

Package ‘qpost’

September 12, 2026

Title Create a 'Quarto' Blog Post

Version 1.0.0

Description Provides an interactive 'RStudio' dialog for creating 'Quarto' blog posts with correctly structured YAML front matter. The dialog collects title, author, date, categories, and other metadata, then scaffolds the post directory, creates the 'index.qmd' file, and optionally copies an image. A companion function appends COinS (ContextObjects in Spans) metadata to posts for automatic bibliographic import into reference managers such as 'Zotero'.

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Encoding UTF-8

Depends R (>= 4.1.0)

URL <https://github.com/petzi53/qpost>,
<https://www.peter-baumgartner.net/qpost/>

BugReports <https://github.com/petzi53/qpost/issues>

Imports fs, glue, here, htmltools, lubridate, miniUI, purrr, readr,
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urltools, yesno, yaml

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Author Peter Baumgartner [aut, cre, cph] (ORCID:
<<https://orcid.org/0000-0003-4526-8791>>)

Maintainer Peter Baumgartner <petzi53@gmail.com>

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Contents

add_coins	2
qpost	3

add_coins	<i>Generate and append COinS metadata to a Quarto post</i>
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Description

Automatically extracts bibliographic metadata from a Quarto post's YAML front matter and injects it as a COinS (ContextObjects in Spans) metadata chunk. COinS enables bibliographic tools like Zotero to detect and import citation information from rendered HTML.

Usage

```
add_coins(file_path = NULL, backup = TRUE)
```

Arguments

file_path	Path to the .qmd file to process. If NULL (the default), the file is auto-detected as described in "Determining the Target File" below.
backup	Logical. Create a .bak backup before modifying the file (default TRUE). Recommended for peace of mind during development.

Details

Setup:

To use `add_coins()` effectively, configure your project's .Rprofile (at the same level as `_quarto.yml`) with:

```
options(
  qpost.lang      = "en",
  qpost.license = "CC BY 4.0"
)
```

Then restart your R session. These settings provide defaults for the `lang` and `license` fields, which can be overridden per-post.

Auto-resolution of Metadata Fields:

Four YAML fields are automatically resolved in this priority order:

1. Value in the document's YAML header (if present and non-empty)
2. Derived from `_quarto.yml` (`blog-title` and `url` only)
3. From .Rprofile options (`lang` and `license` only)
4. Omitted if not found anywhere

The required fields `title` and `date` must be present in the YAML header.

Generated Output:

The function appends a fenced R code cell (`{r}` block) with output rendered as a hidden `<span class="Z3988">` containing the COinS query string. This metadata is machine-readable but invisible in the browser. If a COinS chunk already exists (detected by the label `coins-code`), the user is prompted to confirm overwrite, and a .bak backup is created.

Determining the Target File:

file_path is resolved in this order:

1. The file_path argument, if supplied.
2. The active document in RStudio or Positron, via rstudioapi.
3. An interactive file picker (file.choose()) in other interactive R sessions (e.g. a plain R console).
4. Otherwise, the function stops with a message asking for file_path to be supplied directly.

Value

Invisibly returns the generated COinS chunk as a character string. Messages and the chunk code are printed to the console.

Examples

```
# Create a minimal Quarto project in a temporary directory
tmp <- tempdir()
writeLines(
  c("project:", "  type: website", "website:", "  title: My Blog",
    "  site-url: https://example.com"),
  file.path(tmp, "_quarto.yml")
)
post_file <- file.path(tmp, "index.qmd")
writeLines(
  c("---", "title: Test Post", "date: 2026-01-01", "---", "", "Content."),
  post_file
)
add_coins(file_path = post_file, backup = FALSE)

## Not run:
# From an RStudio or Positron editor with a .qmd file open:
add_coins()

# To skip backup:
add_coins(backup = FALSE)

# To process a file directly (no IDE required):
add_coins(file_path = "path/to/post.qmd")

## End(Not run)
```

Description

qpost() opens an interactive dialog for entering a post's title and other metadata, then scaffolds the corresponding blog post file.

Usage

```
qpost()
```

Details

`qpost()` requires a pane-capable IDE (RStudio or Positron) because it relies on **rstudioapi** to display the dialog and open the resulting file. It cannot be used in a plain R console or non-interactive script.

Value

Nothing. What matters are the side effects:

- create a folder named with the date followed by the kebab-case post title
- create an `index.qmd` file
- copy the (optional) image file into the folder
- populate the YAML front matter
- open the new file in RStudio or Positron for editing

Examples

```
qpost()
```

Index

add_coins, [2](#)

qpost, [3](#)