

# Package: babelquarto (via r-universe)

November 4, 2024

**Title** Renders a Multilingual Quarto Book

**Version** 0.0.0.9000

**Description** Automate rendering and cross-linking of Quarto books following a prescribed structure.

**License** MIT + file LICENSE

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE, roclets = c("`collate", "`rd", "`namespace", "`devtag::dev\_roclet"))

**RoxygenNote** 7.3.2

**Imports** brio, cli, fs, purrr, quarto, rlang, sys, whoami, withr, xml2, yaml

**Suggests** servr, testthat (>= 3.0.0)

**URL** <https://github.com/ropensci-review-tools/babelquarto>

**BugReports** <https://github.com/ropensci-review-tools/babelquarto/issues>

**Config/testthat/edition** 3

**VignetteBuilder** quarto

**Config/pak/sysreqs** make libxml2-dev libssl-dev

**Repository** <https://ropensci.r-universe.dev>

**RemoteUrl** <https://github.com/ropensci-review-tools/babelquarto>

**RemoteRef** main

**RemoteSha** f3f4ce6c9e3e1c6d5c2f57f471f0f78248f08853

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quarto\_multilingual\_book

*Create a starter/example quarto multilingual book or website*

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## Description

Create a starter/example quarto multilingual book or website

## Usage

```
quarto_multilingual_book(  
  parent_dir,  
  project_dir,  
  main_language = "en",  
  further_languages = c("es", "fr"),  
  register_languages = TRUE,  
  site_url = "https://example.com",  
  placement = c("sidebar", "navbar")  
)
```

```
quarto_multilingual_website(  
  parent_dir,  
  project_dir,  
  main_language = "en",  
  further_languages = c("es", "fr"),  
  register_languages = TRUE,  
  site_url = "https://example.com",  
  placement = c("navbar", "sidebar")  
)
```

## Arguments

parent_dir	Folder where to create the project folder.
project_dir	Project (book, website) folder name.
main_language	Code for main languages.
further_languages	Codes for not main languages.
register_languages	Whether to register languages (logical).
site_url	Site URL for the book/site-url or website/site-url part of the Quarto configuration.
placement	Where to place the language links (sidebar, navbar).

## Value

The path to the created project.

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read_yaml	<i>Alias for yaml::read_yaml with a custom handler</i>
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**Description**

Alias for `yaml::read_yaml` with a custom handler

**Usage**

```
read_yaml(path)
```

**Arguments**

path	Path to yaml file
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register_further_languages	<i>Register further languages in Quarto config</i>
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**Description**

Register further languages in Quarto config

**Usage**

```
register_further_languages(further_languages, project_path = ".")
```

**Arguments**

further_languages	Languages to be registered (character vector)
project_path	Path where the book/website source is located

**Value**

Nothing

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register\_main\_language

*Register main language in Quarto config*

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### **Description**

Register main language in Quarto config

### **Usage**

```
register_main_language(main_language = "en", project_path = ".")
```

### **Arguments**

main\_language    Main language code (character, like "en")  
 project\_path    Path where the book/website source is located

### **Value**

Nothing

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render\_book

*Render a Quarto multilingual project*

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### **Description**

Render a Quarto multilingual project

### **Usage**

```
render_book(project_path = ".", site_url = NULL, profile = NULL)
```

```
render_website(project_path = ".", site_url = NULL, profile = NULL)
```

### **Arguments**

project\_path    Path where the book/website source is located  
 site\_url        Base URL of the book/website.  
 profile         Quarto profile(s) to use.

## Details

babelquarto expects a book/website folder with each qmd/Rmd present in as many languages as needed, with the same basename but,

- once with only .qmd as extension for the main language,
- once with .es.qmd (using the language code) for each other language.

You also need to register the language in the configuration file, see [register\\_main\\_language\(\)](#) and [register\\_further\\_languages\(\)](#):

```
babelquarto:  
  mainlanguage: 'en'  
  languages: ['es', 'fr']
```

## Examples

```
directory <- withr::local_tempdir()  
quarto_multilingual_book(parent_dir = directory, project_dir = "blop")  
render_book(file.path(directory, "blop"))  
## Not run:  
if (require("servr") && rlang::is_interactive()) {  
  servr::http(file.path(directory, "blop", "_book"))  
}  
  
## End(Not run)
```

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