Package 'shutterstock'

February 3, 2019

Version 0.1.0

Title Access 'Shutterstock' REST API

Description Access 'Shutterstock' API from R. The 'Shutterstock' API presents
access to search, view, license and download the media and information
from the 'Shutterstock's library <https://api-reference.shutterstock.com/>.

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URL <https://github.com/strboul/shutterstock-r>

BugReports <https://github.com/strboul/shutterstock-r/issues>

Depends R (>= 3.4.0)

Imports httr, jsonlite, utils

Suggests testthat, httptest, knitr, rmarkdown

LazyData true

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VignetteBuilder knitr

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Repository CRAN

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R topics documented:

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getAudioCollections   *Get the details of audio collections*

Description

Get the details of audio collections

Usage

```
getAudioCollections(id, ...)
```

Arguments

id	character. Collection ID. (required)
...	arguments to be passed by the source endpoint parameters.

Source

"/audio/collections/{id}"

Examples

```
## Not run:
getAudioCollections(id = "48433107")

## End(Not run)
```

---

getAudioCollectionsContent
Get the contents of audio collections

Description

Get the contents of audio collections

Usage

```
getAudioCollectionsContent(id, ...)
```

Arguments

id	character. Collection ID. (required)
...	arguments to be passed by the source endpoint parameters.

Source

"/audio/collections/{id}/items"

Examples

```
## Not run:
getAudioCollectionsContent(id = "48433113")

## End(Not run)
```

---

getAudioDetails   *Get the details of image collections*

Description

Get the details of image collections

Usage

```
getAudioDetails(id, ...)
```

Arguments

id	character. Audio track ID. (required)
...	arguments to be passed by the source endpoint parameters.

Source

"/audio/{id}"

Examples

```
## Not run:
getAudioDetails(id = "442583")

## End(Not run)
```

getContributorCollectionsDetails

Get details about contributors' collections

Description

Get details about contributors' collections

Usage

```
getContributorCollectionsDetails(contributor_id, id, ...)
```

Arguments

contributor_id	character. Contributor ID. (required)
id	character. Collection ID. (required)
...	arguments to be passed by the source endpoint parameters.

Source

"/contributors/{contributor_id}/collections{id}"

Examples

```
## Not run:
getContributorCollectionsDetails(contributor_id = "800506", id = "1991678")

## End(Not run)
```

getContributorCollectionsDetailsItems

Get the items in contributors' collections

Description

Get the items in contributors' collections

Usage

```
getContributorCollectionsDetailsItems(contributor_id, id, ...)
```

Arguments

contributor_id	character. Contributor ID. (required)
id	character. Collection ID. (required)
...	arguments to be passed by the source endpoint parameters.

Source

"/contributors/{contributor_id}/collections{id}/items"

Examples

```
## Not run:
getContributorCollectionsDetailsItems(contributor_id = "800506", id = "1991678", sort = "newest")

## End(Not run)
```

---

getContributorDetails *Get details about contributors*

Description

Get details about contributors

Usage

```
getContributorDetails(id, ...)
```

Arguments

id	character. Contributor ID. (required)
...	arguments to be passed by the source endpoint parameters.

Source

"/contributors"

Examples

```
## Not run:
getContributorDetails(id = c("800506", "1653538"))

## End(Not run)
```

---

getEditorialDetails   *Get details about editorial content*

Description

Get details about editorial content

Usage

```
getEditorialDetails(id, ...)
```

Arguments

id	character. Editorial ID.
...	arguments to be passed by the source endpoint parameters.

Source

"/editorial/{id}"

Examples

```
## Not run:
getEditorialDetails(id = "9926131a")

## End(Not run)
```

---

getEditorialLivefeed   *Get editorial livefeed*

Description

Get editorial livefeed

Usage

```
getEditorialLivefeed(id, ...)
```

Arguments

id	character. Editorial livefeed ID (in URI encoded string form).
...	arguments to be passed by the source endpoint parameters.

Source

"/editorial/livefeeds/{id}"

Examples

```
## Not run:
getEditorialLivefeed(
id = "2018%2F10%2F15%2FWomen%20of%20the%20Year%20Lunch%20%26%20Awards%2C%20London", country = "USA"
)

## End(Not run)
```

```
getEditorialLivefeedItems
```
Get editorial livefeed items

Description

Get editorial livefeed items

Usage

```
getEditorialLivefeedItems(id, ...)
```

Arguments

id	character. Editorial livefeed ID (in URI encoded string form).
...	arguments to be passed by the source endpoint parameters.

Source

"/editorial/livefeeds/{id}/items"

Examples

```
## Not run:
getEditorialLivefeedItems(
id = "2018%2F10%2F15%2FWomen%20of%20the%20Year%20Lunch%20%26%20Awards%2C%20London",
country = "USA"
)

## End(Not run)
```

```
getEditorialLivefeedList
```
Get editorial livefeed list

Description

Get editorial livefeed list

Usage

```
getEditorialLivefeedList(...)
```

Arguments

...   arguments to be passed by the source endpoint parameters.

Source

"/editorial/livefeeds"

Examples

```
## Not run:
getEditorialLivefeedList(country = "TR")

## End(Not run)
```

```
getFeaturedCollections
```
Get the details of featured collections

Description

Giving more detailed information about a featured collection such as its cover image, creation and most recent update time.

Usage

```
getFeaturedCollections(id, ...)
```

Arguments

id   character. Collection ID. (required)

...   arguments to be passed by the source endpoint parameters.

Source

"/images/collections/featured/{id}"

Examples

```
## Not run:
getFeaturedCollections(id = "136351027")

## End(Not run)
```

---

getFeaturedCollectionsItems
Get the contents of featured collections

Description

Listing the image IDs and date when added to a featured collection.

Usage

```
getFeaturedCollectionsItems(id, ...)
```

Arguments

id   character. Collection ID. (required)

...   arguments to be passed by the source endpoint parameters.

Source

"/images/collections/featured/{id}/items"

Examples

```
## Not run:
getFeaturedCollectionsItems(id = "136351027")

## End(Not run)
```

---

getImageCollections *Get the details of image collections*

Description

Giving more detailed information about a collection such as its cover image, creation and most recent update time.

Usage

```
getImageCollections(id, ...)
```

Arguments

id	character. Collection ID. (required)
...	arguments to be passed by the source endpoint parameters.

Source

"/images/collections/{id}"

Examples

```
## Not run:
# enter an id from the collections you own:
getImageCollections(id = "139149928")

## End(Not run)
```

---

getImageCollectionsDetails

Get the details of image collections

Description

Listing the image IDs and date when added to a collection.

Usage

```
getImageCollectionsDetails(id, ...)
```

Arguments

id	character. Collection ID. (required)
...	arguments to be passed by the source endpoint parameters.

Source

"/images/collections/{id}/items"

Examples

```
## Not run:
getImageCollectionsDetails(id = "139149928")

## End(Not run)
```

---

getImageDetails *Get details about images*

Description

Showing information about an image, including its URL and preview image and the sizes that it is available in.

Usage

```
getImageDetails(id, ...)
```

Arguments

id   character. Image ID. (required)

...   arguments to be passed by the source endpoint parameters.

Source

"/images/{id}"

Examples

```
## Not run:
getImageDetails(id = "620154782")

## End(Not run)
```

---

getUserDetails *Get user details*

Description

Get user details

Usage

```
getUserDetails(...)
```

Arguments

...	arguments to be passed by the source endpoint parameters.

Source

"/user"

Examples

```
## Not run:
getUserDetails()

## End(Not run)
```

---

getVideoCollections *Get the details of video collections*

Description

Get the details of video collections

Usage

```
getVideoCollections(id, ...)
```

Arguments

id	character. Collection ID. (required)
...	arguments to be passed by the source endpoint parameters.

Source

"/videos/collections/{id}"

Examples

```
## Not run:
# enter an id from the collections you own:
getVideoCollections(id = "17555176")

## End(Not run)
```

---

getVideoCollectionsContent

Get the contents of video collections

Description

Get the contents of video collections

Usage

```
getVideoCollectionsContent(id, ...)
```

Arguments

id   character. Collection ID. (required)

...   arguments to be passed by the source endpoint parameters.

Source

"/videos/collections/{id}/items"

Examples

```
## Not run:
# enter an id from the collections you own:
getVideoCollectionsContent(id = "139149928")

## End(Not run)
```

`getVideoDetails`   *Get details about videos*

Description

Get details about videos

Usage

```
getVideoDetails(id, ...)
```

Arguments

id	character. One or more Video IDs.
...	arguments to be passed by the source endpoint parameters.

Source

"/videos/{id}"

Examples

```
## Not run:
# get details of a single video:
getVideoDetails(id = "18002566")

# multiple videos by lapply:
lapply(c("18002566", "17139196"), function(v) getVideoDetails(id = v))

# get multiple videos by for loop:
videos <- list()
for (v in c("18002566", "17139196")) {
videos[[v]] <- getVideoDetails(id = v)
}

## End(Not run)
```

`listAudioCollections`   *List audio collections*

Description

List audio collections

Usage

```
listAudioCollections(...)
```

Arguments

... arguments to be passed by the source endpoint parameters.

Source

"/audio/collections"

Examples

```
## Not run:
listAudioCollections()

## End(Not run)
```

---

listAudioLicenses *List audio licenses*

Description

List audio licenses

Usage

```
listAudioLicenses(...)
```

Arguments

... arguments to be passed by the source endpoint parameters.

Source

"/audio/licenses"

Examples

```
## Not run:
listAudioLicenses()
listAudioLicenses(audio_id = 442583)

## End(Not run)
```

---

listAudioTracks *List audio tracks*

Description

List audio tracks

Usage

```
listAudioTracks(id, ...)
```

Arguments

id	character. One or more Audio IDs.
...	arguments to be passed by the source endpoint parameters.

Source

"/audio"

Examples

```
## Not run:
listAudioTracks(id = "442583")
listAudioTracks(id = c("442583", "434750"))

## End(Not run)
```

---

listContributorCollections
List contributors' collections

Description

List contributors' collections

Usage

```
listContributorCollections(contributor_id, ...)
```

Arguments

contributor_id	character. Contributor ID. (required)
...	arguments to be passed by the source endpoint parameters.

Source

"/contributors/{contributor_id}/collections"

Examples

```
## Not run:
listContributorCollections(contributor_id = "800506", sort = "newest")

## End(Not run)
```

---

listFeaturedCollections

List featured collections

Description

Listing featured collections based on their types.

Usage

```
listFeaturedCollections(...)
```

Arguments

...   arguments to be passed by the source endpoint parameters.

Source

"/images/collections/featured/"

Examples

```
## Not run:
listFeaturedCollections()
listFeaturedCollections(type = "photo")

## End(Not run)
```

---

listImageCategories *List image categories*

Description

Listing the categories (Shutterstock-assigned genres) that images can belong to.

Usage

```
listImageCategories(...)
```

Arguments

...	arguments to be passed by the source endpoint parameters.

Source

"/images/categories"

Examples

```
## Not run:
listImageCategories()

## End(Not run)
```

---

listImageCollections *List image collections*

Description

Listing your collections of images and their basic attributes.

Usage

```
listImageCollections(...)
```

Arguments

...	arguments to be passed by the source endpoint parameters.

Source

"/images/collections/"

Examples

```
## Not run:
listImageCollections()

## End(Not run)
```

---

listImageLicenses   *List image licenses*

Description

Listing your existing licenses.

Usage

```
listImageLicenses(...)
```

Arguments

...   arguments to be passed by the source endpoint parameters.

Source

"/images/licenses"

Examples

```
## Not run:
listImageLicenses(image_id = "620154782")

## End(Not run)
```

---

listImages   *List images*

Description

Listing information about one or more images, including the available sizes.

Usage

```
listImages(id, ...)
```

Arguments

id   character. One or more Image IDs.

...   arguments to be passed by the source endpoint parameters.

Source

"/images/"

Examples

```
## Not run:
listImages(id = c("620154782", "620154770"), view = "minimal")

## End(Not run)
```

---

listRecommendedImages *List recommended images*

Description

Returning images that customers put in the same collection as the specified image IDs.

Usage

```
listRecommendedImages(id, ...)
```

Arguments

id	character. One or more Image IDs.
...	arguments to be passed by the source endpoint parameters.

Source

"/images/recommendations"

Examples

```
## Not run:
listRecommendedImages(id = "620154782")
listRecommendedImages(id = c("620154782", "620154770"), max_items = 5)

## End(Not run)
```

---

listSimilarImages *List similar images*

Description

Returning the images that are visually similar to an image that you specify.

Usage

```
listSimilarImages(id, ...)
```

Arguments

id   character. Image ID. (required)

...   arguments to be passed by the source endpoint parameters.

Source

"/images/{id}/similar"

Examples

```
## Not run:
listSimilarImages(id = "620154782")

## End(Not run)
```

---

listSimilarVideos *List similar videos*

Description

List similar videos

Usage

```
listSimilarVideos(id, ...)
```

Arguments

id   character. Video ID. (required)

...   arguments to be passed by the source endpoint parameters.

Source

"/videos/{id}/similar"

Examples

```
## Not run:
listSimilarVideos(id = "2140697")

## End(Not run)
```

`listUserSubscriptions` *List user subscriptions*

Description

List user subscriptions

Usage

```
listUserSubscriptions(...)
```

Arguments

...	arguments to be passed by the source endpoint parameters.

Source

"/user/subscriptions"

Examples

```
## Not run:
listUserSubscriptions()

## End(Not run)
```

`listVideoCategories` *List video categories*

Description

List video categories

Usage

```
listVideoCategories(...)
```

Arguments

...	arguments to be passed by the source endpoint parameters.

Source

"/videos/categories"

Examples

```
## Not run:
listVideoCategories()

## End(Not run)
```

---

listVideoCollections   *List video collections*

Description

List video collections

Usage

```
listVideoCollections(...)
```

Arguments

...   arguments to be passed by the source endpoint parameters.

Source

"/videos/collections/"

Examples

```
## Not run:
listVideoCollections()

## End(Not run)
```

---

listVideoLicenses   *List video licenses*

Description

List video licenses

Usage

```
listVideoLicenses(...)
```

Arguments

...	arguments to be passed by the source endpoint parameters.

Source

"/videos/licenses"

Examples

```
## Not run:
listVideoLicenses(video_id = "2140697")

## End(Not run)
```

---

listVideos   *List videos*

Description

List videos

Usage

```
listVideos(id, ...)
```

Arguments

id	character. One or more Video IDs.
...	arguments to be passed by the source endpoint parameters.

Source

"/videos"

Examples

```
## Not run:
listVideos(id = c("18002566", "17139196"))

## End(Not run)
```

---

searchAudio   *Search tracks*

Description

Search tracks

Usage

```
searchAudio(...)
```

Arguments

...   arguments to be passed by the source endpoint parameters.

Source

"/audio/search"

Examples

```
## Not run:
searchAudio(query = "bluegrass", duration_from = "60", moods = "uplifting")

## End(Not run)
```

---

searchEditorial   *Search editorial content*

Description

Search editorial content

Usage

```
searchEditorial(...)
```

Arguments

...   arguments to be passed by the source endpoint parameters.

Source

"/editorial/search"

Examples

```
## Not run:
searchEditorial(query = "history", country = "TR")
searchEditorial(query = "windmills", country = "NL", sort = "newest", date_start = "2018-11-01")

## End(Not run)
```

---

searchImages   *Search images*

Description

Searching for images.

Usage

```
searchImages(...)
```

Arguments

...   arguments to be passed by the source endpoint parameters.

Source

"/images/search"

Examples

```
## Not run:
searchImages(query = "paris")

today <- as.character(Sys.Date())
searchImages(query = "farmer", sort = "popular", added_date = today)

## End(Not run)
```

---

searchVideos *Search videos*

Description

Search videos

Usage

```
searchVideos(...)
```

Arguments

...   arguments to be passed by the source endpoint parameters.

Source

"/videos/search"

Examples

```
## Not run:
searchVideos(query = "hot air balloon", duration_from = "30", sort = "popular")

## End(Not run)
```

---

sstk_auth *Authorize Shutterstock R package*

Description

Authenticate and store user credentials to authorize requests for the Shutterstock API.

Usage

```
sstk_auth(scopes = NULL)
```

Arguments

scopes   character. The default value is NULL. See details below for more information.

Details

This call starts the OAuth 2.0 authentication process. After successful authentication, an OAuth token will be cached inside the `.httr-oauth`, which is a file placed in the current working directory. Shutterstock package searches for a token saved in `.httr-oauth` file in different R sessions. If the token is not found in the directory, the call launches OAuth 2.0 authentication flow. This workflow is mainly followed by the `httr` package.

The argument scopes accept a list of OAuth scopes defined in the Shutterstock API. The default value is set to `NULL` but that includes the "`user.view`" scope which the Shutterstock API grants by default when no additional scopes have been provided. Use "`all`" keyword to demand all scopes to be included in the OAuth token.

See the full Shutterstock API OAuth scope list here: https://api-reference.shutterstock.com/#authentication-oauth-scopes-h2

Examples

```
## Not run:
# apply collections.view and licenses.view scopes:
sstk_auth(scopes = c("collections.view", "licenses.view"))

# apply all available scopes:
sstk_auth(scopes = "all")

## End(Not run)
```

---

sstk_get_keys	*Read environment variables*

Description

Reading environment variables either specified in the `.Renviron` file, which is a safe place to locally store and retrieve API keys, or directly from the environment variables set via sstk_set_keys.

Usage

```
sstk_get_keys()
```

---

sstk_set_keys	*Set environment variables*

Description

Set environment variables

Usage

```
sstk_set_keys(id, secret, callback)
```

Arguments

`id`	character. The client id from your application.
`secret`	character. The secret id from your application.
`callback`	character. The callback (or redirect) URI specified in your application.

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