Package 'govinfoR'

February 20, 2024

Title A 'GovInfo' API Wrapper

Version 0.0.3

Description Access data provided by the United States Government Publishing Office (GPO) 'Gov-Info' API (<https://github.com/usgpo/api>).

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Encoding UTF-8

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Imports cli, dplyr, httr2, janitor, lubridate, stringr, tidyr

URL <https://github.com/blackerby/govinfoR>

BugReports <https://github.com/blackerby/govinfoR/issues>

NeedsCompilation no

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Repository CRAN

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R topics documented:

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gpo_collections   *Retrieve GPO collections data*

Description

The following params correspond to those listed in the [GovInfo](#) API documentation], but the `offset` param is not supported. GovInfo documentation indicates that it was to be deprecated in December, 2022, and though it is still available through the API, the `offsetMark` parameter is supported instead. Parameter descriptions are adapted from [GovInfo](#) API documentation.

Usage

```
gpo_collections(
  collection = NULL,
  start_date = NULL,
  end_date = NULL,
  page_size = 10,
  doc_class = NULL,
  congress = NULL,
  bill_version = NULL,
  court_code = NULL,
  court_type = NULL,
  state = NULL,
  topic = NULL,
  is_glp = NULL,
  nature_suit_code = NULL,
  nature_suit = NULL,
  offset_mark = "*"
)
```

Arguments

collection	The collectionCode that you want to retrieve (e.g. BILLS, CREC, FR, PLAW, USCOURTS)
start_date	ISO8601 date and time formatted string (yyyy-MM-dd'T'HH:mm:ss'Z') Example: 2018-01-28T20:18:10Z
end_date	ISO8601 date and time formatted string (yyyy-MM-dd'T'HH:mm:ss'Z') Example: 2018-01-28T20:18:10Z
page_size	The number of records to return for a given request.
doc_class	Filter by collection-specific categories, which vary among collections.
congress	Filter by Congress, e.g., 116, 117
bill_version	Specific to the `BILLS` collection. Filter by bill text version code.
court_code	`USCOURTS`collection specific.
court_type	`USCOURTS` collection specific.

`state`	Collection specific.
`topic`	Collection specific.
`is_glp`	Collection specific.
`nature_suit_code`	
	Collection specific.
`nature_suit`	Collection specific.
`offset_mark`	Indicates starting record for a given request.

Details

Calling `gpo_collections()` without specifying a collection returns metadata about all collections.

Value

A tibble

Examples

```
gpo_collections(collection = "BILLS", start_date = "2024-02-17T00:00:00Z")
gpo_collections()
```

---

gpo_package_granules   *Given a GPO package id, get a list of granules associated with that package.*

Description

The `offset` param provide by the API is not supported. GovInfo documentation indicates that it was to be deprecated in December, 2022, and though it is still available through the API, the `offsetMark` parameter is supported instead. Parameter descriptions are adapted from [GovInfo](#) API documentation.

Usage

```
gpo_package_granules(
  package_id,
  page_size = 20,
  offset_mark = "*",
  md5 = NULL,
  granule_class = NULL
)
```

Arguments

package_id	String. The Package Id. Ex: CREC-2018-01-04
page_size	Integer. The number of records to retrieve per request. Defaults to 20.
offset_mark	Indicates starting record for a given request.
md5	String. md5 hash value of the html content file - can be used to identify changes in individual granules for the HOB and CRI collections.
granule_class	String. Filter the results by overarching collection-specific categories. Varies by collection.

Value

A tibble

Examples

```
gpo_package_granules("CREC-2018-01-04")
```

---

gpo_package_granules_summary

Given a package id and a granule id, return a metadata summary for the granule.

Description

Given a package id and a granule id, return a metadata summary for the granule.

Usage

```
gpo_package_granules_summary(package_id, granule_id)
```

Arguments

package_id	String. The Package Id. Ex: CREC-2018-01-04
granule_id	String. The granule ID, e.g. CREC-2018-01-04-pt1-PgD7-2

Value

A single row tibble

Examples

```
gpo_package_granules_summary("CREC-2018-01-04", "CREC-2018-01-04-pt1-PgD7-2")
```

---

gpo_package_summary   *Given a GPO package id, return summary metadata for that package.*

Description

Given a GPO package id, return summary metadata for that package.

Usage

```
gpo_package_summary(package_id)
```

Arguments

package_id   String. The Package Id. Ex: CREC-2018-01-04

Value

A single row tibble.

Examples

```
gpo_package_summary("CREC-2018-01-04")
```

---

gpo_published   *Retrieve documents based on official publication date.*

Description

The following params correspond to those listed in the [GovInfo](#) API documentation, but the `offset` param is not supported. GovInfo documentation indicates that it was to be deprecated in December, 2022, and though it is still available through the API, the `offsetMark` parameter is supported instead. Parameter descriptions are adapted from [GovInfo](#) API documentation.

Usage

```
gpo_published(
  start_date,
  end_date = NULL,
  page_size = 10,
  collection,
  congress = NULL,
  doc_class = NULL,
  bill_version = NULL,
```

```
    modified_since = NULL,
    court_code = NULL,
    court_type = NULL,
    state = NULL,
    topic = NULL,
    nature_suit_code = NULL,
    nature_suit = NULL,
    offset_mark = "*",
    is_glp = NULL
)
```

Arguments

start_date	ISO8601 date and time formatted string (yyyy-MM-dd'T'HH:mm:ss'Z') Example: 2018-01-28T20:18:10Z
end_date	ISO8601 date and time formatted string (yyyy-MM-dd'T'HH:mm:ss'Z') Example: 2018-01-28T20:18:10Z
page_size	The number of records to return for a given request.
collection	Filter by GPO collection.
congress	Filter by Congress, e.g., 116, 117
doc_class	Filter by collection-specific categories, which vary among collections.
bill_version	Specific to the BILLS collection. Filter by bill text version code.
modified_since	Request only packages modified since a given date/time. ISO8601 date and time formatted string (yyyy-MM-dd'T'HH:mm:ss'Z') Example: 2018-01-28T20:18:10Z
court_code	USCOURTScollection specific.
court_type	USCOURTS collection specific.
state	Collection specific.
topic	Collection specific.
nature_suit_code	
	Collection specific.
nature_suit	Collection specific.
offset_mark	Indicates starting record for a given request.
is_glp	Collection specific.

Value

A tibble

Examples

```
gpo_published(
  start_date = "2024-01-01",
  end_date = "2024-01-03",
```

```
    collection = c("BILLS")
  )
```

---

gpo_related	*gpo_related()*

Description

gpo_related()

Usage

```
gpo_related(
  access_id,
  collection = NULL,
  granule_class = NULL,
  sub_granule_class = NULL
)
```

Arguments

access_id   GPO package id or granule id

collection   Collection to search for relationships. Must be one of BILLS, BILLSTATUS,
                PLAW, FR, or CHRG.

granule_class   A type of granule.

sub_granule_class

                A type of subgranule.

Value

A tibble.

Examples

```
gpo_related("BILLS-116hr748enr")
gpo_related("BILLS-116hr748enr", collection = "BILLS")
```

---

key *Check or Get GovInfo API Key*

Description

Adapted, with gratitude, from Christopher Kenny's congress package

Usage

```
has_govinfo_key()

get_govinfo_key()
```

Value

logical if has, key if get

Examples

```
has_govinfo_key()
```

---

next_req *next_req*

Description

A callback for use with httr2::req_perform_iterative

Usage

```
next_req(resp, req)
```

Arguments

resp   Callback response.

req   Callback response.

---

set_govinfo_key   *Adds api.data.gov key to .Renviron*

Description

Adds api.data.gov key to .Renviron

Usage

```
set_govinfo_key(key, overwrite = FALSE, install = FALSE)
```

Arguments

key	Character. API key to add.
overwrite	Defaults to FALSE. Boolean. Should existing GOVINFO_KEY in .Renviron be overwritten?
install	Defaults to FALSE. Boolean. Should key be added to '~/.Renviron' file?

Value

key, invisibly

Examples

```
## Not run:
  set_govinfo_key("DEMO_KEY")

## End(Not run)
```

---

today   *today*

Description

A helper for specifying time stamps to the GovInfo API

Usage

```
today()
```

Value

String. Represents the earliest possible UTC time for today's date.

Examples

```
today()
```

---

tomorrow   *tomorrow*

Description

A helper for specifying time stamps to the GovInfo API

Usage

```
tomorrow()
```

Value

String. Represents the earliest possible UTC time for tomorrow's date.

Examples

```
tomorrow()
```

---

yesterday   *yesterday*

Description

A helper for specifying time stamps to the GovInfo API

Usage

```
yesterday()
```

Value

String. Represents the earliest possible UTC time for the previous day.

Examples

```
yesterday()
```

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