

Package: glosario (via r-universe)

September 1, 2024

Title A Multilingual Glossary

Version 0.2

Description A glossary of data science terms in multiple languages and usable from multiple languages.

Encoding UTF-8

LazyData true

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RoxygenNote 7.1.1

Depends R (>= 2.10)

Imports cli, digest, purrr, R6, rlang, tibble, yaml, stringdist, glue, dplyr, magrittr, stringr

Roxygen list(markdown = TRUE)

Suggests testthat, knitr, rmarkdown

VignetteBuilder knitr

Repository <https://carpentries.r-universe.dev>

RemoteUrl <https://github.com/carpentries/glosario-r>

RemoteRef HEAD

RemoteSha 90821c505d87008fd525a91598e597f110e66d8e

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glosario-package *A multilingual glossary.*

Description

glosario provides the infrastructure to create and read multilingual glossaries. By default, glosario provides access to a community-curated glossary hosted by [The Carpentries](#).

define *Look up definition of term.*

Description

Look up definition of term.

Usage

```
define(key, lang = "en", glossary = NULL, show_lang = FALSE)
```

Arguments

key	lookup key
lang	language for the definition
glossary	a glossary object
show_lang	should the ISO639-1 2-letter code be displayed with the definition?

Value

string containing definition

gdef *Generate anchor tag for a given term in HTML*

Description

Generate anchor tag for a given term in HTML

Usage

```
gdef(term, text)
```

Arguments

term	Look-up key
text	Text to display

Value

string containing link

get_glossary	<i>Get a glossary</i>
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Description

Retrieve a YAML-formatted glossary from the web or locally.

Usage

```
get_glossary(  
  url = "https://raw.githubusercontent.com/carpentries/glosario/master/glossary.yml",  
  cache = tempdir()  
)
```

Arguments

url	the url, path for the glossary or the OWNER/REPO for a GitHub repository that hosts a glossary.
cache	the local path to cache the glossary (default: tempdir())?

Details

The specification of the file is available from <https://github.com/carpentries/glosario/#readme>

If <OWNER/REPO> is provided to the url argument, the successful conversion into an URL that will resolve to a glossary assumes that the glossary is called glossary.yml in the repository and it lives in the branch master.x

Value

a glossary (as an R6 object)

 iso639

List of languages and their iso639-1 and iso639-2 codes

Description

A dataset of the ISO 639-1 and ISO 639-2 language codes and their names in English, French, and German.

Usage

iso639

Format

A tibble with 507 rows and 7 columns:

- iso639_1 the 2-letter code for the language
- iso639_2 the 3-letter code for the language (the content of this column is the same as the column iso639_2_terminology)
- iso639_2_bibliography the 3-letter code for the language using the "Bibliographic version" (also known as ISO639-2/B).
- iso639_2_terminology the 3-letter code for the language using the "Terminology version" (also known as ISO639-2/T).
- english_name the English name of the language
- french_name the French name for the language
- german_name the German name for the language

There are 21 languages that have different codes in the ISO639-2/B and ISO639-2/T codes. In general the T codes are preferred and the B codes are provided for compatibility.

Source

http://www.loc.gov/standards/iso639-2/php/code_list.php retrieved on 2020-06-19

 list_glosario_terms

List all the glosario terms in an RMD

Description

List all the glosario terms in an RMD

Usage

```
list_glosario_terms(title = NULL, type = "definitions")
```

Arguments

title	The table title
type	One of 'definitions' or 'reqs'

<code>validate_document</code>	<i>Validate Documents using Glosario Definitions</i>
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Description

Validate Documents using Glosario Definitions

Usage

```
validate_document(file_path)
```

Arguments

file_path	path to the file to be validated
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Details

In case the document is not valid the function will return a warning for each term not defined and raise a final error listing the total number of terms not matched.

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