Package 'istacr'

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Title Obtaining Open Data from Instituto Canario De Estadistica (ISTAC) API

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Description You can access to open data published in Instituto Canario De Estadistica (ISTAC) APIs at <https://www.gobiernodecanarias.org/istac/api/>.

License GPL (>= 3)

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`get_datasets` *Get datasets*

Description

This function allows consulting all existing statistical data cubes.

Usage

```
get_datasets(lang = "es", limit = 25, offset = 0, orderBy = NULL,
  query = NULL)
```

Arguments

lang	(string) Language in which you want to get the answer.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
orderBy	(string) Order. Possible values are ID ASC or ID DESC,
query	(string) Metadata query on which the searches can be built.

Examples

```
get_datasets()
```

---

get_datasets_agency *Get datasets (agencyID)*

Description

This function allows to consult all the data sets maintained by a certain organization.

Usage

```
get_datasets_agency(agencyID, lang = "es", limit = 25, offset = 0,
  orderBy = NULL, query = NULL)
```

Arguments

agencyID	(string) Identifier of the maintainer organization of the resource. A possible value is ISTAC.
lang	(string) Language in which you want to get the answer.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
orderBy	(string) Order. Possible values are ID ASC or ID DESC,
query	(string) Metadata query on which the searches can be built.

Examples

```
get_datasets_agency(agencyID = "ISTAC")
```

get_datasets_agency_resource

Get datasets (agencyID / resourceID)

Description

This function allows to obtain all the versions of a statistical cube with a certain identifier and that also maintains a certain organization.

Usage

```
get_datasets_agency_resource(agencyID, resourceID, lang = "es",
  limit = 25, offset = 0, orderBy = NULL, query = NULL)
```

Arguments

agencyID	(string) Identifier of the maintainer organization of the resource. A possible value is ISTAC.
resourceID	(string) Resource identifier. A possible value is C00010A_000002.
lang	(string) Language in which you want to get the answer.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
orderBy	(string) Order. Possible values are ID ASC or ID DESC,
query	(string) Metadata query on which the searches can be built.

Examples

```
get_datasets_agency_resource(agencyID = "ISTAC", resourceID = "C00010A_000002")
```

get_datasets_agency_resource_version

Get datasets (agencyID / resourceID / version)

Description

This function allows to obtain all the versions of a statistical cube with a certain identifier and that also maintains a certain organization.

Usage

```
get_datasets_agency_resource_version(agencyID, resourceID, version,
  dim = NULL, fields = NULL, lang = "es")
```

Arguments

agencyID	(string) Identifier of the maintainer organization of the resource. A possible value is ISTAC.
resourceID	(string) Resource identifier. A possible value is C00010A_000002.
version	(string) Resource version. A possible value is 001.000.
dim	(string) Allows filtering the data obtained in the response. A example is TIME_PERIOD:2009|2010.
fields	(string) Allows you to customize the response by excluding fields from it. The possible values are -metadata and -data.
lang	(string) Language in which you want to get the answer.

Examples

```
get_datasets_agency_resource_version(
   agencyID = "ISTAC", resourceID = "C00010A_000002", version = "001.000"
)
```

---

get_indicators *Get indicators*

Description

This function returns a list of indicators published in the ISTAC-indicators database. An indicator is a measure used to know the intensity of a phenomenon in spacetime. This measure can refer to different spatial or temporal granularities.

Usage

```
get_indicators(q = NULL, order = NULL, limit = 25, offset = 0,
  fields = NULL, representation = NULL)
```

Arguments

q	(string) Metadata query on which the searches can be built using: id, subjectCode or geographicValue.
order	(string) Order. Possible values are: update and id and order criteria are ASC and DESC.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
fields	(string) Use of the answer by adding new fields. Possible values are: +metadata, +data and +observationsMetadata.
representation	(string) Allows filtering the observations by their value. Its use only makes sense when +data and/or +observationsMetadata has been included.

Examples

```
indicators <- get_indicators(
  q = 'id IN ("AFILIACIONES", "EMPLEO_REGISTRADO_AGRICULTURA")',
  order = "id ASC", fields = "+data", representation =
    "GEOGRAPHICAL[35003|35005],MEASURE[ABSOLUTE]"
)
```

get_indicators_code *Get indicators code*

Description

This function returns the metadata that describe the characteristics of a specific indicator, allowing the compression of the measured fact; also through the data request the complete data (for all spacetime) of the indicator is provided.

Usage

```
get_indicators_code(indicatorCode)
```

Arguments

indicatorCode	(string) an indicator code

Examples

```
get_indicators_code("AFILIACIONES")
get_indicators_code("PARO_REGISTRADO")
```

get_indicators_code_data *Get indicators code data*

Description

This function returns complete data (for all spacetime) of the indicator. On the other hand, metadata describing the characteristics of a specific indicator are offered through the metadata request, allowing the compression of the measured fact.

Usage

```
get_indicators_code_data(indicatorCode, representation = NULL,
  granularity = NULL, fields = NULL)
```

Arguments

indicatorCode	(string) an indicator code
representation	(string) Allows filtering the observations by their value.
granularity	(string) Allows to filter the observations through the granularities of the same.
fields	(string) Allows you to customize the response by excluding fields. The possible values are: -observationsMetadata.

Examples

```
get_indicators_code_data("AFILIACIONES")
```

get_indicators_geographical_values
Get geographical values

Description

This function returns values of a geographical granularity that in turn are part of a specific theme or system of indicators.

Usage

```
get_indicators_geographical_values(geographicalGranularityCode,
  subjectCode = NULL, systemCode = NULL)
```

Arguments

geographicalGranularityCode	(string) geographical granularity code
subjectCode	(string) subject code
systemCode	(string) system code

Examples

```
get_indicators_geographical_values("REGIONS")
get_indicators_geographical_values("REGIONS", subjectCode = "051", systemCode = "C00067A")
```

get_indicators_geographic_granularities
Get geographic granularities

Description

This function returns a list of geographic granularities treated in the ISTAC-indicators database. For example provincial, insular or municipal granularity.

Usage

```
get_indicators_geographic_granularities()
```

Examples

```
get_indicators_geographic_granularities()
```

get_indicators_subjects *Get subjects*

Description

This function returns all subjects which the ISTAC classifies its statistical operations.

Usage

```
get_indicators_subjects()
```

Examples

```
get_indicators_subjects()
```

get_indicators_systems *Get indicators systems*

Description

This function returns a list of indicator systems published in the ISTAC-indicators database. The indicators are simple or compound statistics, however a single indicator can rarely provide useful information about complex phenomena such as the economic situation, living conditions, schooling or others. Indicator systems are generally designed to generate more and more accurate information about the conditions of a phenomenon; and for this they are organized in dimensions or areas of analysis, under which the indicators are integrated.

Usage

```
get_indicators_systems(limit = 25, offset = 0)
```

Arguments

`limit`	(int) Results limit. By default `limit = 25`.
`offset`	(int) Displacement. Result from which it is returned. By default `offset = 0`.

Examples

```
get_indicators_systems()
```

get_indicators_systems_code

Get indicators system code

Description

This function returns metadata of a system of indicators published in the ISTAC-indicators database. The indicators are simple or compound statistics, however a single indicator can rarely provide useful information about complex phenomena such as the economic situation, living conditions, schooling or others.

Usage

```
get_indicators_systems_code(indicatorSystemCode)
```

Arguments

indicatorSystemCode	(string) an indicator system code

Examples

```
get_indicators_systems_code("C00075H")
```

get_indicators_systems_code_instances

Get indicators system code instances

Description

This function returns instances of indicators associated with a specific indicator system. An instance of an indicator is nothing more than a spatio-temporal query of an indicator when it is incorporated into a specific indicator system.

Usage

```
get_indicators_systems_code_instances(indicatorSystemCode, q = NULL,
  order = NULL, limit = 25, offset = 0, fields = NULL,
  representation = NULL, granularity = NULL)
```

Arguments

indicatorSystemCode	(string) with an indicator system code
q	(string) Query of metadata on which the searches can be built are: `id` and `geographicalValue`.
order	(string) Order. Possible values are: `update` and `id` and order criteria are `ASC` and `DESC`.
limit	(int) Results limit. By default `limit = 25`.

offset	(int) Displacement. Result from which it is returned. By default offset = 0.
fields	(string) Use of the answer by adding new fields. Possible values are: +metadata, +data and +observationsMetadata.
representation	(string) Allows filtering the observations by their value. Its use only makes sense when +data and/or +observationsMetadata has been included.
granularity	(string) Allows to filter the observations through the granularities of the same. Its use only makes sense when +data and/or +observationsMetadata has been included.

Examples

```
get_indicators_systems_code_instances("C00075H")
get_indicators_systems_code_instances("C00075H", q = 'id EQ "INDICADORES_MUNICIPALES"')
```

---

get_indicators_systems_code_instances_code

Get indicators system code instances code

Description

This function returns metadata of an indicator set associated with a specific indicator system. An instance of an indicator is nothing more than a spatio-temporal query of an indicator when it is incorporated into a specific indicator system.

Usage

```
get_indicators_systems_code_instances_code(indicatorSystemCode,
  indicatorInstanceCode)
```

Arguments

indicatorSystemCode	(string) indicator system code
indicatorInstanceCode	(string) indicator instance code

Examples

```
get_indicators_systems_code_instances_code("C00075H", "21af0477-d63b-493b-ad02-4ab181547223")
```

get_indicators_systems_code_instances_code_data

Get indicators system code instances code data

Description

This function returns data of an indicator unit associated with a specific indicator system. An instance of an indicator is nothing more than a spatio-temporal query of an indicator when it is incorporated into a specific indicator system.

Usage

```
get_indicators_systems_code_instances_code_data(indicatorSystemCode,
  indicatorInstanceCode, representation = NULL, granularity = NULL,
  fields = NULL)
```

Arguments

indicatorSystemCode	(string) Indicator system code
indicatorInstanceCode	(string) Indicator instance code
representation	(string) Allows filtering the observations by their value.
granularity	(string) Allows to filter the observations through the granularities of the same.
fields	(string) Allows you to customize the response by excluding fields. The possible values are: -observationsMetadata.

Examples

```
get_indicators_systems_code_instances_code_data("C00075H", "21af0477-d63b-493b-ad02-4ab181547223")
```

get_indicators_time_granularities

Get time granularities

Description

This function returns a list of temporary granularity treated in the ISTAC data bank-indicators ordered from highest to lowest granularity. For example annual, quarterly or monthly granularity.

Usage

```
get_indicators_time_granularities()
```

Examples

```
get_indicators_time_granularities()
```

get_structuralresources_categorisations
Get categorisations

Description

This function returns the content from /v1.0/categorisations

Usage

```
get_structuralresources_categorisations(limit = 25, offset = 0,
  query = NULL, orderBy = NULL)
```

Arguments

limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_categorisations()
get_structuralresources_categorisations(query = "ID EQ 2090", orderBy = "ID ASC")
```

get_structuralresources_categorisations_agency
Get categorisations agency

Description

This function returns the content from /v1.0/categorisations/agencyID

Usage

```
get_structuralresources_categorisations_agency(agencyID, limit = 25,
  offset = 0, query = NULL, orderBy = NULL)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_categorisations_agency("ISTAC")
```

get_structuralresources_categorisations_agency_resource
Get categorisations agency resource

Description

This function returns the content from /v1.0/categorisations/agencyID/resourceID

Usage

```
get_structuralresources_categorisations_agency_resource(agencyID,
  resourceID, limit = 25, offset = 0, query = NULL, orderBy = NULL)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_categorisations_agency_resource("ISTAC", "cat2")
```

get_structuralresources_categorisations_agency_resource_version
Get categorisations agency resource version

Description

This function returns the content from /v1.0/categorisations/agencyID/resourceID/version

Usage

```
get_structuralresources_categorisations_agency_resource_version(agencyID,
  resourceID, version)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
version	(string) Specific version of the resource.

Examples

```
get_structuralresources_categorisations_agency_resource_version("ISTAC", "cat2", "01.000")
```

get_structuralresources_category_schemes
Get category schemes

Description

This function returns the content from /v1.0/categoryschemes

Usage

```
get_structuralresources_category_schemes(limit = 25, offset = 0,
  query = NULL, orderBy = NULL)
```

Arguments

limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_category_schemes()
get_structuralresources_category_schemes(query = "ID EQ 2090", orderBy = "ID ASC")
```

get_structuralresources_category_schemes_agency
Get category schemes agency

Description

This function returns the content from /v1.0/categoryschemes/agencyID

Usage

```
get_structuralresources_category_schemes_agency(agencyID, limit = 25,
  offset = 0, query = NULL, orderBy = NULL)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_category_schemes_agency("ISTAC", query = "ID EQ 2090", orderBy = "ID ASC")
```

get_structuralresources_category_schemes_agency_resource
Get category schemes agency resource

Description

This function returns the content from /v1.0/categoryschemes/agencyID/resourceID

Usage

```
get_structuralresources_category_schemes_agency_resource(agencyID,
  resourceID, limit = 25, offset = 0, query = NULL, orderBy = NULL)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_category_schemes_agency_resource("ISTAC", "TEMAS_CANARIAS")
```

get_structuralresources_category_schemes_agency_resource_version
Get category schemes agency resource version

Description

This function returns the content from /v1.0/categoryschemes/agencyID/resourceID/version

Usage

```
get_structuralresources_category_schemes_agency_resource_version(agencyID,
  resourceID, version)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
version	(string) Specific version of the resource.

Examples

```
get_structuralresources_category_schemes_agency_resource_version(
   "ISTAC", "TEMAS_CANARIAS", "01.000"
)
```

get_structuralresources_category_schemes_agency_resource_version_categories
Get category schemes agency resource version categories

Description

This function returns the content from /v1.0/categoryschemes/agencyID/resourceID/version/categories

Usage

```
get_structuralresources_category_schemes_agency_resource_version_categories(agencyID,
 resourceID, version, limit = 25, offset = 0, query = NULL,
 orderBy = NULL)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
version	(string) Specific version of the resource.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_category_schemes_agency_resource_version_categories(
   "ISTAC", "TEMAS_CANARIAS", "01.000"
)
```

get_structuralresources_category_schemes_agency_resource_version_categories_id
Get category schemes agency resource version categories (id)

Description

This function returns the content from /v1.0/categoryschemes/agencyID/resourceID/version/categories/categoryID

Usage

```
get_structuralresources_category_schemes_agency_resource_version_categories_id(agencyID,
 resourceID, version, categoryID)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
version	(string) Specific version of the resource.
categoryID	(string)

Examples

```
get_structuralresources_category_schemes_agency_resource_version_categories_id(
   "ISTAC", "TEMAS_CANARIAS", "01.000", "060"
)
get_structuralresources_category_schemes_agency_resource_version_categories_id(
   "ISTAC", "TEMAS_CANARIAS", "01.000", "060.060_010.060_010_010"
)
```

---

get_structuralresources_codelists
Get codelists

Description

This function allows to obtain the list of classifications.

Usage

```
get_structuralresources_codelists(limit = 25, offset = 0,
  query = NULL, orderBy = NULL)
```

Arguments

limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_codelists()
```

get_structuralresources_codelists_agency
Get codelists agency

Description

This function allows obtaining the list of all the classifications maintained by a certain organization.

Usage

```
get_structuralresources_codelists_agency(agencyID, limit = 25,
  offset = 0, query = NULL, orderBy = NULL)
```

Arguments

agencyID	(string) Agency identificator.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_codelists_agency("ISTAC")
get_structuralresources_codelists_agency("ESTAT")
```

get_structuralresources_codelists_agency_resource
Get codelists agency resource

Description

This function allows to obtain all the versions of a classification with a certain identifier and that is also kept by a certain organization.

Usage

```
get_structuralresources_codelists_agency_resource(agencyID, resourceID,
  limit = 25, offset = 0, query = NULL, orderBy = NULL)
```

Arguments

agencyID	(string) Agency identificator.
resourceID	(string) Resource identificator.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_codelists_agency_resource("ISTAC", "CL_AREA_ES")
```

---

get_structuralresources_codelists_agency_resource_version

Get codelists agency resource version

Description

This function allows you to consult a particular version of a classification.

Usage

```
get_structuralresources_codelists_agency_resource_version(agencyID,
  resourceID, version)
```

Arguments

agencyID	(string) Agency identificator.
resourceID	(string) Resource identificator.
version	(string) Specific resource version.

Examples

```
get_structuralresources_codelists_agency_resource_version("ISTAC", "CL_AREA_ES", "01.000")
```

---

get_structuralresources_codelists_agency_resource_version_codes

Get codelists agency resource version codes

Description

This function allows to consult the codes of a version of a classification. Note that if wildcards are used as `~all` or one of the `limit`, `offset`, `query` or `orderBy` parameters, the list will be automatically paginated.

Usage

```
get_structuralresources_codelists_agency_resource_version_codes(agencyID,
  resourceID, version, limit = 25, offset = 0, query = NULL,
  orderBy = NULL, openness = NULL, order = NULL, fields = NULL)
```

Arguments

agencyID	(string) Agency identificator.
resourceID	(string) Resource identificator.
version	(string) Specific resource version.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.
openness	(string) Opening established for viewing.
order	(string) Order established for visualization.
fields	(string) Additional fields that you want to show in the answer.

Examples

```
get_structuralresources_codelists_agency_resource_version_codes("ISTAC", "CL_AREA_ES", "01.000")
```

---

get_structuralresources_codelists_agency_resource_version_codes_codeid

Get codelists agency resource version codes (codeID)

Description

This function allows to consult a specific code of a version of a classification.

Usage

```
get_structuralresources_codelists_agency_resource_version_codes_codeid(agencyID,
 resourceID, version, codeID)
```

Arguments

agencyID	(string) Agency identificator.
resourceID	(string) Resource identificator.
version	(string) Specific resource version.
codeID	(string) Code identificator.

Examples

```
get_structuralresources_codelists_agency_resource_version_codes_codeid(
   "ISTAC", "CL_AREA_ES", "01.000", "ES706A01"
)
```

get_structuralresources_codelist_families
Get codelist families

Description

This function returns the list of families of classifications

Usage

```
get_structuralresources_codelist_families(limit = 25, offset = 0,
  orderBy = NULL, query = NULL)
```

Arguments

limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
orderBy	(string) Field by which to sort the results.
query	(string) Query to filter the results.

Examples

```
get_structuralresources_codelist_families()
```

get_structuralresources_codelist_families_id
Get codelist families

Description

This function allows to obtain a family of classifications in particular.

Usage

```
get_structuralresources_codelist_families_id(id = NULL)
```

Arguments

id	(string) codelist family identificator

Examples

```
get_structuralresources_codelist_families_id()
```

get_structuralresources_concept_schemes
Get concept schemes

Description

This function returns the content from /v1.0/conceptschemes

Usage

```
get_structuralresources_concept_schemes(limit = 25, offset = 0,
  query = NULL, orderBy = NULL)
```

Arguments

limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_concept_schemes()
get_structuralresources_concept_schemes(query = "ID EQ 2090", orderBy = "ID ASC")
```

get_structuralresources_concept_schemes_agency
Get concept schemes agency

Description

This function returns the content from /v1.0/conceptschemes/agencyID

Usage

```
get_structuralresources_concept_schemes_agency(agencyID, limit = 25,
  offset = 0, query = NULL, orderBy = NULL)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_concept_schemes_agency("ISTAC")
get_structuralresources_concept_schemes_agency("ESTAT", query = "ID EQ 2090", orderBy = "ID ASC")
```

get_structuralresources_concept_schemes_agency_resource
Get concept schemes agency resource

Description

This function returns the content from /v1.0/conceptschemes/agencyID/resourceID

Usage

```
get_structuralresources_concept_schemes_agency_resource(agencyID,
  resourceID, limit = 25, offset = 0, query = NULL, orderBy = NULL)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_concept_schemes_agency_resource(
   agencyID = "ISTAC", resourceID = "CL_AREA_ES"
)
```

get_structuralresources_concept_schemes_agency_resource_version
Get concept schemes agency resource version

Description

This function returns the content from /v1.0/conceptschemes/agencyID/resourceID/version

Usage

```
get_structuralresources_concept_schemes_agency_resource_version(agencyID,
  resourceID, version)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
version	(string) Specific version of the resource.

Examples

```
get_structuralresources_concept_schemes_agency_resource_version(
   agencyID = "ISTAC", resourceID = "CL_AREA", version = "01.000"
)
```

---

get_structuralresources_concept_schemes_agency_resource_version_concepts

Get concept schemes agency resource version concepts

Description

This function returns the content from /v1.0/conceptschemes/agencyID/resourceID/version/concepts

Usage

```
get_structuralresources_concept_schemes_agency_resource_version_concepts(agencyID,
 resourceID, version, limit = 25, offset = 0, query = NULL,
 orderBy = NULL)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
version	(string) Specific version of the resource.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_concept_schemes_agency_resource_version_concepts(
   agencyID = "ISTAC", resourceID = "CL_AREA_ES", version = "01.000"
)
```

---

get_structuralresources_concept_schemes_agency_resource_version_concepts_id

Get concept schemes agency resource version concepts (id)

Description

This function returns the content from /v1.0/conceptschemes/agencyID/resourceID/version/concepts/conceptID

Usage

```
get_structuralresources_concept_schemes_agency_resource_version_concepts_id(agencyID,
 resourceID, version, conceptID)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
version	(string) Specific version of the resource.
conceptID	(string) Concept identifier.

Examples

```
get_structuralresources_concept_schemes_agency_resource_version_concepts_id(
   agencyID = "ISTAC", resourceID = "CL_AREA_ES", version = "01.000", conceptID = 0
)
```

---

get_structuralresources_concept_types
Get concept types

Description

This function returns the content from /v1.0/conceptTypes

Usage

```
get_structuralresources_concept_types()
```

Examples

```
get_structuralresources_concept_types()
```

---

get_structuralresources_content_constraints
Get content constraints

Description

This function returns the content from /v1.0/contentConstraints

Usage

```
get_structuralresources_content_constraints(limit = 25, offset = 0,
  query = NULL, orderBy = NULL)
```

Arguments

limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_content_constraints()
get_structuralresources_content_constraints(query = "ID EQ 2090", orderBy = "ID ASC")
```

get_structuralresources_content_constraints_agency
Get content constraints agency

Description

This function returns the content from /v1.0/contentConstraints/agencyID

Usage

```
get_structuralresources_content_constraints_agency(agencyID, limit = 25,
  offset = 0, query = NULL, orderBy = NULL)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_content_constraints_agency("ISTAC")
```

get_structuralresources_content_constraints_agency_resource
Get content constraints agency resource

Description

This function returns the content from /v1.0/contentConstraints/agencyID/resourceID

Usage

```
get_structuralresources_content_constraints_agency_resource(agencyID,
  resourceID, limit = 25, offset = 0, query = NULL, orderBy = NULL)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_content_constraints_agency_resource("ISTAC", "CL_AREA")
```

get_structuralresources_content_constraints_agency_resource_version
Get content constraints agency resource version

Description

This function returns the content from /v1.0/contentConstraints/agencyID/resourceID/version

Usage

```
get_structuralresources_content_constraints_agency_resource_version(agencyID,
resourceID, version)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
version	(string) Specific version of the resource.

Examples

```
get_structuralresources_content_constraints_agency_resource_version("ISTAC", "CL_AREA", "01.000")
```

get_structuralresources_content_constraints_agency_resource_version_regions
Get content constraints agency resource version regions

Description

This function returns the content from /v1.0/contentConstraints/agencyID/resourceID/version/regions/regionCode

Usage

```
get_structuralresources_content_constraints_agency_resource_version_regions(regionCode,
 agencyID, resourceID, version)
```

Arguments

regionCode	(string) Region code.
agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
version	(string) Specific version of the resource.

Examples

```
get_structuralresources_content_constraints_agency_resource_version_regions(
   "0001", "ISTAC", "CL_AREA", "01.000"
)
```

get_structuralresources_data_structures
Get data structures

Description

This function returns the content from /v1.0/datastructures

Usage

```
get_structuralresources_data_structures(limit = 25, offset = 0,
  query = NULL, orderBy = NULL)
```

Arguments

limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_data_structures()
get_structuralresources_data_structures(query = "ID EQ 2090", orderBy = "ID ASC")
```

get_structuralresources_data_structures_agency
Get data structures agency

Description

This function returns the content from /v1.0/datastructures/agencyID

Usage

```
get_structuralresources_data_structures_agency(agencyID, limit = 25,
  offset = 0, query = NULL, orderBy = NULL)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_data_structures_agency("ISTAC")
```

get_structuralresources_data_structures_agency_resource
Get data structures agency resource

Description

This function returns the content from /v1.0/datastructures/agencyID/resourceID

Usage

```
get_structuralresources_data_structures_agency_resource(agencyID,
  resourceID, limit = 25, offset = 0, query = NULL, orderBy = NULL)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_data_structures_agency_resource("ISTAC", "CL_AREA")
```

get_structuralresources_data_structures_agency_resource_version
Get data structures agency resource version

Description

This function returns the content from /v1.0/datastructures/agencyID/resourceID/version

Usage

```
get_structuralresources_data_structures_agency_resource_version(agencyID,
  resourceID, version)
```

Arguments

agencyID	(string) Identifier of the agency that publishes.
resourceID	(string) Resource identifier.
version	(string) Specific version of the resource.

Examples

```
get_structuralresources_data_structures_agency_resource_version("ISTAC", "CL_AREA", "01.000")
```

get_structuralresources_geoinfo
Get geoinfo

Description

This function returns data from /v1.0/variables/variableID/variableelements/resourceID/geoinfo

Usage

```
get_structuralresources_geoinfo(variableID, resourceID, fields = NULL,
  limit = 25, offset = 0, query = NULL, orderBy = NULL)
```

Arguments

variableID	(string) Variable identificator.
resourceID	(string) Resource identificator.
fields	(string) Additional fields that you want to show in the answer.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
geoinfo <- get_structuralresources_geoinfo("VR_TERRITORIO", "MUN_ICOD_VINOS")
```

get_structuralresources_variableelements
Get variableelements

Description

This function returns data from /v1.0/variables/variableID/variableelements

Usage

```
get_structuralresources_variableelements(variableID, limit = 25,
  offset = 0, query = NULL, orderBy = NULL)
```

Arguments

variableID	(string) Variable identificator.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_variableelements("VR_SEXO")
```

---

get_structuralresources_variableelements_resource
Get variableelements resource

Description

This function returns data from /v1.0/variables/variableID/variableelements/resourceID

Usage

```
get_structuralresources_variableelements_resource(variableID, resourceID)
```

Arguments

variableID	(string) Variable identificator.
resourceID	(string) Resource identificator.

Examples

```
get_structuralresources_variableelements_resource("VR_SEXO", "FEMALE")
get_structuralresources_variableelements_resource("VR_TERRITORIO", "CCAA_CANARIAS")
```

---

get_structuralresources_variables
Get variables

Description

This function returns data from /v1.0/variables

Usage

```
get_structuralresources_variables(limit = 25, offset = 0,
  query = NULL, orderBy = NULL)
```

Arguments

limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_variables()
```

get_structuralresources_variables_id
Get variables (id)

Description

This function returns data from /v1.0/variables/id

Usage

```
get_structuralresources_variables_id(id)
```

Arguments

id	(string) Variable identificator.

Examples

```
get_structuralresources_variables_id("VR_SEXO")
```

get_structuralresources_variable_families
Get variable families

Description

This function returns data from /v1.0/variablefamilies

Usage

```
get_structuralresources_variable_families(limit = 25, offset = 0,
  query = NULL, orderBy = NULL)
```

Arguments

limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_variable_families()
```

get_structuralresources_variable_families_id
Get variable families (id)

Description

This function returns data from /v1.0/variablefamilies/id

Usage

```
get_structuralresources_variable_families_id(id)
```

Arguments

id	(string) Variable family identificator.

Examples

```
get_structuralresources_variable_families_id("VRF_DEMOGRAFICAS")
```

get_structuralresources_variable_families_id_variables
Get variable families (id) variables

Description

This function returns data from /v1.0/variablefamilies/id/variables

Usage

```
get_structuralresources_variable_families_id_variables(id, limit = 25,
  offset = 0, query = NULL, orderBy = NULL)
```

Arguments

id	(string) Variable family identificator.
limit	(int) Results limit. By default limit = 25.
offset	(int) Displacement. Result from which it is returned. By default offset = 0.
query	(string) Query to filter the results.
orderBy	(string) Field by which to sort the results.

Examples

```
get_structuralresources_variable_families_id_variables("VRF_DEMOGRAFICAS")
```

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