

Package: pocketapi (via r-universe)

August 26, 2024

Title Wrapper Around the 'Pocket' API

Version 0.1

Description Functions that interface with the 'Pocket' API (<<https://getpocket.com/developer/>>). Allows the user to get, add, and modify items in their own 'Pocket' account.

Depends R (>= 3.5.0)

Imports httr, purrr, tibble, dplyr, glue, jsonlite, magrittr, usethis

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Encoding UTF-8

LazyData true

BugReports <https://github.com/CorrelAid/pocketapi//issues>

URL <https://github.com/CorrelAid/pocketapi/>

RoxygenNote 7.1.1

Suggests testthat, mockery, covr, httpptest, knitr, rmarkdown, ggplot2

VignetteBuilder knitr

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

RemoteUrl <https://github.com/correlaid/pocketapi>

RemoteRef HEAD

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create_authorize_url	<i>create_authorize_url</i>
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Description

Creates the URL the user needs to enter into her browser in order to authorize the Pocket application/the request token.

Usage

```
create_authorize_url(request_token)
```

Arguments

request_token Character string. Pocket request token generated by the function [get_request_token](#).

Details

See the [GitHub README](#) for details on Authentication.

Value

Character string. The URL for authorizing the Pocket application for which the request token was requested. This is what you enter into your browser.

See Also

Other authentication functions: [get_access_token\(\)](#), [get_request_token\(\)](#)

get_access_token	<i>get_access_token</i>
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Description

Creates the URL the user needs to enter into her browser in order to authorize the Pocket application/the request token.

Usage

```
get_access_token(consumer_key, request_token)
```

Arguments

- consumer_key Character string. Here goes your Pocket consumer key.
- request_token Character string. Pocket request token generated by [get_request_token](#).

Details

See the [GitHub README](#) for details on Authentication.

Value

Character string. Returns the access token.

See Also

Other authentication functions: [create_authorize_url\(\)](#), [get_request_token\(\)](#)

`get_request_token` *get_request_token*

Description

Requests a request_token for the Pocket application with a given consumer key from the Pocket Authentication API. The request token can then be used in [create_authorize_url](#) and [get_access_token](#).

Usage

```
get_request_token(consumer_key)
```

Arguments

- consumer_key Character string. Here goes your Pocket consumer key.

Details

See the [GitHub README](#) for details on Authentication.

Value

Character string. Request token for the Pocket Application corresponding to your consumer_key.

See Also

Other authentication functions: [create_authorize_url\(\)](#), [get_access_token\(\)](#)

pocket_add

pocket_add

Description

Add one or more items to your Pocket account.

Usage

```
pocket_add(
  add_urls,
  item_ids = "",
  tags = NULL,
  success = TRUE,
  consumer_key = Sys.getenv("POCKET_CONSUMER_KEY"),
  access_token = Sys.getenv("POCKET_ACCESS_TOKEN")
)
```

Arguments

<code>add_urls</code>	Character vector. The URL or URLs you want to add to your Pocket list.
<code>item_ids</code>	Character vector. The <code>item_ids</code> of the items you want to add. Defaults to empty character vector.
<code>tags</code>	Character vector. One or more tags to be applied to all of the newly added URLs. Defaults to <code>NULL</code> .
<code>success</code>	Logical. Enables success/failure messages for every URL. Defaults to <code>TRUE</code> . Needs <code>GET</code> permission if <code>TRUE</code> .
<code>consumer_key</code>	Character string. Your Pocket consumer key. Defaults to <code>Sys.getenv("POCKET_CONSUMER_KEY")</code> .
<code>access_token</code>	Character string. Your Pocket request token. Defaults to <code>Sys.getenv("POCKET_ACCESS_TOKEN")</code> .

Details

This function uses the `modify` endpoint of the Pocket API which exhibits some weird behaviour. For example, even if a ‘modify’ action is not successful, the API will still return "success". See [issue #26](https://github.com/CorrelAid/pocketapi/issues/26) for a discussion.

Value

the response from the `httr` call, invisibly

pocket_archive	<i>pocket_archive</i>
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Description

archive items from your Pocket list.

Usage

```
pocket_archive(  
  item_ids,  
  consumer_key = Sys.getenv("POCKET_CONSUMER_KEY"),  
  access_token = Sys.getenv("POCKET_ACCESS_TOKEN")  
)
```

Arguments

<code>item_ids</code>	character vector. Pocket item ids you want to archive.
<code>consumer_key</code>	character. Your Pocket consumer key. Defaults to <code>Sys.getenv("POCKET_CONSUMER_KEY")</code> .
<code>access_token</code>	character. Your Pocket request token. Defaults to <code>Sys.getenv("POCKET_ACCESS_TOKEN")</code> .

Details

This function uses the `modify` endpoint of the Pocket API which exhibits some weird behaviour. For example, even if a ‘`modify`’ action is not successful, the API will still return "success". See [issue [#26]](<https://github.com/CorrelAid/pocketapi/issues/26>) for a discussion.

Value

Invisibly returns a list containing information on whether the action failed or succeeded, including the respective item ID.

pocket_delete	<i>pocket_delete</i>
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Description

delete items from your Pocket list.

Usage

```
pocket_delete(  
  item_ids,  
  consumer_key = Sys.getenv("POCKET_CONSUMER_KEY"),  
  access_token = Sys.getenv("POCKET_ACCESS_TOKEN")  
)
```

Arguments

`item_ids` character vector. Pocket item ids you want to delete from your list.
`consumer_key` character. Your Pocket consumer key. Defaults to `Sys.getenv("POCKET_CONSUMER_KEY")`.
`access_token` character. Your Pocket request token. Defaults to `Sys.getenv("POCKET_ACCESS_TOKEN")`.

Details

This function uses the `modify` endpoint of the Pocket API which exhibits some weird behaviour. For example, even if a ‘`modify`’ action is not successful, the API will still return "success". See [issue #26](https://github.com/CorrelAid/pocketapi/issues/26) for a discussion.

Value

Invisibly returns a list containing information on whether the action failed or succeeded, including the respective item ID.

<code>pocket_favorite</code>	<i>pocket_favorite</i>
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Description

favorite items from your Pocket list.

Usage

```
pocket_favorite(  
  item_ids,  
  consumer_key = Sys.getenv("POCKET_CONSUMER_KEY"),  
  access_token = Sys.getenv("POCKET_ACCESS_TOKEN")  
)
```

Arguments

`item_ids` character vector. Pocket item ids you want to favorite
`consumer_key` character. Your Pocket consumer key. Defaults to `Sys.getenv("POCKET_CONSUMER_KEY")`.
`access_token` character. Your Pocket request token. Defaults to `Sys.getenv("POCKET_ACCESS_TOKEN")`.

Details

This function uses the `modify` endpoint of the Pocket API which exhibits some weird behaviour. For example, even if a ‘`modify`’ action is not successful, the API will still return "success". See [issue #26](https://github.com/CorrelAid/pocketapi/issues/26) for a discussion.

Value

Invisibly returns a list containing information on whether the action failed or succeeded, including the respective item ID.

pocket_get

pocket_get

Description

Get a data frame with your pocket data.

Usage

```
pocket_get(  
  favorite = NULL,  
  item_type = NULL,  
  tag = NULL,  
  state = "all",  
  consumer_key = Sys.getenv("POCKET_CONSUMER_KEY"),  
  access_token = Sys.getenv("POCKET_ACCESS_TOKEN")  
)
```

Arguments

favorite	boolean. Default NULL. Allows to filter for favorited items. If TRUE, only favorited items will be returned. If FALSE, only un-favorited items will be returned.
item_type	character. Default NULL. Allows to filter for content type of items. Valid values are: "image", "article", "video". Please note that there might be Pocket items that do not belong to any of those types. The Pocket API documentation only mentions those three.
tag	character. Default NULL. Only one tag can be filtered at a time. Set to <code>'_untagged_'</code> if you only want to get untagged items.
state	character. Default "all". Allows to filter on unread/archived items or return all. Valid values are "unread", "archive", "all".
consumer_key	character. Your Pocket consumer key. Defaults to <code>Sys.getenv("POCKET_CONSUMER_KEY")</code> .
access_token	character. Your Pocket request token. Defaults to <code>Sys.getenv("POCKET_ACCESS_TOKEN")</code> .

Details

See <https://getpocket.com/developer/docs/v3/retrieve> for the meaning of certain variable values.

Value

tibble. Tibble with one row for each Pocket item.

pocket_modify *pocket_modify*

Description

Function that sends a request with a list of actions to the 'modify' Pocket API endpoint.

Usage

```
pocket_modify(
    actions,
    consumer_key = Sys.getenv("POCKET_CONSUMER_KEY"),
    access_token = Sys.getenv("POCKET_ACCESS_TOKEN")
)
```

Arguments

actions List. List of lists where each element is an action object. See <https://getpocket.com/developer/docs/v3/mod>

consumer_key Character string. Your Pocket consumer key. Defaults to `Sys.getenv("POCKET_CONSUMER_KEY")`.

access_token Character string. Your Pocket request token. Defaults to `Sys.getenv("POCKET_ACCESS_TOKEN")`.

Details

see <https://getpocket.com/developer/docs/v3/modify>. This function uses the `modify` endpoint of the Pocket API which exhibits some weird behaviour. For example, even if a 'modify' action is not successful, the API will still return "success". See [issue [#26]](<https://github.com/CorrelAid/pocketapi/issues/26>) for a discussion.

pocket_tag *pocket_tag*

Description

modify the tags of the items in pocket.

Usage

```
pocket_tag(
    action_name = c("tags_replace", "tags_remove", "tags_add", "tags_clear",
        "tag_rename", "tag_delete"),
    item_ids = NULL,
    tags = NULL,
    consumer_key = Sys.getenv("POCKET_CONSUMER_KEY"),
    access_token = Sys.getenv("POCKET_ACCESS_TOKEN")
)
```

Arguments

<code>action_name</code>	character vector. The kind of tag action you want to undertake. Possible values: 'tags_add', 'tags_remove', 'tags_replace', 'tags_clear', 'tag_rename', or 'tag_delete'.
<code>item_ids</code>	character vector. Pocket item ids you want to modify the tags for.
<code>tags</code>	character vector. The names of the tags to work with the chosen action.
<code>consumer_key</code>	character. Your Pocket consumer key. Defaults to <code>Sys.getenv("POCKET_CONSUMER_KEY")</code> .
<code>access_token</code>	character. Your Pocket request token. Defaults to <code>Sys.getenv("POCKET_ACCESS_TOKEN")</code> .

Details

This function uses the `modify` endpoint of the Pocket API which exhibits some weird behaviour. For example, even if a 'modify' action is not successful, the API will still return "success". See [issue #26](<https://github.com/CorrelAid/pocketapi/issues/26>) for a discussion.

`pocket_unfavorite` *pocket_unfavorite*

Description

Unfavorite items from your Pocket list.

Usage

```
pocket_unfavorite(
  item_ids,
  consumer_key = Sys.getenv("POCKET_CONSUMER_KEY"),
  access_token = Sys.getenv("POCKET_ACCESS_TOKEN")
)
```

Arguments

<code>item_ids</code>	Character vector. Pocket item IDs you want to unfavorite. Get them, e.g., via <code>pocket_get</code> .
<code>consumer_key</code>	character. Your Pocket consumer key. Defaults to <code>Sys.getenv("POCKET_CONSUMER_KEY")</code> .
<code>access_token</code>	character. Your Pocket request token. Defaults to <code>Sys.getenv("POCKET_ACCESS_TOKEN")</code> .

Details

This function uses the `modify` endpoint of the Pocket API which exhibits some weird behaviour. For example, even if a 'modify' action is not successful, the API will still return "success". See [issue #26](<https://github.com/CorrelAid/pocketapi/issues/26>) for a discussion.

Value

Invisibly returns a list containing information on whether the action failed or succeeded, including the respective item ID.

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