

Package ‘wikiTools’

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Description A set of wrappers intended to check, read and download information from the Wikimedia sources. It is specifically created to work with names of celebrities, in which case their information and statistics can be downloaded. Additionally, it also builds links and snippets to use in combination with the function gallery() in netCoin package.

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cc	<i>Converts a text separated by commas into a character vector.</i>
----	---

Description

Converts a text separated by commas into a character vector.

Usage

```
cc(text, sep = ",")
```

Arguments

text	Text to be separated.
sep	A character of separation. It must be a blank. If it is another character, trailing blanks are suppressed.

Details

Returns inside the text are omitted.

Value

A vector of the split segments of the text.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## A text with three names separated with commas is converted into a vector of length 3.
cc("Pablo Picasso, Diego Velazquez, Salvador Dali")
```

extractWiki	<i>Extract the first paragraph of a Wikipedia article with a maximum of characters.</i>
-------------	---

Description

Extract the first paragraph of a Wikipedia article with a maximum of characters.

Usage

```
extractWiki(
  names,
  language = c("en", "es", "fr", "de", "it"),
  plain = FALSE,
  maximum = 1000
)
```

Arguments

names	A vector of names, whose entries have to be extracted.
language	A vector of Wikipedia's languages to look for. If the article is not found in the language of the first element, it search for the followings,.
plain	If TRUE, the results are delivered in plain format.
maximum	Number maximum of characters to be included when the paragraph is too large.

Value

a character vector with html formatted (or plain text) Wikipedia paragraphs.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## Obtaining information in English Wikidata
names <- c("William Shakespeare", "Pablo Picasso")
info <- getWikiInf(names)
info$text <- extractWiki(info$label)
```

filext

Extract the extension of a file

Description

Extract the extension of a file

Usage

```
filext(fn)
```

Arguments

fn Character vector with the files whose extensions are to be extracted.

Details

This function extracts the extension of a vector of file names.

Value

A character vector of extension names.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## For a single item:
filext("Albert Einstein.jpg")
## You can do the same for a vector:
filext(c("Hillary Duff.png", "Britney Spears.jpg", "Avril Lavigne.tiff"))
```

getFiles	<i>Downloads a list of files in a specified path of the computer, and return a vector of the no-found names (if any).</i>
----------	---

Description

Downloads a list of files in a specified path of the computer, and return a vector of the no-found names (if any).

Usage

```
getFiles(lista, path = "./", ext = NULL)
```

Arguments

lista	A list or data frame of files' URLs to be download (See details).
path	Directory where to export the files.
ext	Select desired extension of the files. Default= NULL.

Details

This function allows download a file of files directly into your directory. This function needs a preexistent data frame of names and pictures' URL. It must be a list (or data.frame) with two values: "name" (specifying the names of the files) and "url" (containing the urls to the files to download).. All the errors are reported as outcomes (NULL= no errors). The files are donwload into your chosen directory.

Value

It returns a vector of errors, if any. All pictures are download into the selected directory (NULL= no errors).

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## Not run:  
  
## In case you want to download a file directly from an URL:  
  
# dta <- data.frame(name = "Data", url = "https://sociocav.usal.es/me/Stata/example.dta")  
# getFiles(dta, path = "./")  
  
## You can can also combine this function with getWikiData (among others).  
## In case you want to download a picture of a person:
```

```
# A <- data.frame(name= getWikiData("Rembrandt")$label, url=getWikiData("Rembrandt")$pics)
# getFiles(A, path = "./", ext = "png")

## Or the pics of multiple authors:

# B <- getWikiData(c("Monet", "Renoir", "Caillebotte"))
# data <- data.frame(name = B$label, url = B$pics)
# getFiles(data, path = "./", ext = NULL)

## End(Not run)
```

getWikiData

Create a data.frame with Wikidata of a vector of names.

Description

Create a data.frame with Wikidata of a vector of names.

Usage

```
getWikiData(names, language = "en", csv = NULL)
```

Arguments

names	A vector consisting of one or more Wikidata's entry (i.e., topic or person).
language	The language of the Wikipedia page version. This should consist of an ISO language code (default = "en").
csv	A file name to save the results, in which case the only return is a message with the name of the saved file.

Value

A data frame with personal information of the names or a csv file with the information separated by semicolons.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## Obtaining information in English Wikidata
## Not run:
names <- c("William Shakespeare", "Pablo Picasso")
info <- getWikiData(names)
## Obtaining information in Spanish Wikidata
```

```
d <- getWikiData(names, language="es")  
## End(Not run)
```

GetWikidataitem	<i>GetWikidataitem Use Wikimedia_query to obtain the Wikidata entity of a article from a Wikimedia project. Automatically resolves redirects.</i>
-----------------	---

Description

GetWikidataitem Use Wikimedia_query to obtain the Wikidata entity of a article from a Wikimedia project. Automatically resolves redirects.

Usage

```
GetWikidataitem(article = "", project = "en.wikipedia.org")
```

Arguments

article	Article to search
project	Wikimedia project, defaults "en.wikipedia.org"

Value

A vector with the first element to 1 if exists the Wikidata item and if not a disambiguation page, the second element de normalized forma of article, and the third the wikidata item. If errors, the first element is set to 0 and the third is the explication of error.

Author(s)

Angel F. Zazo, Department of Computer Science and Automatics, University of Salamanca

Examples

```
GetWikidataitem('Max Planck', project='es.wikipedia.org')  
GetWikidataitem('Max')  
GetWikidataitem('Cervante')
```

getWikiFiles	<i>Downloads a list of Wikipedia pages in a specified path of the computer, and return a vector of the no-found names (if any).</i>
--------------	---

Description

Downloads a list of Wikipedia pages in a specified path of the computer, and return a vector of the no-found names (if any).

Usage

```
getWikiFiles(X, language = c("es", "en", "fr"), directory = "./", maxtime = 0)
```

Arguments

X	A vector of Wikipedia's entry).
language	The language of the Wikipedia page version. This should consist of an ISO language code (default = "en").
directory	Directory where to export the files to.
maxtime	In case you want to apply a random waiting between consecutive searches.

Details

This function allows download a set of Wikipedia pages into a directory of the local computer. All the errors (not found pages) are reported as outcomes (NULL= no errors). The files are download into your chosen directory.

Value

It returns a vector of errors, if any. All pictures are download into the selected directory (NULL= no errors).

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## Not run:

## In case you want to download the Wikipage of a person:

# getWikiFiles("Rembrandt", dir = "./")

## Or the pics of multiple authors:

# B <- c("Monet", "Renoir", "Caillebotte")
```



```
# getWikiFiles(B, dir = "./", language="fr")  
## End(Not run)
```

getWikiInf

Create a data.frame with Q's and descriptions of a vector of names.

Description

Create a data.frame with Q's and descriptions of a vector of names.

Usage

```
getWikiInf(names, number = 1, language = "en")
```

Arguments

names	A vector consisting of one or more Wikidata's entry (i.e., topic or person).
number	Take the number occurrence in case there are several equal names in Wikidata.
language	The language of the Wikipedia page version. This should consist of an ISO language code (default = "en").

Value

A data frame with name, Q, label and description of the names.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## Obtaining information in English Wikidata  
names <- c("William Shakespeare", "Pablo Picasso")  
information <- getWikiInf(names)  
  
## Obtaining information in Spanish Wikidata  
## Not run:  
informacion <- getWikiInf(names, language="es")  
  
## End(Not run)
```

get_template	<i>Create a drop-down vignette for nodes from different items (for galleries).</i>
--------------	--

Description

Create a drop-down vignette for nodes from different items (for galleries).

Usage

```
get_template(  
  data,  
  title = NULL,  
  title2 = NULL,  
  text = NULL,  
  img = NULL,  
  wiki = NULL,  
  width = 300,  
  color = "#135dcd",  
  cex = 1  
)
```

Arguments

data	data frame which contains the data.
title	column name which contains the first title of the vignette.
title2	column name which contains the secondary title of the vignette.
text	column name which contains the main text of the vignette.
img	column name which contains the names of the image files.
wiki	column name which contains the wiki URL for the vignette.
width	length of the vignette's width.
color	color of the vignette's strip (It also could be a column name which contains colors).
cex	number indicating the amount by which plotting text should be scaled relative to the default.

Value

a character vector of html formatted vignettes.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## Obtaining information in English Wikidata
## Not run:
names <- c("William Shakespeare", "Pablo Picasso")
information <- getWikiData(names)
information$html <- get_template(information, title="entityLabel", text="entityDescription")

## End(Not run)
```

get_template_for_maps *Create a drop-down vignette for nodes from different items (for maps).*

Description

Create a drop-down vignette for nodes from different items (for maps).

Usage

```
get_template_for_maps(
  data,
  title = NULL,
  title2 = NULL,
  text = NULL,
  img = NULL,
  wiki = NULL,
  color = "#cbdefb",
  cex = 1
)
```

Arguments

data	data frame which contains the data.
title	column name which contains the first title of the vignette.
title2	column name which contains the secondary title of the vignette.
text	column name which contains the main text of the vignette.
img	column name which contains the names of the image files.
wiki	column name which contains the wiki URL for the vignette.
color	color of the vignette's strip (It also could be a column name which contains colors).
cex	number indicating the amount by which plotting text should be scaled relative to the default.

Value

a character vector of html formatted vignettes.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## Obtaining information in English Wikidata
## Not run:
names <- c("William Shakespeare", "Pablo Picasso")
info <- getWikiData(names)
info$html <- get_template_for_maps(info, title="entityLabel", text="entityDescription")

## End(Not run)
```

limit_requester	<i>limit_requester</i> Limit the rate at which a function will execute
-----------------	--

Description

limit_requester Limit the rate at which a function will execute

Usage

```
limit_requester(f, n, period)
```

Arguments

f	The original function
n	Number of allowed events within a period
period	Length (in seconds) of measurement period

Value

If 'f' is a single function, then a new function with the same signature and (eventual) behavior as the original function, but rate limited. If 'f' is a named list of functions, then a new list of functions with the same names and signatures, but collectively bound by a shared rate limit.

Author(s)

Angel F. Zazo, Department of Computer Science and Automatics, University of Salamanca

See Also

ratelimitr

nametoWikiFrame	<i>Convert names into a Wikipedia's iframe</i>
-----------------	--

Description

Convert names into a Wikipedia's iframe

Usage

```
nametoWikiFrame(name, language = "en")
```

Arguments

name	A vector consisting of one or more Wikipedia's entry (i.e., topic or person).
language	The language of the Wikipedia page version. This should consist of an ISO language code (default = "en").

Details

This function adds the Wikipedia's iframe to a entry or name, i.e., "Max Weber" converts into "<iframe src=\"https://es.m.wikipedia.org/wiki/Max_Weber\" width=\"100...\". It also manages different the languages of Wikipedia through the abbreviated two-letter language parameter, i.e., "en" = "english".

Value

A character vector of Wikipedia's iframes.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## When extracting a single item;
nametoWikiFrame("Computer", language = "en")

## When extracting two objects;
A <- c("Computer", "Operating system")
nametoWikiFrame(A)

## Same when three or more items;
B <- c("Socrates", "Plato", "Aristotle")
nametoWikiFrame(B)
```

`nametoWikiHtml`*Create the Wikipedia link of a name or entry.*

Description

Create the Wikipedia link of a name or entry.

Usage

```
nametoWikiHtml(name, language = "en")
```

Arguments

<code>name</code>	A vector consisting of one or more Wikipedia's entry (i.e., topic or person).
<code>language</code>	The language of the Wikipedia page version. This should consist of an ISO language code (default = "en").

Details

This function adds the Wikipedia's html link to a entry or name, i.e., "Max Weber" converts into "Max Weber". It also manages different the languages of Wikipedia through the abbreviated two-letter language parameter, i.e., "en" = "english".

Value

A character vector of names' links.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## When extracting a single item;
nametoWikiHtml("Computer", language = "en")

## When extracting two objetcs;
A <- c("Computer", "Operating system")
nametoWikiHtml(A)
B <- c("Socrates", "Plato", "Aristotle" )
nametoWikiHtml(B)
```

nametoWikiURL *Create the Wikipedia URL of a name or entry.*

Description

Create the Wikipedia URL of a name or entry.

Usage

```
nametoWikiURL(name, language = "en")
```

Arguments

name	A vector consisting of one or more Wikipedia's entry (i.e., topic or person).
language	The language of the Wikipedia page version. This should consist of an ISO language code (default = "en").

Details

This function adds the Wikipedia URL to a entry or name, i.e., "Max Weber" converts into "https://es.wikipedia.org/wiki/Max". It also manages different the languages of Wikipedia thru the abbreviated two-letter language parameter, i.e., "en" = "english".

Value

A character vector of names' URLs.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## When extracting a single item;
nametoWikiURL("Computer", language = "en")

## When extracting two objetcs;
A <- c("Computer", "Operating system")
nametoWikiURL(A)

## Same when three or more items;
B <- c("Socrates", "Plato" , "Aristotle")
nametoWikiURL(B)
```

preName	<i>Reverse the order of the first and last names of every element of a vector.</i>
---------	--

Description

Reverse the order of the first and last names of every element of a vector.

Usage

```
preName(X)
```

Arguments

X A vector of names with format "name, prename".

Details

This function reverses the order of the first and last names of the items: i.e., "Weber, Max" turns into "Max Weber".

Value

Another vector with its elements changed.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## To reconvert a single name:  
preName("Weber, Max")  
## It is possible to work with several items, as in here:  
A <- c("Weber, Max", "Descartes, Rene", "Locke, John")  
preName(A)
```

req_WDQS	<i>req_WDQS Retrieve responses in JSON format from Wikidata Query Service (WDQS)</i>
----------	--

Description

req_WDQS Retrieve responses in JSON format from Wikidata Query Service (WDQS)

Usage

req_WDQS(sparql_query)

Arguments

sparql_query A string with the query in SPARQL language.

Value

A JSON response. Please check `http:::stop_for_status(response)`

Note

For short queries GET method is better, POST for long ones. Only GET queries as cached.

Author(s)

Angel F. Zazo, Department of Computer Science and Automatics, University of Salamanca

req_wikimedia_metrics	<i>req_wikimedia_metrics Retrieve responses in JSON format from Wikimedia metrics API</i>
-----------------------	---

Description

req_wikimedia_metrics Retrieve responses in JSON format from Wikimedia metrics API

Usage

req_wikimedia_metrics(url)

Arguments

url The URL with the query

Value

A JSON response. Please check `http:::stop_for_status(response)`

Note

Used in `Wikimedia_page_views`

Author(s)

Angel F. Zazo, Department of Computer Science and Automatics, University of Salamanca

searchWiki

Find if there is a Wikipedia page of a name(s) in the selected language.

Description

Find if there is a Wikipedia page of a name(s) in the selected language.

Usage

```
searchWiki(
  name,
  language = c("en", "es", "fr", "it", "de", "pt", "ca"),
  all = FALSE,
  maxtime = 0
)
```

Arguments

<code>name</code>	A vector consisting of one or more Wikipedia's entry (i.e., topic or person).
<code>language</code>	The language of the Wikipedia page version. This should consist of an ISO language code.
<code>all</code>	If all, all the languages are checked. If false, once a term is found, there is no search of others, so it's faster.
<code>maxtime</code>	In case you want to apply a random waiting between consecutive searches.

Details

This function checks any page or entry in order to find if it has a Wikipedia page in a given language. It manages the different the languages of Wikipedia thru the two-letters abbreviated language parameter, i.e, "en" = "english". It is possible to check multiple languages in order of preference; in this case, only the first available language will appear as TRUE.

Value

A Boolean data frame of TRUE or FALSE.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## When you want to check an entry in a single language:
searchWiki("Manuel Vilas", language = "es")

## When you want to check an entry in several languages:
## Not run:
searchWiki("Manuel Vilas", language = c("en", "es", "fr", "it", "de", "pt", "ca"), all=TRUE)

## End(Not run)
## Not run:
A<-c("Manuel Vilas", "Julia Navarro", "Rosa Montero")
searchWiki(A, language = c("en", "es", "fr", "it", "de", "pt", "ca"), all=FALSE)

## End(Not run)
```

urltoFrame

Convert an URL link to an HTML iframe.

Description

Convert an URL link to an HTML iframe.

Usage

```
urltoFrame(url)
```

Arguments

url Character vector of URLs.

Details

This function converts an available URL direction to the corresponding HTML iframe, i.e., "https://es.wikipedia.org/wiki/Soc" changes into "Socrates".

Value

A character vector of HTML iframe for the given urls.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## When you have a single URL:

urltoFrame("https://es.wikipedia.org/wiki/Socrates")

## It is possible to work with a vector of URL to obtain another vector of html frames:

A <- c("https://es.wikipedia.org/wiki/Socrates",
      "https://es.wikipedia.org/wiki/Plato",
      "https://es.wikipedia.org/wiki/Aristotle")
urltoHtml (A)
```

urltoHtml

Convert a Wikipedia URL to an HTML link

Description

Convert a Wikipedia URL to an HTML link

Usage

```
urltoHtml(url, text = NULL)
```

Arguments

`url` Character vector of URLs.

`text` A vector with name of the correspondent title of the url (See details).

Details

This function converts an available URL direction to the corresponding HTML link, i.e., "https://es.wikipedia.org/wiki/Socrates" changes into "Socrates".

Value

A character vector of HTML links for the given urls.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
## When you have a single URL:

urltoHtml("https://es.wikipedia.org/wiki/Socrates", text = "Socrates")

## It is possible to work with several items:

A <- c("https://es.wikipedia.org/wiki/Socrates",
      "https://es.wikipedia.org/wiki/Plato",
      "https://es.wikipedia.org/wiki/Aristotle")
urltoHtml (A, text = c("Socrates", "Plato", "Aristotle"))

## And you can also directly extract the info from nametoWikiURL():

urltoHtml(nametoWikiURL("Plato", "en"), "Plato" )
urltoHtml(nametoWikiURL(c("Plato", "Socrates", "Aristotle"), language="en"),
          c("Plato", "Socrates", "Aristotle"))
```

validUrl	<i>Find if an URL link is valid.</i>
----------	--------------------------------------

Description

Find if an URL link is valid.

Usage

```
validUrl(url, time = 2)
```

Arguments

url	A vector of URLs.
time	The timeout (in seconds) to be used for each connection. Default = 2.

Details

This function checks if a URL exists on the Internet.

Value

A boolean value of TRUE or FALSE.

Author(s)

Modesto Escobar, Department of Sociology and Communication, University of Salamanca. See <https://sociocav.usal.es/blog/modesto-escobar/>

Examples

```
validUrl(url="https://es.wikipedia.org/wiki/Weber,_Max", time=2)
```

Wikidata_occupationCount

Wikidata_occupationCount Search Wikidata Query Service (WDQS) to know the number of Wikidata entities with P106 property (occupation) set to Qoc.

Description

Wikidata_occupationCount Search Wikidata Query Service (WDQS) to know the number of Wikidata entities with P106 property (occupation) set to Qoc.

Usage

```
Wikidata_occupationCount(Qoc = "")
```

Arguments

Qoc The Wikidata entity of the occupation

Value

The number of entities with that occupation (integer)

Author(s)

Angel F. Zazo, Department of Computer Science and Automatics, University of Salamanca

Examples

```
Wikidata_occupationCount('Q2526255') # Film director
```

Wikidata_sparql_query *Wikidata_sparql_query Retrieve responses in JSON format from Wikidata Query Service (WDQS) #' req_WDQS_rated The ratelimitr version of req_WDQS_rate. See https://www.mediawiki.org/wiki/Wikidata_Query_Service/User_Manual#SPARQL_endpoint*

Description

Wikidata_sparql_query Retrieve responses in JSON format from Wikidata Query Service (WDQS) #' req_WDQS_rated The ratelimitr version of req_WDQS_rate. See https://www.mediawiki.org/wiki/Wikidata_Query_Servi

Usage

```
Wikidata_sparql_query(sparql_query)
```

Arguments

sparql_query A string with the query in SPARQL language.

Value

A JSON response or NULL on errors.

Author(s)

Angel F. Zazo, Department of Computer Science and Automatics, University of Salamanca

Wikidata_Wikipedias	<i>Wikidata_wikipedias For an occupation, obtains all Wikidata entity of the people with that occupation, also the number of wikipedias witch article they have, and the URL of those wikipedias (sep = tab) Run queries splitting with offset and chunk.</i>
---------------------	---

Description

Wikidata_wikipedias For an occupation, obtains all Wikidata entity of the people with that occupation, also the number of wikipedias witch article they have, and the URL of those wikipedias (sep = tab) Run queries splitting with offset and chunk.

Usage

```
Wikidata_Wikipedias(Qoc, chunk = 10000)
```

Arguments

Qoc	The Wikidata entity of the occupation
chunk	The chunk to split intermediate results with the aim of reduce the limit 60 seconds processig time.

Value

A list with Wikidata entity, the number of wikipedias and the URL

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Wikimedia_get_redirects

Wikimedia_get_redirects Obtains redirection pages (from namespace 0) to the article page in the Wikimedia project

Description

Wikimedia_get_redirects Obtains redirection pages (from namespace 0) to the article page in the Wikimedia project

Usage

```
Wikimedia_get_redirects(article, project = "en.wikipedia.org")
```

Arguments

article	Article target
project	Wikimedia project, defaults "en.wikipedio.org"

Value

A list with the firts element the target of all redirections, or NULL on error.

Author(s)

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Wikimedia_page_views *Wikimedia_page_views* Return the number of views one article has in a Wikimedia project in a date interval (see granularity). Optionally include redirections to the article page. req_wikimeida_metrics_rated The limitratedr version of req_wikimedia_metrics.

Description

Wikimedia_page_views Return the number of views one article has in a Wikimedia project in a date interval (see granularity). Optionally include redirections to the article page. req_wikimeida_metrics_rated The limitratedr version of req_wikimedia_metrics.

Usage

```
Wikimedia_page_views(
  article,
  project = "en.wikipedia.org",
  start,
  end,
  access = "all-access",
  agent = "user",
  granularity = "monthly",
  include_redirects = FALSE
)
```

Arguments

article	The article to search
project	The Wikimedia project, defaults en.wikipedia.org
start, end	First and last day to include (format YYYYMMDD or YYYYMMDDHH)
access	Filter by access method: all-access (default), desktop, mobile-app, mobile-web
agent	Filter by agent type: all-agents, user (default), spider, automated
granularity	Time unit for the response data: daily, monthly (default)
include_redirects	Boolean to include redirection to the article page (defaults: False)

Value

The number of visits

Author(s)

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Wikimedia_person_exists

Wikimedia_person_exists Use Wikimedia_query and Wikidata_sparql_query to check if a article of a person exists in the Wikimedia project. If exists, also return the Wikipedia pages of that person in the languages indicated in param lang

Description

Wikimedia_person_exists Use Wikimedia_query and Wikidata_sparql_query to check if a article of a person exists in the Wikimedia project. If exists, also return the Wikipedia pages of that person in the languages indicated in param lang

Usage

```
Wikimedia_person_exists(
  article,
  project = "en.wikipedia.org",
  langs = "en|es|fr|de|it|pt|ca"
)
```

Arguments

article	Article to search
project	Wikimedia project, defaults "en.wikipedia.org"
langs	Wikipedia languages to search if the person has a page, use " " to split languages

Value

If the article of the person exists, a vector with four elements: the first one set to 1, the second de article label normalized, the third de Wikidata id, and fourth a data frame with URL to Wikipedias (lang, label, URL) If the article of the person does not exist, the first element is set to 0 and the third is the explication of error.

Author(s)

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Wikimedia_query	<i>Wikimedia_query Use httr package to retrieve responses in JSON format about an article from Wikimedia API.</i>
-----------------	---

Description

Wikimedia_query Use httr package to retrieve responses in JSON format about an article from Wikimedia API.

Usage

```
Wikimedia_query(
  query,
  project = "en.wikipedia.org",
  headers = my_headers,
  attempts = 2
)
```

Arguments

query	A list with de (key, values) pairs with the search.
project	The Wikimedia project to search.
headers	A vector with additional query headers for the request.
attempts	On errors, the maximum number of times the query is launched if repetition_on_error is not zero (default 2)

Value

The response in JSON format or NULL on errors.

Author(s)

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wmflabs_get_allinfo	<i>wmflabs_get_allinfo</i> Obtains information about an article in the Wikimedia project in JSON format, or NULL on error.
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Description

wmflabs_get_allinfo Obtains information about an article in the Wikimedia project in JSON format, or NULL on error.

Usage

```
wmflabs_get_allinfo(
    article,
    project = "en.wikipedia.org",
    links_in_count_redirects = FALSE
)
```

Arguments

article	The article to search
project	The Wikimedia project, defaults en.wikipedia.org
links_in_count_redirects	If infotype==links, if redirects are included or not

Value

The number of visits

Note

Is important that the article be don't a redirection: with "prose" infotype the function gets information of the target article, but with "articleinfo" and "links" the information is about the redirection.

Author(s)

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