

Package ‘govinfoR’

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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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gpo_collections	<i>Retrieve GPO collections data</i>
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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

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

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	<i>Retrieve documents based on official publication date.</i>
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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	USCOURTS collection 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	<i>gpo_related()</i>
-------------	----------------------

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	<i>Check or Get GovInfo API Key</i>
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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	<i>next_req</i>
----------	-----------------

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	<i>Adds api.data.gov key to .Renviron</i>
-----------------	---

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?

today

9

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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