

Package ‘leanpubr’

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Title 'Leanpub' API Interface

Description Provides access to the 'Leanpub' API
<<https://leanpub.com/help/api>> for gathering information about
publications and submissions to the 'Leanpub' platform.

License GPL-3

Imports httr, xml2, jsonlite, assertthat

Suggests knitr, rmarkdown, covr, testthat

Encoding UTF-8

ByteCompile true

Type Package

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VignetteBuilder knitr

URL <https://github.com/muschellij2/leanpubr>

BugReports <https://github.com/muschellij2/leanpubr/issues>

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lp_api_key	<i>Find API Key for Leanpub</i>
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Description

Determines if Leanpub API Key is set. If not, it stops and returns an error. If so, returns the value.

Usage

```
lp_api_key(api_key = NULL, error = TRUE)

lp_have_api_key(api_key = NULL)
```

Arguments

api_key	Leanpub API key (Sys.getenv('LEANPUB_API_KEY'))
error	Should the function error if api_key = NULL?

Value

Character API key

Note

You can either set the API key or have it accessible by `api_key = Sys.getenv('LEANPUB_API_KEY')`.

Examples

```
res = lp_api_key(error = FALSE)
lp_have_api_key()
```

lp_base_url	<i>Leanpub Base URL</i>
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Description

Leanpub Base URL

Usage

```
lp_base_url(secure = TRUE)
```

Arguments

secure	Should https be used (may be necessary)
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Value

Character vector (length 1) of URL

Examples

```
lp_base_url()
```

lp_book_info	<i>Leanpub Book Information</i>
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Description

Leanpub Book Information

Usage

```
lp_book_info(slug, api_key = NULL, secure = TRUE, verbose = TRUE, ...)
```

```
lp_summary(slug, api_key = NULL, secure = TRUE, verbose = TRUE, ...)
```

Arguments

slug	slug of the project
api_key	API key for Leanpub, passed to lp_api_key
secure	passed to lp_base_url for https
verbose	print diagnostic messages
...	additional options to pass to GET

Value

List of the result of the [GET](#) call and the content

Note

See <https://leanpub.com/help/api>

Examples

```
if (lp_have_api_key()) {  
  stat = lp_book_info(slug = "modernscientist")  
}
```

lp_coupons

Leanpub Coupons

Description

Leanpub Coupons

Usage

```
lp_coupons(slug, api_key = NULL, secure = TRUE, verbose = TRUE, ...)
```

Arguments

slug	slug of the project
api_key	API key for Leanpub, passed to lp_api_key
secure	passed to lp_base_url for https
verbose	print diagnostic messages
...	additional options to pass to GET

Value

List of the result of the [GET](#) call and the content

Note

See <https://leanpub.com/help/api>

lp_download

*Leanpub Download Latest Version***Description**

Leanpub Download Latest Version

Usage

```
lp_download(  
  slug,  
  format = c("pdf", "epub"),  
  api_key = NULL,  
  secure = TRUE,  
  verbose = TRUE,  
  ...  
)
```

Arguments

slug	slug of the project
format	format of the book to download
api_key	API key for Leanpub, passed to lp_api_key
secure	passed to lp_base_url for https
verbose	print diagnostic messages
...	additional options to pass to GET

Value

List of the result of the [GET](#) call and the content

Note

See <https://leanpub.com/help/api>

Examples

```
if (lp_have_api_key()) {  
  slug = "biostatmethods"  
  res = lp_download(slug, verbose = FALSE, nonstop = TRUE, error = FALSE,  
    format = "epub")  
  file.exists(res)  
}
```

`lp_get_wrapper`*Leanpub Wrapper for GET/POST statements*

Description

Leanpub Wrapper for GET/POST statements

Usage

```
lp_get_wrapper(  
    slug,  
    endpoint,  
    api_key = NULL,  
    secure = TRUE,  
    verbose = TRUE,  
    ...  
)
```

```
lp_post_wrapper(  
    slug,  
    endpoint,  
    api_key = NULL,  
    secure = TRUE,  
    verbose = TRUE,  
    ...  
)
```

Arguments

<code>slug</code>	slug of the project
<code>endpoint</code>	call to the api endpoint
<code>api_key</code>	API key for Leanpub, passed to lp_api_key
<code>secure</code>	passed to lp_base_url for https
<code>verbose</code>	print diagnostic messages
<code>...</code>	additional options to pass to GET

Value

List of the result of the [GET](#) call and the content

Note

See <https://leanpub.com/help/api>

Examples

```
if (lp_have_api_key()) {  
  stat = lp_get_wrapper(slug = "neuroimagingforstatisticians",  
    endpoint = "/job_status", nonstop = TRUE, error = FALSE)  
}
```

lp_job_status

Leanpub Job Status

Description

Leanpub Job Status

Usage

```
lp_job_status(slug, api_key = NULL, secure = TRUE, verbose = TRUE, ...)
```

Arguments

slug	slug of the project
api_key	API key for Leanpub, passed to lp_api_key
secure	passed to lp_base_url for https
verbose	print diagnostic messages
...	additional options to pass to GET

Value

List of the result of the [GET](#) call and the content

Note

See <https://leanpub.com/help/api>

Examples

```
if (lp_have_api_key()) {  
  stat = lp_job_status(slug = "neuroimagingforstatisticians",  
    nonstop = TRUE, error = FALSE)  
}
```

`lp_links`*Leanpub Links*

Description

Leanpub Links

Usage

```
lp_links(slug, api_key = NULL, secure = TRUE, verbose = TRUE, ...)
```

Arguments

<code>slug</code>	slug of the project
<code>api_key</code>	API key for Leanpub, passed to lp_api_key
<code>secure</code>	passed to lp_base_url for https
<code>verbose</code>	print diagnostic messages
<code>...</code>	additional options to pass to GET

Value

List of URLs

Note

See <https://leanpub.com/help/api>

Examples

```
if (lp_have_api_key()) {  
  slug = "biostatmethods"  
  res = lp_links(slug, nonstop = TRUE, error = FALSE)  
}
```

`lp_preview`*Leanpub Preview*

Description

Leanpub Preview

Usage

```
lp_preview(slug, api_key = NULL, secure = TRUE, verbose = TRUE, ...)
```

Arguments

slug	slug of the project
api_key	API key for Leanpub, passed to lp_api_key
secure	passed to lp_base_url for https
verbose	print diagnostic messages
...	additional options to pass to GET

Value

List of the result of the [GET](#) call and the content

Note

See <https://leanpub.com/help/api>

Examples

```
## Not run:
if (lp_have_api_key()) {
  slug = "neuroimagingforstatisticians"
  res = lp_preview(slug, nonstop = FALSE, error = FALSE)
}

## End(Not run)
```

lp_publish

Leanpub Publish

Description

Leanpub Publish

Usage

```
lp_publish(slug, api_key = NULL, secure = TRUE, verbose = TRUE, ...)
```

Arguments

slug	slug of the project
api_key	API key for Leanpub, passed to lp_api_key
secure	passed to lp_base_url for https
verbose	print diagnostic messages
...	additional options to pass to GET

Value

List of the result of the [GET](#) call and the content

Note

See <https://leanpub.com/help/api>

Examples

```
if (lp_have_api_key()) {
  slug = "neuroimagingforstatisticians"
  res = lp_publish(slug, nonstop = TRUE, error = FALSE)
}
```

lp_quiz_responses	<i>Leanpub Quiz Responses for a Course</i>
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Description

Leanpub Quiz Responses for a Course

Usage

```
lp_quiz_responses(
  slug,
  anonymized_id = NULL,
  body = list(),
  api_key = NULL,
  secure = TRUE,
  verbose = TRUE,
  query = list(),
  ...
)
```

Arguments

slug	slug of the project
anonymized_id	Anonymized ID for a single user. For a single user's CSV, you will get the JSON response immediately.
body	body sent to POST
api_key	API key for Leanpub, passed to lp_api_key
secure	passed to lp_base_url for https
verbose	print diagnostic messages
query	query information to send to POST
...	additional options to pass to GET

Value

List of the result of the [POST](#) call and the content

Note

See Author -> Courses -> Course Name -> Quiz Responses on Leanpub

Examples

```
## Not run:
if (lp_have_api_key()) {
  slug = "muschellitestcourse"
  res = lp_quiz_responses(slug, error = FALSE, verbose = 2)
}

## End(Not run)
```

lp_sales

Leanpub Sales Information

Description

Leanpub Sales Information

Usage

```
lp_sales(slug, api_key = NULL, secure = TRUE, verbose = TRUE, ...)

lp_all_sales(
  slug,
  api_key = NULL,
  secure = TRUE,
  verbose = TRUE,
  page = NULL,
  ...
)

lp_next_url(result)

lp_next(result, ...)
```

Arguments

slug	slug of the project
api_key	API key for Leanpub, passed to lp_api_key
secure	passed to lp_base_url for https
verbose	print diagnostic messages

...	additional options to pass to GET
page	page to extract for sales
result	an object of class 'lp_results', which must have a 'response' slot in a list

Value

List of the result of the [GET](#) call and the content

Note

See <https://leanpub.com/help/api>

Examples

```
## Not run:
if (lp_have_api_key()) {
  res1 = lp_all_sales(slug = "biostatmethods")
  nurl = lp_next_url(res1)
  res_next = lp_next(res1)
}

## End(Not run)
```

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