Package 'istacr'

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`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 = "",
  order = "",
  limit = 25,
  offset = 0,
  fields = "",
  representation = ""
)
```

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". 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

```
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 = "",
  granularity = "",
  fields = "",
  as_dataframe = F
)
```

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:
as_dataframe	(bool): If True, this function returns a namedtuple with: - dataframe: pandas dataframe built from API response. - codelists: mapping between codes and representations for each column. "-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,
  systemcode = ""
)
```

Arguments

geographicalgranularitycode	(string): geographical granularity code
subjectcode	(string): subject code
systemcode	(string): system code

Examples

```
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 = "",
  order = "",
  limit = 25,
  offset = 0,
  fields = "",
  representation = "",
  granularity = ""
)
```

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 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_data(
  indicatorsystemcode,
  indicatorinstancecode,
  representation = "",
  granularity = "",
  fields = ""
)
```

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_statisticalresources_datasets
Get datasets

Description

This function allows consulting all existing statistical data cubes.

Usage

```
get_statisticalresources_datasets(
  lang = "es",
  limit = 25,
  offset = 0,
  orderby = "",
  query = ""
)
```

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_statisticalresources_datasets(limit=5)
```

get_statisticalresources_datasets_agency
Get datasets (agencyID)

Description

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

Usage

```
get_statisticalresources_datasets_agency(
  agencyid,
  lang = "es",
  limit = 25,
  offset = 0,
  orderby = "",
  query = ""
)
```

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_statisticalresources_datasets_agency(agencyid="ISTAC")
```

get_statisticalresources_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_statisticalresources_datasets_agency_resource(
  agencyid,
  resourceid,
  lang = "es",
  limit = 25,
  offset = 0,
  orderby = "",
  query = ""
)
```

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_statisticalresources_datasets_agency_resource(
agencyid="ISTAC",
resourceid="C00010A_000002"
)
```

---

get_statisticalresources_datasets_agency_resource_version

Get datasets (agencyID / resourceID / version)

Description

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

Usage

```
get_statisticalresources_datasets_agency_resource_version(
  agencyid,
  resourceid,
  version,
  dim = "",
```

```
  fields = "",
  lang = "es",
  as_dataframe = F
)
```

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.
as_dataframe	(bool): If True, this function returns a namedtuple with: - dataframe: pandas dataframe built from API response. - codelists: mapping between codes and representations for each column.

Examples

```
get_statisticalresources_datasets_agency_resource_version(
agencyid="ISTAC",
resourceid="C00010A_000012",
version="001.000",
dim="TIME_PERIOD:2009")
```

---

get_statisticalresources_queries

Get queries

Description

This function allows consulting all existing statistical queries.

Usage

```
get_statisticalresources_queries(
  lang = "es",
  limit = 25,
  offset = 0,
  orderby = "",
  query = ""
)
```

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_statisticalresources_queries(limit=5)
```

---

get_statisticalresources_queries_agency
Get queries (agencyID)

Description

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

Usage

```
get_statisticalresources_queries_agency(
  agencyid,
  lang = "es",
  limit = 25,
  offset = 0,
  orderby = "",
  query = ""
)
```

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_statisticalresources_queries_agency(agencyid="ISTAC", limit=5)
```

get_statisticalresources_queries_agency_resource
Get queries (agencyID / resourceID)

Description

This function allows to obtain final data of a statistical query with a certain identifier and that also maintains a certain organization.

Usage

```
get_statisticalresources_queries_agency_resource(
  agencyid,
  resourceid,
  fields = "",
  lang = "es",
  as_dataframe = FALSE
)
```

Arguments

agencyid	(string): Identifier of the maintainer organization of the resource. A possible value is "ISTAC".
resourceid	(string): Resource identifier. A possible value is "C00005A_000004".
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.
as_dataframe	(bool): If True, this function returns a namedtuple with: - dataframe: pandas dataframe built from API response. - codelists: mapping between codes and representations for each column.

Examples

```
get_statisticalresources_queries_agency_resource(
agencyid="ISTAC",
resourceid="C00005A_000004"
)
```

get_structuralresources_categorisations
Get categorisations

Description

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

Usage

```
get_structuralresources_categorisations(
  limit = 25,
  offset = 0,
  query = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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): category identifier.

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = "",
  openness = "",
  order = "",
  fields = ""
)
```

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.
orderby	(string): Order established for data.
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 = "",
  query = ""
)
```

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)
```

Arguments

id	(string): codelist family identificator

Examples

```
get_structuralresources_codelist_families_id('CODELIST_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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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="CSM_C00010A_SIE"
)
```

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="CSM_C00010A_SIE",
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 = "",
  orderby = "",
  fields = ""
)
```

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.
fields	(string): Additional fields that you want to show in the answer.

Examples

```
get_structuralresources_concept_schemes_agency_resource_version_concepts(
agencyid="ISTAC",
resourceid="CSM_C00010A_SIE",
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="CSM_C00010A_SIE",
version="01.000",
conceptid="ELECTORES"
)
```

---

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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",
"CSM_C00010A_SIE"
)
```

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",
"CSM_C00010A_SIE",
"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",
"CSM_C00010A_SIE",
"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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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",
"DSD_C00010A_00001"
)
```

---

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",
"DSD_C00010A_00001",
"01.001"
)
```

`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 = "",
  limit = 25,
  offset = 0,
  query = "",
  orderby = ""
)
```

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

```
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 = "",
  orderby = ""
)
```

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): Resource identificator.
resourceid	(string): Variable identificator.

Examples

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

`get_structuralresources_variables`
Get variables

Description

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

Usage

```
get_structuralresources_variables(
  limit = 25,
  offset = 0,
  query = "",
  orderby = ""
)
```

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 identifier.

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 = "",
  orderby = ""
)
```

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 = "",
  orderby = ""
)
```

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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