

# Test

## Table of contents

```
library(httr)
library(jsonlite)
library(dplyr)
```

Attache Paket: 'dplyr'

Die folgenden Objekte sind maskiert von 'package:stats':

filter, lag

Die folgenden Objekte sind maskiert von 'package:base':

intersect, setdiff, setequal, union

```
library(purrr)
```

Attache Paket: 'purrr'

Das folgende Objekt ist maskiert 'package:jsonlite':

flatten

```
library(openxlsx)
```

```
extract_textquote_prefix <- function(annotation_data) {  
  # Initialize a vector to store the extracted prefixes  
  prefixes <- vector("list", length(annotation_data$target))  
  
  # Loop through each row of the annotation data  
  for (i in seq_along(annotation_data$target)) {  
    # Extract the selectors for the current target  
    selectors <- annotation_data$target[[i]]$selector  
  
    # Filter for "TextQuoteSelector" and extract the prefix  
    if (!is.null(selectors)) {  
      prefixes[[i]] <- selectors[[1]] |>  
        dplyr::filter(type == "TextQuoteSelector") |>  
        dplyr::select(prefix) |>  
        dplyr::pull()  
    } else {  
      prefixes[[i]] <- NA # Handle cases where target/selector is missing  
    }  
  }  
  
  # Return a flattened vector or a list depending on requirements  
  annotation_data |>  
    dplyr::bind_cols(as.data.frame(purrr::flatten_chr(prefixes)) |>  
      rename(quote = "purrr::flatten_chr(prefixes)"))  
}
```

```
# List of URLs to loop over
```

```
urls <- c(  
  "https://research-it-swiss-tph.github.io/quarto_training/index.html",  
  "https://research-it-swiss-tph.github.io/quarto_training/notes/quarto_intro.html",  
  "https://research-it-swiss-tph.github.io/quarto_training/notes/notebook_structure.html",  
  "https://research-it-swiss-tph.github.io/quarto_training/notes/python_r_short_demo.html",  
  "https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise1_gettingsta",  
  "https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise2_gettingsta",  
  "https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise3.html",  
  "https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise3_instructio",  
  "https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise4_instructio",  
  "https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise5_instructio"
```

```

"https://research-it-swiss-tph.github.io/quarto_training/correction/exercice3_test.html"
"https://research-it-swiss-tph.github.io/quarto_training/correction/exercise3_correction
"https://research-it-swiss-tph.github.io/quarto_training/correction/exercise3_step_by_st
"https://research-it-swiss-tph.github.io/quarto_training/correction/exercise4_step_by_st
)

```

```

all_annotations <- tibble()
for (url in urls) {
  api_url <- paste0("https://api.hypothes.is/api/search?uri=", url)
  response <- GET(api_url)

  if (status_code(response) == 200) {
    annotations <- fromJSON(content(response, "text"))
    if (!is.null(annotations$rows)) {
      annotation_data <- extract_textquote_prefix(annotations$rows)
      all_annotations <- bind_rows(all_annotations, annotation_data)
    }
  } else {
    message(paste("Failed to fetch data for URL:", url))
  }
}

```

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```

all_annotations <- all_annotations |>
  as.data.frame() |>
  dplyr::select(created,

```

```

        text,
        quote,
        user,
        uri) |>
dplyr::rename(date = created,
              comment = text) |>
dplyr::mutate(date = as.Date(date),
              user = sub(".*:(.*)@.*", "\\1", user))
all_annotations

```

```

      date
1 2025-01-21
2 2025-01-23
3 2025-01-20
4 2025-01-17
5 2025-01-17
6 2025-01-17
7 2025-01-17
8 2025-01-17
9 2025-01-16
10 2025-01-21
11 2025-01-20
12 2025-01-20
13 2025-01-20
14 2025-01-17
15 2025-01-16
16 2025-01-17
17 2025-01-17
18 2025-01-17
19 2025-01-16
20 2025-01-23
21 2025-01-16

```

```

1
2
3
4
5
6
7
8
9

```

Some personal comment:\nFor me this can be a very important reason that I hesitate to use

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	quote	user
1	markdown text and code.\n\nHeader	hlanget
2	<NA>	hlanget
3	sing R\n\n\n\n\n\n\n\n\nIn this example,	zhuzh
4	diate files.\n\n6 Best practices\n\n	zhuzh
5	hon is now accessible in R. The	zhuzh
6	jects in R\n 6 Best practices\n	zhuzh
7	riables by defining them in the	zhuzh
8	Data/anaconda3/python.exe" with	zhuzh
9	section of an Quarto document.	zhuzh
10	tives\n\nOpen the Quarto document	hlanget
11	us exercise where you learnt to	zhuzh
12	r FormatsPDFOther Linksdf1.RData	zhuzh
13	f1.RDataaswisstph_template.docx	zhuzh
14	s\n\n\n\n\nAdd the bibliography file	zhuzh
15	te.docx Step-by-step correction	zhuzh
16	g command which needs to be run	zhuzh
17	using different parameters\n\n\n\n\n	zhuzh
18	PDFOther Linksdf1.RDataadf2.RData	zhuzh
19	e your report\n\n\n\n\n\n\nTip\n\n\n\n\nSee	zhuzh
20	<NA>	zhuzh
21	and results\n \nOther FormatsPDF	zhuzh

1                   [https://research-it-swiss-tph.github.io/quarto\\_training/notes/notebook](https://research-it-swiss-tph.github.io/quarto_training/notes/notebook)  
2                   [https://research-it-swiss-tph.github.io/quarto\\_training/notes/python\\_r](https://research-it-swiss-tph.github.io/quarto_training/notes/python_r)  
3                   [https://research-it-swiss-tph.github.io/quarto\\_training/notes/python\\_r](https://research-it-swiss-tph.github.io/quarto_training/notes/python_r)  
4                   [https://research-it-swiss-tph.github.io/quarto\\_training/notes/python\\_r](https://research-it-swiss-tph.github.io/quarto_training/notes/python_r)  
5                   [https://research-it-swiss-tph.github.io/quarto\\_training/notes/python\\_r](https://research-it-swiss-tph.github.io/quarto_training/notes/python_r)  
6                   [https://research-it-swiss-tph.github.io/quarto\\_training/notes/python\\_r](https://research-it-swiss-tph.github.io/quarto_training/notes/python_r)  
7                   [https://research-it-swiss-tph.github.io/quarto\\_training/notes/python\\_r](https://research-it-swiss-tph.github.io/quarto_training/notes/python_r)  
8                   [https://research-it-swiss-tph.github.io/quarto\\_training/notes/python\\_r](https://research-it-swiss-tph.github.io/quarto_training/notes/python_r)

```
9      https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise1_gett
10      https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise4_in
11      https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise4_in
12      https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise4_in
13      https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise4_in
14      https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise4_in
15      https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise4_in
16      https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise5_in
17      https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise5_in
18      https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise5_in
19      https://research-it-swiss-tph.github.io/quarto_training/practicals/exercise5_in
20 https://research-it-swiss-tph.github.io/quarto_training/correction/exercise3_step_by_step
21 https://research-it-swiss-tph.github.io/quarto_training/correction/exercise3_step_by_step
```

```
# Write the annotation data to a CSV file
openxlsx::write.xlsx(all_annotations, 'annotations.xlsx')

# Print a message to indicate completion
cat("Annotations have been saved to 'annotations.csv'.")
```

Annotations have been saved to 'annotations.csv'.