Package ‘govinfoR’

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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
```r
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.
gpo_package_granules

- 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

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

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

```r
  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

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

Description

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

Usage

```r
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

```r
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**

```r
gpo_package_summary(package_id)
```

**Arguments**


**Value**

A single row tibble.

**Examples**

```r
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**

```r

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",
)
gpo_related

    collection = c("BILLS")


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()

govinfo_key()

Value

logical if has, key if get

Examples

has_govinfo_key()

next_req  

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.
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)

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()
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()

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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