37:23 GMT"
  ..$ content-type  : chr "application/vnd.ms-excel"
  ..- attr(*, "class")= chr [1:2] "insensitive" "list"
$ all_headers:List of 1
  ..$ :List of 3
  .. ..$ status : int 200
  .. ..$ version: chr "HTTP/1.1"
  .. ..$ headers:List of 9
    .. . . . $ date      : chr "Wed, 21 Oct 2015 08:37:23 GMT"
    .. . . . $ server     : chr "Apache"
    .. . . . $ last-modified : chr "Fri, 03 Oct 2014 06:18:22 GMT"
    .. . . . $ etag       : chr "\"10c358-1d400-5047eb32cc780\""
    .. . . . $ accept-ranges : chr "bytes"
    .. . . . $ content-length: chr "119808"
    .. . . . $ cache-control : chr "max-age=3600"
    .. . . . $ expires     : chr "Wed, 21 Oct 2015 09:37:23 GMT"
    .. . . . $ content-type  : chr "application/vnd.ms-excel"
    .. . . . - attr(*, "class")= chr [1:2] "insensitive" "list"
$ cookies    : 'data.frame': 0 obs. of 7 variables:
  ..$ domain   : logi(0)
  ..$ flag     : logi(0)
  ..$ path     : logi(0)
  ..$ secure   : logi(0)
  ..$ expiration:Classes 'POSIXct', 'POSIXt' num(0)
  ..$ name     : logi(0)
  ..$ value    : logi(0)
$ content     : raw [1:119808] d0 cf 11 e0 ...
$ date        : POSIXct[1:1], format: "2015-10-21 08:37:23"
$ times       : Named num [1:6] 0 0.00528 0.00551 0.00568 0.34289 ...
  ..- attr(*, "names")= chr [1:6] "redirect" "namelookup" "connect" "pretransfer" ...
$ request     :List of 7
  ..$ method   : chr "GET"
  ..$ url      : chr "http://www.val.se/val/val2014/statistik/2014_riksdagsval_per_kommun.xls"
  ..$ headers   : Named chr "application/json, text/xml, application/xml, */*"
  .. ..- attr(*, "names")= chr "Accept"
  ..$ fields    : NULL
  ..$ options   :List of 2
  .. ..$ useragent : chr "libcurl/7.43.0 r-curl/0.9.3 httr/1.0.0"
  .. ..$ customrequest: chr "GET"
  ..$ auth_token: NULL

```

```
..$ output      : list()
.. ..- attr(*, "class")= chr [1:2] "write_memory" "write_function"
..- attr(*, "class")= chr "request"
$ handle        :Class 'curl_handle' <externalptr>
- attr(*, "class")= chr "response"
```

Author(s)

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