



GENESIS

User Guide "Web Services"

Version 5.1

2026-06-01

PLEASE NOTE:

The SOAP/XML web service interface has been switched off. The RESTful/JSON web service interface now completely replaces SOAP/XML services.

GET methods with credentials have been replaced by the previously parallel offered POST methods of the RESTful/JSON interface.

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1 Introduction

1.1 GENESIS

GENESIS is the publication tool of the network of the statistical offices of the Federation and the Länder. It is used at the Federal Statistical Office and some Land statistical offices as an internal system for producing statistical publication products. Since 2002, internet users have had access to the public data of the Federal Statistical Office through a web interface. After that, a few Land statistical offices provided systems of their own. Finally, the central platform “Regionalstatistik.de” was put into operation. In addition, a web service interface/API has been available to users since 2005 for improved/automated processes. GENESIS is the Common New Statistical Information System.

1.2 Aim

By using GENESIS web services, users are able to research data and customise tables to their own needs. Web services are a rapid way to access data automatically.

1.3 Database

GENESIS can be used to research and download data and metadata. All objects are building blocks that can be combined, depending on how you wish to use the system.

For example, the variables “sex”, “marital status” or “citizenship” are independent variables in the system. They can be found and viewed and backgrounds are explained. For instance, through the “citizenship” variable, you can find information on how people with dual citizenship are counted in official statistics. Is a woman with a German and a French passport considered as a German or as a foreigner in official statistics?

A set of statistics includes several variables, that is, the information collected in the survey. Of course, the variable “sex” is included in many sets of statistics.

For every set of statistics, there are linearised data that can be downloaded from cubes and data visualised in tables, charts or regional maps.

You may retrieve and process the data interactively and also in an automated way through your user applications.

1.4 Technology

Within the Federal Statistical Office, GENESIS is used through a complex application, while a web interface is available to external users. Both user groups also use the system's web service interfaces/APIs.

Currently, a RESTful/JSON interface is available. Minimum knowledge of software development is required for using the web services.

1.5 API updates

Due to new requirements, new services and methods are continuously developed as part of enhancing GENESIS and its components. New parameters may also be included in the methods. Our philosophy is to minimise the effort required for users to adjust to new features. This is why changes in interfaces are offered as new services, while existing services remain unchanged. In

this documentation, changes compared with the previous services are marked as such. For new versions of services, the relevant year is indicated. Users should always apply the most recent version of a service.

1.6 Contact

If you have any problems or suggestions, please do not hesitate to contact us:

Questions reagrding subject matters to a certain statistics, table or background information:

- Contact: <https://www.destatis.de/DE/Service/Kontakt/Kontakt.html>

Questions concertiang technical aspects applied to GENESIS and GENESIS-web services:

- Contact: <https://www.destatis.de/DE/Service/Kontakt/Genesis/Servicekontakt-GENESIS.html>

1.7 Resource usage

Please note that only a certain number of requests may run in parallel. If this limit is exceeded, calling the logincheck method (2.2.2) enables the automatic termination of stuck requests. How many requests may be executed simultaneously can also be requested using the above method. We also reserve the right to change the number of parallel requests for operational reasons.

2 Specification RESTful/JSON

2.1 General

RESTful web service is a collection of over 40 methods, which are structured in the following services:

- HelloWorld: methods for a first test of the API.
example: *testing the login with account data.*
- Find: methods to find information.
example: *tables containing data on "import"*
- Catalogue: methods to list objects.
example: *tables from the "micro census" statistics*
- Data: methods to download data.
example: *table "11111-0002 – Size of territory: admin. districts, reference date"*
- Metadata: methods to download metadata.
example: *statistics 11111 –recording of territorial status*
- Profile: methods to administrate your account
example: *change your password.*

Due to new requirements and as part of the further development of GENESIS and its components, new services and methods are continuously developed. Also, existing methods can be expanded to include new parameters.

2.1.1 Basic structure of the parameters

Most services need at least the following parameters:

- username: name of the user according to the GENESIS account.
- password: password according to the GENESIS account.
- [...]: further parameters, depending on the method.
- language: language the user wants the response to be in.

Note: If special characters are used, for example in passwords, the mechanism of URL-encoding has to be used. See <https://tools.ietf.org/html/rfc3986> or <https://en.wikipedia.org/wiki/Percent-encoding>. Use „%3F“ instead of „?“ for example.

2.1.2 Basic structure of the responses

Most services deliver a response with the following structure:

- Ident: identification of the service:
 - Service: name of the service.
 - Method: name of the method.
- Status: information on the processing of the request:
 - Code: identification number of the error, or "0" in case of success.
 - Content: textual description of the error, "success" in case of success.
 - Type: one of the values "Error", "Warning" or "Information".

- Parameters: parameters from the request used for processing. (possibly corrected by the service)
 - username: name of the user according to the GENESIS account.
 - password: password according to the GENESIS account.
 - [...]: further parameters, depending on the method.
 - language: language the user wants the response to be in.
(NOTE: Not all metadata have been translated yet!)
- List list of objects found (only catalogue services)
- Object object found (only data service and metadata services)
- Copyright: copyright information of the publisher.

2.1.3 Authentication

With the exception of the whoami service, authentication is required for every request. This can be done via the combined entry of user name/email and password or via the personal token. The requests profile/removeresult and profile/password as well as requests with job=true cannot be carried out with personal token, here a login with user name/email and password is required.

A token is a string that can be used to identify yourself to the API, but not to log in.

A personal API token is displayed in the "Webservice (API)" modal after logging in to the web interface. The token can be used in requests instead of the user name/email. It is no longer necessary to enter a password when using the token.

A new token can also be generated on the web interface of the database in the "Webservice (API)" modal. The old token will then become invalid with immediate effect. User credentials (user name/password) will remain unaffected after a new token has been generated.

2.2 HelloWorld

Explanation

Methods to test API use. (call the service, login)

Please note the limitation of requests as described in section 1.7.

Methods

- whoami: returns the IP address and the hostname of the caller.
- logincheck: returns whether or not the login (using the account data) was successful. If more than 3 requests are running in parallel, all requests that have been running for more than 15 minutes are automatically terminated.

2.2.1 whoami

Explanation

The “whoami” method returns the IP address and the user agent of the caller. This allows to perform first tests of using the interface, without having to specify any parameters.

Syntax

Parameter	Description	Range of values
- not applicable -		

Request (KVP)

<https://genesis.destatis.de/genesisWS/rest/2020/helloworld/whoami>

Request (JSON)

```
{
}
```

Response

```
{
  "User-Agent": "Mozilla/5.0 (Windows NT 6.1; WOW64; rv:52.0) Gecko/20100101
Firefox/52.0",
  "User-IP": "127.0.0.1"
}
```

2.2.2 logincheck

Explanation

The “logincheck” method responds whether or not login using the account data was successful. After successfully calling the “whoami” method, this allows to perform first tests of using the interface, without having to look deeper into the specification.

In addition, this method automatically terminates requests that have been running for more than 15 minutes if too many requests are running in parallel. This method restores the ability to work by cleaning up if the limit has been exceeded.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters

General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/helloworld/logincheck>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{  
  "username": "YOUR_USERNAME",  
  "password": "YOUR_PASSWORD",  
  "language": "de"  
}
```

Response

```
{  
  "Status": "You have been logged in and out successfully!",  
  "Username": "YOUR_USERNAME"  
}
```

2.3 Find

Explanation

Methods to find objects (tables, statistics, variables, cubes.)

Please note the limitation of requests as described in section 1.7.

Methods

- Find: returns lists of objects for a search term. (tables, statistics, variables, cubes.)

2.3.1 find

Explanation

The “find” method returns lists of objects for a search (term). (tables, statistics, variables, cubes.)

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Special		
<i>term</i>	Keyword(s) to be searched	any string of characters
<i>category</i>	Category to be searched in	- Alle / all (default) - Tabellen / tables - Statistiken / statistics - Datenquader / cubes - Merkmale / variables - Zeitreihen / time series
Paging		
<i>pagelength</i>	Maximum number of items that will be returned	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/find/find>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "term": "Abfall",
  "category": "all",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "find",
    "Method": "find"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "term": "Abfall",
    "category": "Alle",
    "pagelength": "16",
    "language": "de"
  },
  "Cubes": [
    {
      "Code": "51000BJ006",
      "Content": "Außenhandel, Ausfuhr: Wert, Einfuhr: Wert, Ausfuhr: Gewicht, Einfuhr: Gewicht, BM Ausfuhr, BM Einfuhr, Warenverzeichnis Außenhandelsstatistik 8-Steller, Deutschland insgesamt, Jahr",
      "State": "vollständig mit Werten",
      "Time": "2000-2004",
      "LatestUpdate": "08.04.2019 21:41:12h",
      "Information": "false"
    },
    {
      "Code": "51000BM022",
      "Content": "Außenhandel, Ausfuhr: Wert, Einfuhr: Wert, Ausfuhr: Gewicht, Einfuhr: Gewicht, Warengr. d. Ernährungs- u. gewerbl. Wirtsch. (2002), Deutschland insgesamt, Monate, Jahr",
      "State": "vollständig mit Werten",
      "Time": "Januar 2002-August 2002",
      "LatestUpdate": "08.04.2019 21:41:12h",
      "Information": "false"
    }
  ],
  "...gekürztes Beispiel..."
],
  "Statistics": [
    {
      "Code": "51000",
      "Content": "Außenhandel",
      "Cubes": "8",
      "Information": "true"
    }
  ]
}
```

```
[...gekürztes Beispiel...] ],
"Tables": [
  {
    "Code": "61241-0099",
    "Content": "61241BM013 bis 61241BM016, 61241BM018, GP02Y2-H01",
    "Time": ""
  },
  [...gekürztes Beispiel...] ],
"Timeseries": null,
"Variables": [
  {
    "Code": "EGW3",
    "Content": "Warengr. d.Ernährungs- u. gewerbl.Wirtsch. (2002)",
    "Type": "sachlich",
    "Values": "205",
    "Information": "true"
  },
  [...gekürztes Beispiel...] ],
],
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}
```

2.4 Catalogue

Erläuterung

Methods to list objects.

Please note the limitation of requests as described in section 1.7.

Methods

- **cubes:** returns a list of cubes
- **cubes2statistic:** returns a list of cubes related to a statistics
- **cubes2variable:** returns a list of cubes related to a variable
- **jobs:** returns a list of jobs
- **modifieddata:** returns a list of updated objects
- **qualitysigns:** returns a list of quality characteristics
- **results:** returns a list of results tables
- **statistics:** returns a list of statistics
- **statistics2variable:** returns a list of statistics related to a variable
- **tables:** returns a list of tables
- **tables2statistics:** returns a list of tables related to a statistics
- **tables2variables:** returns a list of tables related to a variable
- **terms:** returns a list of terms
- **timeseries:** returns a list of timeseries
- **timeseries2statistic:** returns a list of timeseries related to a statistics
- **timeseries2variable:** returns a list of timeseries related to a variable
- **values:** returns a list of values
- **values2variable:** returns a list of values related to a variable
- **variables:** returns a list of variables
- **variables2statistic:** returns a list of variables related to a statistics

2.4.1 cubes

Explanation

The “cubes” method returns a list of cubes from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>selection</i>	Filters the cubes whose code matches <selection>	1-10 characters *“-Notation

<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/cubes>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "selection": "124*",
  "area": "all",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "cubes"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "selection": "21*",
  }
}
```

```

    "area": "Alle",
    "pagelength": "2",
    "language": "de"
  },
  "List": [
    {
      "Code": "21111LJ001",
      "Content": "Statistik der allgemeinbildenden Schulen, Schüler, Bundesländer, Schulart, Jahrgangsstufen, Geschlecht, Jahr",
      "State": "vollständig mit Werten",
      "Time": "1998-2000",
      "LatestUpdate": "20.06.2002 14:18:21h",
      "Information": "false"
    },
    {
      "Code": "21111LJ002",
      "Content": "Statistik der allgemeinbildenden Schulen, Absolventen/Abgänger, Bundesländer, Schulart, Schulabschlüsse, Geschlecht, Jahr",
      "State": "vollständig mit Werten",
      "Time": "1998-2000",
      "LatestUpdate": "16.04.2019 08:41:37h",
      "Information": "false"
    }
  ],
  "Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz Deutschland - Namensnennung - Version 2.0"
}

```

2.4.2 cubes2statistic

Explanation

The method "cubes2statistic" returns a list of cubes related to the statistics <name> from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the statistics.	1-6 characters
<i>selection</i>	Filters the cubes whose code matches <selection>	1-10 characters "-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle

	Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	external users: Katalog/Öffentlich Meine/Benutzer
Paging		
pagelength	Maximum number of items that will be returned.	max 25000 default=100
General		
language	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/cubes2statistic>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411",
  "selection": "12411B*",
  "area": "all",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "cubes2statistic"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "21111",
    "selection": "21*",
    "area": "Alle",
    "pagelength": "2",
    "language": "de"
  },
}
```

```

    "List": [
      {
        "Code": "21111LJ001",
        "Content": "Statistik der allgemeinbildenden Schulen, Schüler, Bundesländer, Schulart, Jahrgangsstufen, Geschlecht, Jahr",
        "State": "vollständig mit Werten",
        "Time": "1998-2000",
        "LatestUpdate": "20.06.2002 14:18:21h",
        "Information": "false"
      },
      {
        "Code": "21111LJ002",
        "Content": "Statistik der allgemeinbildenden Schulen, Absolventen/Abgänger, Bundesländer, Schulart, Schulabschlüsse, Geschlecht, Jahr",
        "State": "vollständig mit Werten",
        "Time": "1998-2000",
        "LatestUpdate": "16.04.2019 08:41:37h",
        "Information": "false"
      }
    ],
    "Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz Deutschland - Namensnennung - Version 2.0"
  }

```

2.4.3 cubes2variable

Explanation

The method "cubes2variable" returns a list of cubes related to variable <name> from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the variable.	1-6 characters
<i>selection</i>	Filters the cubes whose code matches <selection>	1-10 characters "-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation:	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle

	- Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	external users: Katalog/Öffentlich Meine/Benutzer
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/cubes2variable>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "KREISE",
  "selection": "12*",
  "area": "all",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "cubes2variable"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "GES",
    "selection": "12211*",
    "area": "Alle",
    "pagelength": "7",
    "language": "de"
  }
}
```

```

    "List": [
      {
        "Code": "12211BJ003",
        "Content": "Mikrozensus Grundprogramm, Privathaushalte, Deutschland  
insgesamt, Alter des Haushaltsvorstands (u25-65m), Familienstand,  
Geschlecht, Stichmonat",
        "State": "vollständig mit Werten",
        "Time": "04/1991-04/1999",
        "LatestUpdate": "17.04.2019 07:22:35h",
        "Information": "false"
      }
    ],
    "Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz  
Deutschland – Namensnennung – Version 2.0"
  }

```

2.4.4 jobs

Explanation

The method "jobs" returns a list of batch jobs (i.e. very large tables) according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>selection</i>	Filters the jobs whose code matches <selection>	1-50 characters "*" -Notation
<i>searchcriterion</i>	Criterion to which <selection> is to be applied	- Auftragsstyp - Status - Zeitpunkt
<i>sortcriterion</i>	Criterion to be used to sort the jobs	- Auftragsstyp - Status - Zeitpunkt
<i>type</i>	Type of jobs to be listed	- Alle - Import - Export - Werteabruf - Summenquader berechnen - Datenquader bereinigen
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100

General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/jobs>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "selection": "",
  "searchcriterion": "code",
  "sortcriterion": "code",
  "type": "all",
  "area": "all",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "jobs"
  },
  "Status": {
    "Code": 22,
    "Content": "erfolgreich (Mindestens ein Parameter enthält ungültige Werte. Er wurde angepasst, um den Service starten zu können.: typ)",
    "Type": "Warnung"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "selection": "",
    "searchcriterion": "",
    "sortcriterion": "",
    "type": "Alle",
    "pagelength": "7",
    "language": "de",
    "area": "Benutzer"
  },
  "List": [
    {
      "Content": "",
      "Date": "12.11.2015",
      "Time": "11:13:00",

```

```

    "State": "Fertig",
    "Code": "Werteabruf 51000-0098"
  },
  {
    "Content": "",
    "Date": "12.11.2015",
    "Time": "11:23:00",
    "State": "Fertig",
    "Code": "Werteabruf 51000-0099"
  }
],
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland – Namensnennung – Version 2.0"
}

```

2.4.5 modifieddata

Explanation

The method „modifieddata“ returns a list of objects, recently updated according to the parameters set. Only objects that are also listed under “New data” on the online interface are taken into account.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>selection</i>	Filters the objects whose code matches <selection>	1-15 characters „*“-Notation
<i>type</i>	Type of objects to be listed	- Alle - Tabellen - Statistiken - StatistikUpdates
<i>date</i>	Only those data are listed, that are published or updated after <date>.	„dd.mm.yyyy“ Example: „24.12.2001“
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/modifieddata>

Account data: Fields in HTTP header.
 Further parameter: Fields in request body.
 Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "selection": "",
  "type": "all",
  "date": "20.02.2020",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "modifieddata"
  },
  "Status": {
    "Code": 22,
    "Content": "erfolgreich (Mindestens ein Parameter enthält ungültige Werte. Er wurde angepasst, um den Service starten zu können.: typ)",
    "Type": "Warnung"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "selection": "",
    "type": null,
    "date": "",
    "pagelength": "7",
    "language": "de",
    "area": null
  },
  "List": [
    {
      "Code": "63231",
      "Content": "Einkommens- u. Verbrauchsstichproben: Feinanschr.",
      "Type": "Neue Statistiken",
      "Date": "11.03.2019",
      "Added": ""
    },
    {
      "Code": "12211-0082",
      "Content": "Durchschnittliche Körpergröße, durchschnittliches Körpergewicht, durchschnittlicher Body-Mass-Index: Deutschland, Jahre, Geschlecht, Familienstand, Altersgruppen",
      "Type": "Neue Tabellen",
      "Date": "11.03.2019",
      "Added": ""
    },
    {
      "Code": "71311-0002",

```

```

    "Content": "Schulden beim nicht-Öffentlichen Bereich je Einwohner:
Deutschland, Stichtag zum Quartalsende, Ebenen des Öffentlichen
Gesamthaushalts, Haushalte, Schuldenarten",
    "Type": "Neue Tabellen",
    "Date": "22.03.2019",
    "Added": ""
  },
  {
    "Code": "21811",
    "Content": "Ausgaben, Einnahmen, Personal Öff. Forschungseinr.",
    "Type": "Neue Statistiken",
    "Date": "01.04.2019",
    "Added": ""
  },
  {
    "Code": "41214",
    "Content": "Erhebung über Speisepilze",
    "Type": "Neue Statistiken",
    "Date": "01.04.2019",
    "Added": ""
  },
  {
    "Code": "21811-0001",
    "Content": "Interne Ausgaben für Forschung und Entwicklung:
Deutschland, Jahre, Einrichtungsart",
    "Type": "Neue Tabellen",
    "Date": "01.04.2019",
    "Added": ""
  },
  {
    "Code": "21371",
    "Content": "Hochschulfinanzstatistik",
    "Type": "Neue Statistiken",
    "Date": "03.04.2019",
    "Added": ""
  },
  {
    "Code": "21371-0001",
    "Content": "Ausgaben der Hochschulen: Deutschland, Jahre,
Hochschulart, Fächergruppen",
    "Type": "Neue Tabellen",
    "Date": "03.04.2019",
    "Added": ""
  },
  {
    "Code": "44151",
    "Content": "Konjunkturstatistik im Bauhauptgewerbe",
    "Type": "Aktualisierte Statistiken",
    "Date": "10.05.2019",
    "Added": "Feb 2019"
  },
  {
    "Code": "85421",
    "Content": "Umweltbezogene Steuern und Gebühren",
    "Type": "Neue Statistiken",
    "Date": "10.05.2019",
    "Added": ""
  },
  },

```

```
{
  "Code": "71329",
  "Content": "Jährl. Schulden der sonst. Öff. Fonds, Einr., Unt.",
  "Type": "Neue Statistiken",
  "Date": "13.05.2019",
  "Added": ""
},
{
  "Code": "24231",
  "Content": "Statistik über Zivilsachen",
  "Type": "Neue Statistiken",
  "Date": "15.05.2019",
  "Added": ""
},
{
  "Code": "24231-0001",
  "Content": "Vor dem Amtsgericht erledigte Verfahren in Zivilsachen:
Deutschland, Jahre, Art der Erledigung, Sachgebiete",
  "Type": "Neue Tabellen",
  "Date": "15.05.2019",
  "Added": ""
},
{
  "Code": "21354",
  "Content": "Statistik der Berufsakademien",
  "Type": "Neue Statistiken",
  "Date": "16.05.2019",
  "Added": ""
},
{
  "Code": "21354-0001",
  "Content": "Studierende, Studienanfänger an Berufsakademien:
Bundesländer, Jahre, Nationalität, Geschlecht",
  "Type": "Neue Tabellen",
  "Date": "16.05.2019",
  "Added": ""
},
{
  "Code": "31111",
  "Content": "Statistik der Baugenehmigungen",
  "Type": "Aktualisierte Statistiken",
  "Date": "20.05.2019",
  "Added": "Mär 2019"
},
{
  "Code": "45412",
  "Content": "Monatserhebung im Tourismus",
  "Type": "Aktualisierte Statistiken",
  "Date": "21.05.2019",
  "Added": "Mär 2019"
},
{
  "Code": "46161",
  "Content": "Schieneninfrastrukturstatistik",
  "Type": "Aktualisierte Statistiken",
  "Date": "21.05.2019",
  "Added": "31.12.2017"
}
}
```

```

  ],
  "Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}

```

2.4.6 qualitysigns

Explanation

The method "qualitysigns" returns the list of quality characters from <area>

Syntax

Parameter	Description	Range of values
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP) – request method: GET

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/qualitysigns?language=de>

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/qualitysigns>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```

{
  "language": "de"
}

```

Response

```

{
  "Ident": {
    "Service": "catalogue",
    "Method": "qualitysigns"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "language": "de",
    "username": "*****",
    "password": "*****"
  },
  "List": [
    {
      "Code": "0",
      "Content": "weniger als die Hälfte von 1 in der letzten besetzten
Stelle, jedoch mehr als nichts"
    }
  ]
}

```

```

    },
    {
      "Code": "-",
      "Content": "nichts vorhanden"
    },
    {
      "Code": "...",
      "Content": "Angabe fällt später an"
    },
    {
      "Code": "/",
      "Content": "keine Angaben, da Zahlenwert nicht sicher genug"
    },
    {
      "Code": ".",
      "Content": "Zahlenwert unbekannt oder geheimzuhalten"
    },
    {
      "Code": "x",
      "Content": "Tabellenfach gesperrt, weil Aussage nicht sinnvoll"
    },
    {
      "Code": "()",
      "Content": "Aussagewert eingeschränkt, da der Zahlenwert statistisch
relativ unsicher ist"
    },
    {
      "Code": "p",
      "Content": "vorläufige Zahl"
    },
    {
      "Code": "r",
      "Content": "berichtigte Zahl"
    },
    {
      "Code": "s",
      "Content": "geschätzte Zahl"
    }
  ],
  "Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}

```

2.4.7 results

Explanation

The method "results" returns a list of results tables from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>selection</i>	Filters the results whose code matches <selection>	1-15 characters „*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/results>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "selection": "",
  "area": "all",
  "pagelength": "20",
```

```

    "language": "de"
  }
}
Response
{
  "Ident": {
    "Service": "catalogue",
    "Method": "results"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "selection": "",
    "area": "Benutzer",
    "pagelength": "7",
    "language": "de"
  },
  "List": [
    {
      "Code": "11111-0001",
      "Content": "Gebietsfläche: Bundesländer, Stichtag",
      "Values": "0"
    },
    {
      "Code": "11111-0002",
      "Content": "Gebietsfläche: Kreise, Stichtag",
      "Values": "0"
    },
    {
      "Code": "12411-0001",
      "Content": "Bevölkerung: Deutschland, Stichtag",
      "Values": "0"
    },
    {
      "Code": "12411-0009",
      "Content": "Bevölkerung: Bundesländer, Stichtag",
      "Values": "0"
    },
    {
      "Code": "12411-0014",
      "Content": "Bevölkerung: Kreise, Stichtag, Geschlecht",
      "Values": "0"
    },
    {
      "Code": "12411-0099",
      "Content": "Bevölkerung: Kreise, Stichtag, Geschlecht",
      "Values": "0"
    },
    {
      "Code": "21111-0001",
      "Content": "Schüler: Bundesländer, Jahr",
      "Values": "16"
    }
  ],
}

```

```
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz  
Deutschland - Namensnennung - Version 2.0"  
}
```

2.4.8 statistics

Explanation

The method "statistics" returns a list of statistics according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>selection</i>	Filters the statistics whose code matches <selection>	1-15 characters „*“-Notation
<i>searchcriterion</i>	Criterion to which <selection> is to be applied	- Code - Inhalt
<i>sortcriterion</i>	Criterion to be used to sort the statistics	- Code - Inhalt
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/statistics>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{  
  "username": "YOUR_USERNAME",  
  "password": "YOUR_PASSWORD",  
  "selection": "124*",  
  "searchcriterion": "code",  
  "sortcriterion": "code",  
  "pagelength": "20",  
  "language": "de"  
}
```

```

}
Response
{
  "Ident":{
    "Service":"catalogue",
    "Method":"statistics"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "selection": "4*",
    "searchcriterion": "",
    "sortcriterion": "",
    "pagelength": "7",
    "language": "de",
    "area": "Alle"
  },
  "List": [
    {
      "Code": "41121",
      "Content": "Allgemeine Agrarstrukturerhebung (ASE)",
      "Cubes": "1",
      "Information": "true"
    },
    {
      "Code": "41311",
      "Content": "Repräsentative Viehzählung",
      "Cubes": "1",
      "Information": "true"
    },
    {
      "Code": "42151",
      "Content": "Indizes Auftragseingang, Umsatz im Verarb. Gewerbe",
      "Cubes": "9",
      "Information": "true"
    },
    {
      "Code": "42251",
      "Content": "Kostenstrukturerhebung im Verarb. Gewerbe, Bergbau",
      "Cubes": "1",
      "Information": "true"
    },
    {
      "Code": "43311",
      "Content": "Monatsbericht über die Elektrizitätsversorgung",
      "Cubes": "1",
      "Information": "true"
    },
    {
      "Code": "44111",
      "Content": "Monatsbericht im Bauhauptgewerbe: alle Betriebe",
      "Cubes": "4",
      "Information": "true"
    }
  ]
}

```

```

    },
    {
      "Code": "44111Z",
      "Content": "Bauhauptgewerbe: Betriebe mit 20 u.m. Beschäftigten",
      "Cubes": "7",
      "Information": "true"
    }
  ],
  "Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz  
Deutschland - Namensnennung - Version 2.0"
}

```

2.4.9 statistics2variable

Explanation

The method "statistics2variable" returns a list of statistics related to variable <name> from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name des Merkmals.	1-15 characters
<i>selection</i>	Filters the statistics whose code matches <selection>	1-15 characters "-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
<i>searchcriterion</i>	Criterion to which <selection> is to be applied	- Code - Inhalt
<i>sortcriterion</i>	Criterion to be used to sort the statistics	- Code - Inhalt
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100

General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

https://genesis.destatis.de/genesisWS/rest/2020/catalogue/statistics2variable

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "KREISE",
  "selection": "12*",
  "area": "all",
  "searchcriterion": "code",
  "sortcriterion": "code",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "statistics2variable"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "GES",
    "selection": "1*",
    "area": "Öffentlich",
    "searchcriterion": "",
    "sortcriterion": "",
    "pagelength": "7",
    "language": "de"
  },
  "List": [
    {
      "Code": "12211",
      "Content": "Mikrozensus Grundprogramm",
      "Cubes": "3",

```

```
    "Information": "true"
  },
  {
    "Code": "12411",
    "Content": "Fortschreibung des Bevölkerungsstandes",
    "Cubes": "8",
    "Information": "true"
  },
  {
    "Code": "124TG",
    "Content": "Fortschreibung des Bevölkerungsstandes/Testgruppe",
    "Cubes": "1",
    "Information": "true"
  },
  {
    "Code": "12511",
    "Content": "Einbürgerungsstatistik",
    "Cubes": "3",
    "Information": "true"
  },
  {
    "Code": "12521",
    "Content": "Ausländerstatistik",
    "Cubes": "5",
    "Information": "true"
  },
  {
    "Code": "12613",
    "Content": "Statistik der Sterbefälle",
    "Cubes": "1",
    "Information": "false"
  },
  {
    "Code": "12711",
    "Content": "Wanderungsstatistik",
    "Cubes": "2",
    "Information": "true"
  }
],
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz  
Deutschland – Namensnennung – Version 2.0"
}
```

2.4.10 tables

Explanation

The method "tables" returns a list of tables from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>selection</i>	Filters the tables whose code matches <selection>	1-15 characters "*"-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
<i>searchcriterion</i>	Criterion to which <selection> is to be applied	- Code
<i>sortcriterion</i>	Criterion to be used to sort the tables	- Code - Top
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/tables>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "selection": "124*",
  "area": "all",
  "searchcriterion": "",
  "sortcriterion": "",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "tables"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "selection": "1*",
    "area": "Alle",
    "searchcriterion": "",
    "sortcriterion": "",
    "pagelength": "11",
    "language": "de"
  },
  "List": [
    {
      "Code": "11111-0001",
      "Content": "Gebietsfläche: Bundesländer, Stichtag",
      "Time": "31.12.1800 - 31.12.2005"
    },
    {
      "Code": "11111-0002",
      "Content": "Gebietsfläche: Kreise, Stichtag",
      "Time": "31.12.1995 - 31.12.2010"
    },
    {
      "Code": "11111-0003",
      "Content": "Gebietsstand: Stichtag, Bundesländer",
      "Time": "31.12.1800 - 31.12.2005"
    },
    {
      "Code": "11111-0100",
      "Content": "Gebietsfläche: Gemeinden, Stichtag",
      "Time": ""
    },
    {
      "Code": "12211-0001",
      "Content": "Privathaushalte: Deutschland, Stichmonat",
      "Time": "04/1991 - 04/1999"
    }
  ],
}
```

```

{
  "Code": "12211-0002",
  "Content": "Privathaushalte: Deutschland, Stichmonat, Zahl der Kinder
unter 18 Jahren usw.",
  "Time": "05/1992 - 04/1999"
},
{
  "Code": "12211-0003",
  "Content": "Privathaushalte: Deutschland, Stichmonat,
Haushaltsgrößen",
  "Time": "04/1991 - 04/1999"
}
],
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}

```

2.4.11 tables2statistics

Explanation

The method "tables2statistics" returns a list of tables related to statistics <name> from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the statistics.	1-15 characters
<i>selection</i>	Filters the tables whose code matches <selection>	1-15 characters "-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		

<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English
-----------------	--	---------------------------------

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/tables2statistic>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411",
  "selection": "12411*",
  "area": "all",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "tables2statistic"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "12411",
    "selection": "1*",
    "area": "Alle",
    "pagelength": "7",
    "language": "de"
  },
  "List": [
    {
      "Code": "12411-0001",
      "Content": "Bevölkerung: Deutschland, Stichtag",
      "Time": "31.12.1970 - 31.12.2006"
    },
    {
      "Code": "12411-0002",
      "Content": "Bevölkerung: Deutschland, Stichtag, Nationalität",
      "Time": "31.12.1970 - 31.12.2006"
    }
  ]
}
```

```
{
  "Code": "12411-0003",
  "Content": "Bevölkerung: Deutschland, Stichtag, Geschlecht",
  "Time": "31.12.1970 - 31.12.2006"
},
{
  "Code": "12411-0004",
  "Content": "Bevölkerung: Deutschland, Stichtag, Familienstand",
  "Time": ""
},
{
  "Code": "12411-0005",
  "Content": "Bevölkerung: Deutschland, Stichtag, Altersjahre",
  "Time": "31.12.1991 - 31.12.2006"
},
{
  "Code": "12411-0006",
  "Content": "Bevölkerung: Deutschland, Stichtag, Altersjahre,
Nationalität/Geschlecht/Familienstand",
  "Time": "31.12.1991 - 31.12.2006"
}
],
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}
```

2.4.12 tables2variable

Explanation

The method "tables2variable" method returns a list of tables related to variable <name> from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the variable.	1-15 characters
<i>selection</i>	Filters the tables whose code matches <selection>	1-15 characters „*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation:	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle

	- Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	external users: Katalog/Öffentlich Meine/Benutzer
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/tables2variable>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "KREISE",
  "selection": "12*",
  "area": "all",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "tables2variable"},
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "GES",
    "selection": "12*",
    "area": "Alle",
    "pagelength": "7",
    "language": "de"
  },
  "List": [
```

```

{
  "Code": "12211-0004",
  "Content": "Privathaushalte: Deutschland, Stichmonat, Geschlecht,
Alter und Familienstand des Haushaltsvorstands",
  "Time": "04/1991 - 04/1999"
},
{
  "Code": "12211-0005",
  "Content": "Privathaushalte: Deutschland, Stichmonat, Geschlecht,
Alter und Familienstand des Haushaltsvorstands",
  "Time": "04/1991 - 04/1999"
},
{
  "Code": "12411-0003",
  "Content": "Bevölkerung: Deutschland, Stichtag, Geschlecht",
  "Time": "31.12.1970 - 31.12.2006"
},
{
  "Code": "12411-0006",
  "Content": "Bevölkerung: Deutschland, Stichtag, Altersjahre,
Nationalität/Geschlecht/Familienstand",
  "Time": "31.12.1991 - 31.12.2006"
},
{
  "Code": "12411-0007",
  "Content": "Bevölkerung: Deutschland, Stichtag, Altersjahre,
Nationalität, Geschlecht/Familienstand",
  "Time": "31.12.1991 - 31.12.2006"
},
{
  "Code": "12411-0008",
  "Content": "Bevölkerung: Deutschland, Stichtag, Altersjahre,
Nationalität, Geschlecht, Familienstand",
  "Time": "31.12.1991 - 31.12.2006"
}
],
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}

```

2.4.13 terms

Explanation

The method "terms" returns a list of terms according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		

<i>selection</i>	Filters the terms whose code matches <selection>	1-15 characters „*“-Notation
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/terms>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "selection": "Schu*",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "terms"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "selection": "C*",
    "pagelength": "11",
    "language": "de",
    "area": "Alle"
  },
  "List": [
    {
      "Content": "c"
    },
    {
      "Content": "c-, l-, u-, z-, omega- o. schlitzprofile"
    }
  ]
}
```

```

    "Content": "caan"
  },
  {
    "Content": "caaschwitz"
  },
  {
    "Content": "cadenberge"
  },
  {
    "Content": "cadmium"
  },
  {
    "Content": "cadmium i. rohform, pulver, abfälle (bis 2001)"
  },
  {
    "Content": "cadmium in rohform, pulver aus cadmium"
  },
  {
    "Content": "cadmium u.waren daraus, einschl. abfälle, schrott"
  },
  {
    "Content": "cadmiumoxid"
  },
  {
    "Content": "cadmiumsulfat"
  }
],
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}

```

2.4.14 timeseries

Explanation

The "timeseries" method returns a list of timeseries from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>selection</i>	Filters the timeseries whose code matches <selection>	1-15 characters „*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle

	Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	external users: Katalog/Öffentlich Meine/Benutzer
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/timeseries>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "selection": "124*",
  "area": "all",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "timeseries"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "selection": "21*",
    "area": "Alle",
    "pagelength": "11",
    "language": "de"
  },
  "List": [
    {
```

```

    "Code": "21111LJ001",
    "Content": "Statistik der allgemeinbildenden Schulen, Schüler,
Bundesländer, Schulart, Jahrgangsstufen, Geschlecht, Jahr",
    "State": "undefiniert",
    "Time": "1998-2000",
    "LatestUpdate": "20.06.2002 14:18:21h",
    "Information": "false"
  },
  {
    "Code": "21111LJ002",
    "Content": "Statistik der allgemeinbildenden Schulen,
Absolventen/Abgänger, Bundesländer, Schulart, Schulabschlüsse, Geschlecht,
Jahr",
    "State": "undefiniert",
    "Time": "1998-2000",
    "LatestUpdate": "16.04.2019 08:41:37h",
    "Information": "false"
  },
  {
    "Code": "21111LJ003",
    "Content": "Statistik der allgemeinbildenden Schulen, Schulanfänger,
Bundesländer, Geschlecht, Einschulungsart, Schulart, Schuljahr",
    "State": "undefiniert",
    "Time": "1999/00-2005/06",
    "LatestUpdate": "16.04.2019 08:41:37h",
    "Information": "false"
  },
  {
    "Code": "21311BS002",
    "Content": "Statistik der Studenten, Studierende, Deutschland
insgesamt, Studienfach, Nationalität, Geschlecht, Semester",
    "State": "undefiniert",
    "Time": "WS 1998/99-WS 2008/09",
    "LatestUpdate": "08.02.2010 10:24:48h",
    "Information": "false"
  }
],
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland – Namensnennung – Version 2.0"
}

```

2.4.15 timeseries2statistic

Explanation

The method "timeseries2statistic" returns a list of timeseries related to statistics <name> from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		

<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the statistics.	1-15 characters
<i>selection</i>	Filters the timeseries whose code matches <selection>	1-15 characters „*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/timeseries2statis tic>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411",
  "selection": "12411B*",
  "area": "all",
  "pagelength": "20",
  "language": "de"
}
```

}

Response

```

{
  "Ident": {
    "Service": "catalogue",
    "Method": "timeseries2statistic"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "12411",
    "selection": "1*",
    "area": "Alle",
    "pagelength": "7",
    "language": "de"
  },
  "List": [
    {
      "Code": "12411BJ001",
      "Content": "Fortschreibung des Bevölkerungsstandes,  
Bevölkerungsstand, Deutschland insgesamt, Nationalität, Geschlecht,  
Familienstand, Altersjahre (u1-85m), Stichtag",
      "State": "undefiniert",
      "Time": "31.12.1991-31.12.2006",
      "LatestUpdate": "17.04.2019 07:22:35h",
      "Information": "false"
    },
    {
      "Code": "12411BJ002",
      "Content": "Fortschreibung des Bevölkerungsstandes,  
Bevölkerungsstand, Deutschland insgesamt, Nationalität, Geschlecht,  
Familienstand, Stichtag",
      "State": "undefiniert",
      "Time": "31.12.1991-31.12.2006",
      "LatestUpdate": "17.04.2019 07:22:35h",
      "Information": "false"
    },
    {
      "Code": "12411BJ003",
      "Content": "Fortschreibung des Bevölkerungsstandes,  
Bevölkerungsstand, Deutschland insgesamt, Nationalität, Geschlecht,  
Altersjahre (u1-85m), Stichtag",
      "State": "undefiniert",
      "Time": "",
      "LatestUpdate": "17.04.2019 07:22:35h",
      "Information": "false"
    },
    {
      "Code": "12411BJ004",
      "Content": "Fortschreibung des Bevölkerungsstandes,  
Bevölkerungsstand, Deutschland insgesamt, Nationalität, Geschlecht,  
Stichtag",
      "State": "undefiniert",
    }
  ]
}

```

```

    "Time": "31.12.1970-31.12.2006",
    "LatestUpdate": "17.04.2019 07:22:35h",
    "Information": "false"
  },
  {
    "Code": "12411GV002",
    "Content": "Fortschreibung des Bevölkerungsstandes, Gebietsfläche,
    Bevölkerungsdichte, Gemeinden, Stichtag",
    "State": "undefiniert",
    "Time": "31.12.2008",
    "LatestUpdate": "17.04.2019 07:22:35h",
    "Information": "false"
  },
  {
    "Code": "12411GV003",
    "Content": "Fortschreibung des Bevölkerungsstandes,
    Bevölkerungsstand, Gemeinden, Geschlecht, Stichtag",
    "State": "undefiniert",
    "Time": "31.12.2008",
    "LatestUpdate": "17.04.2019 07:22:35h",
    "Information": "false"
  },
  {
    "Code": "12411KJ001",
    "Content": "Fortschreibung des Bevölkerungsstandes,
    Bevölkerungsstand, Kreise, Altersgruppen (u3-75m), Geschlecht, Stichtag",
    "State": "undefiniert",
    "Time": "31.12.1995-31.12.2006",
    "LatestUpdate": "17.04.2019 07:22:35h",
    "Information": "false"
  }
],
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland – Namensnennung – Version 2.0"
}

```

2.4.16 timeseries2variable

Explanation

The method "timeseries2variable" returns a list of timeseries related to variable <name> from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
username	User name or personal token	10 characters
		32 characters

<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the variable	1-15 characters
<i>selection</i>	Filters the timeseries whose code matches <selection>	1-15 characters "*"-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/timeseries2variable>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "KREISE",
  "selection": "12*",
  "area": "all",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "timeseries2variable"
  },
}
```

```

"Status": {
  "Code": 0,
  "Content": "erfolgreich",
  "Type": "Information"
},
"Parameter": {
  "username": "*****",
  "password": "*****",
  "name": "GES",
  "selection": "12*",
  "area": "Alle",
  "pagelength": "7",
  "language": "de"
},
>List": [
  {
    "Code": "12211BJ003",
    "Content": "Mikrozensus Grundprogramm, Privathaushalte, Deutschland  
insgesamt, Alter des Haushaltsvorstands (u25-65m), Familienstand,  
Geschlecht, Stichmonat",
    "State": "undefiniert",
    "Time": "04/1991-04/1999",
    "LatestUpdate": "17.04.2019 07:22:35h",
    "Information": "false"
  },
  {
    "Code": "12411BJ001",
    "Content": "Fortschreibung des Bevölkerungsstandes,  
Bevölkerungsstand, Deutschland insgesamt, Nationalität, Geschlecht,  
Familienstand, Altersjahre (u1-85m), Stichtag",
    "State": "undefiniert",
    "Time": "31.12.1991-31.12.2006",
    "LatestUpdate": "17.04.2019 07:22:35h",
    "Information": "false"
  },
  {
    "Code": "12411BJ002",
    "Content": "Fortschreibung des Bevölkerungsstandes,  
Bevölkerungsstand, Deutschland insgesamt, Nationalität, Geschlecht,  
Familienstand, Stichtag",
    "State": "undefiniert",
    "Time": "31.12.1991-31.12.2006",
    "LatestUpdate": "17.04.2019 07:22:35h",
    "Information": "false"
  },
  {
    "Code": "12411BJ003",
    "Content": "Fortschreibung des Bevölkerungsstandes,  
Bevölkerungsstand, Deutschland insgesamt, Nationalität, Geschlecht,  
Altersjahre (u1-85m), Stichtag",
    "State": "undefiniert",
    "Time": "",
    "LatestUpdate": "17.04.2019 07:22:35h",
    "Information": "false"
  },
  {
    "Code": "12411BJ004",

```

```

    "Content": "Fortschreibung des Bevölkerungsstandes,
Bevölkerungsstand, Deutschland insgesamt, Nationalität, Geschlecht,
Stichtag",
    "State": "undefiniert",
    "Time": "31.12.1970-31.12.2006",
    "LatestUpdate": "17.04.2019 07:22:35h",
    "Information": "false"
  },
  {
    "Code": "12411GV003",
    "Content": "Fortschreibung des Bevölkerungsstandes,
Bevölkerungsstand, Gemeinden, Geschlecht, Stichtag",
    "State": "undefiniert",
    "Time": "31.12.2008",
    "LatestUpdate": "17.04.2019 07:22:35h",
    "Information": "false"
  },
  {
    "Code": "12411KJ001",
    "Content": "Fortschreibung des Bevölkerungsstandes,
Bevölkerungsstand, Kreise, Altersgruppen (u3-75m), Geschlecht, Stichtag",
    "State": "undefiniert",
    "Time": "31.12.1995-31.12.2006",
    "LatestUpdate": "17.04.2019 07:22:35h",
    "Information": "false"
  }
],
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}

```

2.4.17 values

Explanation

The method "values" returns a list of values from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
username	User name or personal token	10 characters 32 characters (token)
password	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		

<i>selection</i>	Filters the values whose code matches <selection>	1-15 characters ""-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
<i>searchcriterion</i>	Criterion to which <selection> is to be applied	- Code - Inhalt
<i>sortcriterion</i>	Criterion to be used to sort the values	- Code - Inhalt
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/values>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "selection": "0124*",
  "area": "all",
  "searchcriterion": "code",
  "sortcriterion": "code",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "values"
  }
}
```

```

},
"Status": {
  "Code": 22,
  "Content": "erfolgreich (Mindestens ein Parameter enthält ungültige
Werte. Er wurde angepasst, um den Service starten zu können.:
searchcriterion, sortcriterion)",
  "Type": "Warnung"
},
"Parameter": {
  "username": "*****",
  "password": "*****",
  "selection": "B*",
  "searchcriterion": "code",
  "sortcriterion": "code",
  "pagelength": "11",
  "language": "de",
  "area": "Alle"
},
>List": [
  {
    "Code": "B90-GRUENE",
    "Content": "Bündnis 90/Grüne",
    "Variables": "5",
    "Information": "true"
  },
  {
    "Code": "BAUART",
    "Content": "Hoch- und Tiefbau",
    "Variables": "2",
    "Information": "true"
  },
  {
    "Code": "BAUART1",
    "Content": "Hochbau",
    "Variables": "2",
    "Information": "true"
  },
  {
    "Code": "BAUART11",
    "Content": "Wohnungsbau",
    "Variables": "3",
    "Information": "true"
  },
  {
    "Code": "BAUART12",
    "Content": "Hochbau ohne Wohnungsbau",
    "Variables": "2",
    "Information": "true"
  },
  {
    "Code": "BAUART121",
    "Content": "Gewerblicher Hochbau",
    "Variables": "1",
    "Information": "false"
  },
  {
    "Code": "BAUART1211",
    "Content": "Gewerblicher Hochbau ohne Bahn und Post",

```

```

    "Variables": "1",
    "Information": "true"
  },
  {
    "Code": "BAUART1212",
    "Content": "Hochbauten für Bahn und Post",
    "Variables": "1",
    "Information": "true"
  },
  {
    "Code": "BAUART122",
    "Content": "Öffentlicher Hochbau",
    "Variables": "1",
    "Information": "false"
  },
  {
    "Code": "BAUART1221",
    "Content": "Hochbauten f. Körperschaften d. Öffentl. Rechts",
    "Variables": "1",
    "Information": "true"
  },
  {
    "Code": "BAUART1222",
    "Content": "Hochbauten f. Organisationen ohne Erwerbszweck",
    "Variables": "1",
    "Information": "true"
  }
],
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}

```

2.4.18 values2variable

Explanation

The method "values2variable" returns a list of values related to variable <name> from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the variable.	1-15 characters
<i>selection</i>	Filters the values whose code matches <selection>	1-15 characters „*“-Notation

<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
<i>searchcriterion</i>	Criterion to which <selection> is to be applied	- Code - Inhalt
<i>sortcriterion</i>	Criterion to be used to sort the values	- Code - Inhalt
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/values2variable>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "KREISE",
  "selection": "12*",
  "area": "all",
  "searchcriterion": "code",
  "sortcriterion": "code",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "values2variable"
  },
}
```

```

    "Status": {
      "Code": 22,
      "Content": "erfolgreich (Mindestens ein Parameter enthält ungültige
Werte. Er wurde angepasst, um den Service starten zu können.:
searchcriterion, sortcriterion)",
      "Type": "Warnung"
    },
    "Parameter": {
      "username": "*****",
      "password": "*****",
      "name": "DLAND",
      "selection": "1*",
      "area": "Alle",
      "searchcriterion": "code",
      "sortcriterion": "code",
      "pagelength": "7",
      "language": "de"
    },
    "List": [
      {
        "Code": "11",
        "Content": "Berlin",
        "Variables": "4",
        "Information": "false"
      },
      {
        "Code": "12",
        "Content": "Brandenburg",
        "Variables": "5",
        "Information": "false"
      },
      {
        "Code": "13",
        "Content": "Mecklenburg-Vorpommern",
        "Variables": "5",
        "Information": "false"
      },
      {
        "Code": "10",
        "Content": "Saarland",
        "Variables": "5",
        "Information": "false"
      },
      {
        "Code": "14",
        "Content": "Sachsen",
        "Variables": "6",
        "Information": "false"
      },
      {
        "Code": "15",
        "Content": "Sachsen-Anhalt",
        "Variables": "5",
        "Information": "false"
      },
      {
        "Code": "16",
        "Content": "Thüringen",

```

```

    "Variables": "5",
    "Information": "false"
  }
],
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland – Namensnennung – Version 2.0"
}

```

2.4.19 variables

Explanation

The method “variables” returns a list of variables from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>selection</i>	Filters the variables whose code matches <selection>	1-6 characters “*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
<i>searchcriterion</i>	Criterion to which <selection> is to be applied	- Code - Inhalt
<i>sortcriterion</i>	Criterion to be used to sort the variables	- Code - Inhalt
<i>type</i>	Type of variables to be listed	- Alle - klassifizierend - insgesamt - räumlich - sachlich - wert - zeitlich - zeitidentifizierend
Paging		

<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/catalogue/variables>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "selection": "FA*",
  "area": "all",
  "searchcriterion": "code",
  "sortcriterion": "code",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "variables"
  },
  "Status": {
    "Code": 22,
    "Content": "erfolgreich (Mindestens ein Parameter enthält ungültige Werte. Er wurde angepasst, um den Service starten zu können.: searchcriterion, sortcriterion)",
    "Type": "Warnung"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "selection": "B*",
    "area": "Alle",
    "searchcriterion": "code",
    "sortcriterion": "code",
    "type": "Alle",
    "pagelength": "11",
    "language": "de"
  },
  "List": [
    {
      "Code": "BAU003",
```

```
"Content": "Baumaßnahmen",
>Type": "Wert",
>Values": "-1",
>Information": "false"
},
{
>Code": "BAU015",
>Content": "Gebäude",
>Type": "Wert",
>Values": "-1",
>Information": "true"
},
{
>Code": "BAU016",
>Content": "Gebäude/Baumaßnahmen",
>Type": "Wert",
>Values": "-1",
>Information": "false"
},
{
>Code": "BAUAT1",
>Content": "Bauarten",
>Type": "sachlich",
>Values": "7",
>Information": "true"
},
{
>Code": "BAUAT2",
>Content": "Bauarten",
>Type": "sachlich",
>Values": "9",
>Information": "true"
},
{
>Code": "BAUAT7",
>Content": "Bauart",
>Type": "sachlich",
>Values": "19",
>Information": "true"
},
{
>Code": "BAUAT8",
>Content": "Bauleistungsart",
>Type": "sachlich",
>Values": "35",
>Information": "true"
},
{
>Code": "BAUAX1",
>Content": "Bauarten",
>Type": "sachlich",
>Values": "11",
>Information": "false"
},
{
>Code": "BAUF01",
>Content": "Wohngebäude und Nichtwohngebäude",
>Type": "sachlich",
```

```
    "Values": "2",  
    "Information": "true"  
  },  
  {  
    "Code": "BAUF02",  
    "Content": "Gebäudeart",  
    "Type": "sachlich",  
    "Values": "2",  
    "Information": "true"  
  },  
  {  
    "Code": "BAUF03",  
    "Content": "Gebäudeart nach Wohneinheiten",  
    "Type": "sachlich",  
    "Values": "5",  
    "Information": "true"  
  }  
],  
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz  
Deutschland - Namensnennung - Version 2.0"  
}
```

2.4.20 variables2statistic

Explanation

The method "variables2statistic" returns a list of variables related to statistics <name> from <area> according to the parameters set.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the statistics.	1-15 characters
<i>selection</i>	Filters the variables whose code matches <selection>	1-6 characters ""-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
<i>searchcriterion</i>	Criterion to which <selection> is to be applied	- Code - Inhalt
<i>sortcriterion</i>	Criterion to be used to sort the variables	- Code - Inhalt
<i>type</i>	Type of variables to be listed	- klassifizierend - insgesamt - räumlich - sachlich - wert - zeitlich - zeitidentifizierend - alle
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	max 25000 default=100
General		

<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English
-----------------	--	---

Request – request method: POST

https://genesis.destatis.de/genesisWS/rest/2020/catalogue/variables2statistic

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411",
  "selection": "12411B*",
  "area": "all",
  "searchcriterion": "code",
  "sortcriterion": "code",
  "Type": "all",
  "pagelength": "20",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "catalogue",
    "Method": "variables2statistic"
  },
  "Status": {
    "Code": 22,
    "Content": "erfolgreich (Mindestens ein Parameter enthält ungültige Werte. Er wurde angepasst, um den Service starten zu können.: searchcriterion, sortcriterion)",
    "Type": "Warnung"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "12411",
    "selection": "A*",
    "area": "Alle",
    "searchcriterion": "code",
    "sortcriterion": "code",
    "type": null,
    "pagelength": "2",
    "language": "de"
  },
  "List": [
    {
      "Code": "ALT013",
```

```
"Content": "Altersjahre (u1-85m)",  
"Type": "sachlich",  
"Values": "-1",  
"Information": "true"  
},  
{  
  "Code": "ALT102",  
  "Content": "Altersjahre (u1-95m)",  
  "Type": "sachlich",  
  "Values": "-1",  
  "Information": "true"  
},  
],  
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz  
Deutschland - Namensnennung - Version 2.0"  
}
```

2.5 Data

Explanation

Methods to download data.

Please note the limitation of requests as described in section 1.7.

Methods

- **chart2result:** Returns a chart related to a results table
- **chart2table:** Returns a chart related to a table
- **chart2timeseries:** Returns a chart related to a timeseries
- **cube:** Returns a cube included in a JSON response
- **cubefile:** Returns a cube as a file download
- **map2result:** Returns a map related to a results table
- **map2table:** Returns a map related to a table
- **map2timeseries:** Returns a map related to a timeseries
- **result:** Returns a table included in a JSON response
- **resultfile:** Returns a result as a file download
- **table:** Returns a results table included in a JSON response
- **tablefile:** Returns a table as a file download
- **timeseries:** Returns a timeseries included in a JSON response
- **timeseriesfile:** Returns a timeseries as file

2.5.1 chart2result

Explanation

The method "chart2result" returns a chart related to results table <name> from <area> according to the parameters set as a file download in the png format.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		
<i>name</i>	Name of the result.	1-15 characters „*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows:	internal users: Meine/Benutzer

	- Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
Special (chart)		
<i>chartType</i>	Type of chart	- 0 - line chart - 1 – bar chart - 2 – pie chart - 3 - cloud of dots
<i>drawPoints</i>	Show marker dots in the chart? (only applies to line charts)	- true - false (default)
<i>zoom</i>	Number of pixels / resolution	- 0 – 480x320 - 1 – 640x480 - 2 – 800x600 - 3 – 1024x768
<i>focus</i>	Compresses the value axis (y axis) to the value interval needed	- true - false (default)
<i>tops</i>	Chart type 2 (pie chart): limit number of segments to top 5 segments and group all other segments (tops=true) or show all segments (tops=false). All other chart types: limit to top 4 lines/bars (tops=true) or the first 4 lines/bars (tops=false) in order.	- true - false (default)
Result		
<i>format</i>	file format	- png
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/chart2result>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
```

```

    "password": "YOUR_PASSWORD",
    "name": "12411-0001",
    "area": "all",
    "chartType": "0",
    "drawPoints": "false",
    "zoom": "2",
    "focus": "false",
    "tops": "false",
    "format": "png",
    "language": "de"
  }

```

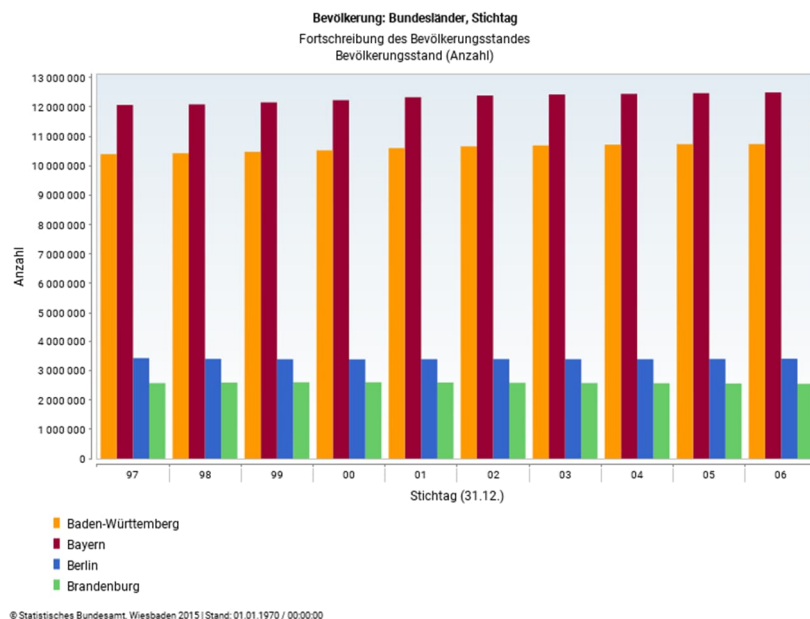
Response

```

Error      {
  "Ident": {
    "Service": "data",
    "Method": "chart2result"
  },
  "Status": {
    "Code": 104,
    "Content": "Es gibt keine Objekte zum angegebenen
Selektionskriterium",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "gibtsnicht",
    "area": "Alle",
    "charttype": "1",
    "drawpoints": "false",
    "zoom": "2",
    "focus": "false",
    "tops": "false",
    "language": "de",
    "format": "png"
  },
  "Object": null,
  "Copyright": "\"© Statistisches Bundesamt (Destatis), 2020;
Datenlizenz Deutschland - Namensnennung - Version 2.0"
}

```

Success



2.5.2 chart2table

Explanation

The method "chart2table" returns a chart related to table <name> from <area> according to the parameters set as a file download in the png format.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		
<i>name</i>	Name of the table.	1-10 characters "-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog	internal users: Meine/Benutzer Gruppe Amt

	Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
Special (chart)		
<i>chartType</i>	Type of chart	- 0 - line chart - 1 – bar chart - 2 – pie chart - 3 - cloud of dots
<i>drawpoints</i>	Show marker dots in the chart? (only applies to line charts)	- true - false (default)
<i>zoom</i>	Number of pixels / resolution	- 0 – 480x320 - 1 – 640x480 - 2 – 800x600 - 3 – 1024x768
<i>focus</i>	Compresses the value axis (y axis) to the value interval needed	- true - false (default)
<i>tops</i>	Chart type 2 (pie chart): limit number of segments to top 5 segments and group all other segments (tops=true) or show all segments (tops=false). All other chart types: limit to top 4 lines/bars (tops=true) or the first 4 lines/bars (tops=false) in order.	- true - false (default)
Selection		
<i>startyear</i>	Data starting this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between "1900" and "2100"
<i>endyear</i>	Data ending this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between "1900" and "2100"
<i>timeslices</i>	Number of recent time slices that shall be exported. This parameter takes precedence over both "startyear" and "endyear".	positive integer
<i>regionalvariable</i>	"code" of the regional variable to which the selection "regionalkey" is to be applied	1-6 characters
<i>regionalkey</i>	Application of the Official Municipality Code (AGS); several codes can be indicate, separated by ", ".	1-8 characters "*" notation

<i>classifyingvariable1</i>	"code" of the subject variable to which the selection "classifyingkey1" is to be applied	1-6 characters
<i>classifyingkey1</i>	Attributes of a subject variable (e.g. WZ93012). Several codes can be indicated, separated by a comma. Asterisks (*) can be used. Selection for „classifyingvariable1“	1-15 characters "*" notation
<i>classifyingvariable2</i>	"code" of the second subject variable to which the selection "classifyingkey2" is to be applied	1-6 characters
<i>classifyingkey2</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable2"	1-15 characters "*" notation
<i>classifyingvariable3</i>	"code" of the third subject variable to which the selection "classifyingkey3" is to be applied	1-6 characters
<i>classifyingkey3</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable3"	1-15 characters "*" notation
Result		
<i>format</i>	file format	- png
Processing		
<i>stand</i>	The chart will be produced only if the data are more recent than this date.	"dd.mm.yyyy hh:mm" or "dd.mm.yyyy" Example: "24.12.2001 19:15"
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/chart2table>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411-0001",
  "area": "all",
  "chartType": "0",
  "drawPoints": "false",
```

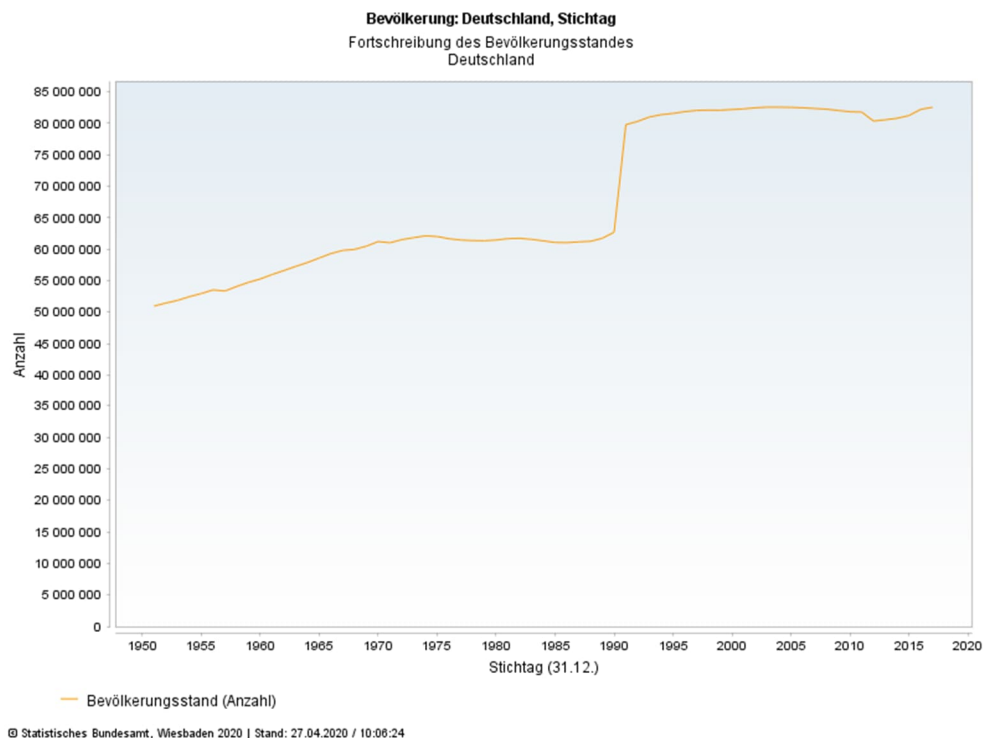
```

    "zoom": "2",
    "focus": "false",
    "tops": "false",
    "startyear": "",
    "endyear": "",
    "timeslices": "",
    "regionalvariable": "",
    "regionalkey": "",
    "classifyingvariable1": "",
    "classifyingkey1": "",
    "classifyingvariable2": "",
    "classifyingkey2": "",
    "classifyingvariable3": "",
    "classifyingkey3": "",
    "format": "png",
    "stand": "01.01.1970",
    "language": "de"
  }
}

Response
Error
{
  "Ident": {
    "Service": "data",
    "Method": "chart2table"
  },
  "Status": {
    "Code": 104,
    "Content": "Es gibt keine Objekte zum angegebenen  
Selektionskriterium",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "12411-0001",
    "area": "Alle",
    "startyear": "",
    "endyear": "",
    "timeslices": "",
    "regionalvariable": "",
    "regionalkey": "",
    "classifyingvariable1": "",
    "classifyingkey1": "",
    "classifyingvariable2": "",
    "classifyingkey2": "",
    "classifyingvariable3": "",
    "classifyingkey3": "",
    "format": "png",
    "stand": "",
    "language": "de"
  },
  "Object": null,
  "Copyright": "© Statistisches Bundesamt (Destatis), 2020;  
Datenlizenz Deutschland – Namensnennung – Version 2.0"
}

```

Success



2.5.3 chart2timeseries

Explanation

The method "chart2timeseries" returns a chart related to timeseries <name> from <area> according to the parameters set as a file download in the png format.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		
<i>name</i>	Name of the timeseries.	1-15 characters „*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer

	- Katalog/Öffentlich catalogue/public - Alle all	
Special (chart)		
<i>chartType</i>	Type of chart	- 0 - line chart - 1 – bar chart - 2 – pie chart - 3 - cloud of dots
<i>drawpoints</i>	Show marker dots in the chart? (only applies to line charts)	- true - false (default)
<i>zoom</i>	Number of pixels / resolution	- 0 – 480x320 - 1 – 640x480 - 2 – 800x600 - 3 – 1024x768
<i>focus</i>	Compresses the value axis (y axis) to the value interval needed	- true - false (default)
<i>tops</i>	Chart type 2 (pie chart): limit number of segments to top 5 segments and group all other segments (tops=true) or show all segments (tops=false). All other chart types: limit to top 4 lines/bars (tops=true) or the first 4 lines/bars (tops=false) in order.	- true - false (default)
Selection		
<i>contents</i>	Names of the contents (value variables)	Any number of names, separated by “,” without blank. Every name has 1-6 characters.
<i>startyear</i>	Data starting this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>endyear</i>	Data ending this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>timeslices</i>	Number of recent time slices that are to be exported.	positive integer
<i>regionalvariable</i>	“code” of the regional variable to which the selection “regionalkey” is to be applied	1-6 characters
<i>regionalkey</i>	Application of the Official Municipality Code (AGS); several codes can be indicate, separated by “,”.	1-8 characters “*” notation
<i>classifyingvariable1</i>	“code” of the subject variable to which the selection “classifyingkey1” is to be applied	1-6 characters

<i>classifyingkey1</i>	Attributes of a subject variable (e.g. WZ93012). Several codes can be indicated, separated by a comma. Asterisks (*) can be used. Selection for „classifyingvariable1“	1-15 characters "*" notation
<i>classifyingvariable2</i>	"code" of the second subject variable to which the selection "classifyingkey2" is to be applied	1-6 characters
<i>classifyingkey2</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable2"	1-15 characters "*" notation
<i>classifyingvariable3</i>	"code" of the third subject variable to which the selection "classifyingkey3" is to be applied	1-6 characters
<i>classifyingkey3</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable3"	1-15characters "*" notation
Result		
<i>format</i>	file format	- png
Processing		
<i>stand</i>	The time series will be produced only if the data are more recent than this date.	"dd.mm.yyyy hh:mm" or "dd.mm.yyyy" Example: "24.12.2001 19:15"
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/chart2timeseries>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "11111LJ001",
  "area": "all",
  "chartType": "0",
  "drawPoints": "false",
  "zoom": "2",
  "focus": "false",
```

```

"tops": "false",
"contents": "",
"startyear": "",
"endyear": "",
"timeslices": "",
"regionalvariable": "",
"regionalkey": "",
"classifyingvariable1": "",
"classifyingkey1": "",
"classifyingvariable2": "",
"classifyingkey2": "",
"classifyingvariable3": "",
"classifyingkey3": "",
"format": "png",
"stand": "01.01.1970",
"language": "de"
}

```

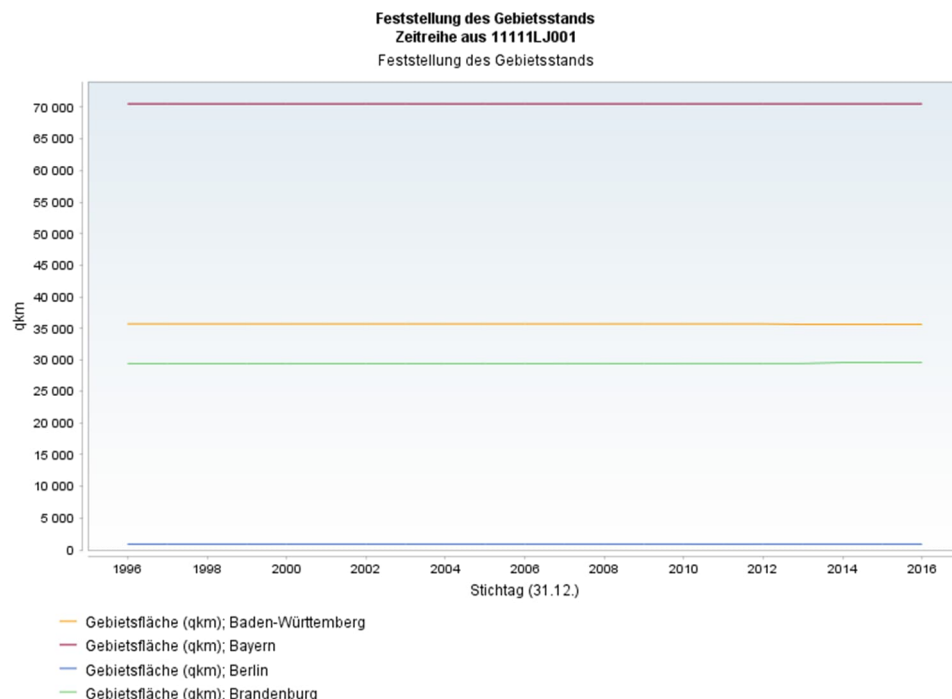
Response

```

Error {
  "Ident": {
    "Service": "data",
    "Method": "chart2timeseries"
  },
  "Status": {
    "Code": 104,
    "Content": "Es gibt keine Objekte zum angegebenen
Selektionskriterium",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "11111LJ001",
    "area": "Alle",
    "contents": "",
    "startyear": "",
    "endyear": "",
    "timeslices": "",
    "regionalvariable": "",
    "regionalkey": "",
    "classifyingvariable1": "",
    "classifyingkey1": "",
    "classifyingvariable2": "",
    "classifyingkey2": "",
    "classifyingvariable3": "",
    "classifyingkey3": "",
    "stand": "",
    "language": "de",
    "format": "png"
  },
  "Object": null,
  "Copyright": ""© Statistisches Bundesamt (Destatis), 2020;
Datenlizenz Deutschland – Namensnennung – Version 2.0"
}

```

Success



© Statistisches Bundesamt, Wiesbaden 2020 | Stand: 27.04.2020 / 10:53:26

2.5.4 cube

Explanation

The method “cube” returns cube <name> from <area> according to the parameters set in the csv-format included in a JSON response.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		
<i>name</i>	Name of the cube.	1-10 characters „*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer

	- Katalog/Öffentlich catalogue/public - Alle all	
Special (cube)		
<i>values</i>	Export values?	- true (default) - false
<i>metadata</i>	Export metadata?	- true (default) - false
<i>additional</i>	Export corresponding metadata?	- true - false (default)
Selection		
<i>contents</i>	Names of the contents (value variables)	Any number of names, separated by “,” without blank. Every name has 1-6 characters.
<i>startyear</i>	Data starting this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>endyear</i>	Data ending this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>timeslices</i>	Number of recent time slices that are to be exported.	positive integer
<i>regionalvariable</i>	“code” of the regional variable to which the selection “regionalkey” is to be applied	1-6 characters
<i>regionalkey</i>	Application of the Official Municipality Code (AGS); several codes can be indicate, separated by “,”.	1-8 characters; “*” notation
<i>classifyingvariable1</i>	“code” of the subject variable to which the selection “classifyingkey1” is to be applied	1-6 characters
<i>classifyingkey1</i>	Attributes of a subject variable (e.g. WZ93012). Several codes can be indicated, separated by a comma. Asterisks (*) can be used. Selection for „classifyingvariable1“	1-15 characters “*” notation
<i>classifyingvariable2</i>	“code” of the second subject variable to which the selection “classifyingkey2” is to be applied	1-6 characters
<i>classifyingkey2</i>	Attributes of a subject variable (e.g. WZ93012). Selection for “classifyingvariable2”	1-15 characters “*” notation
<i>classifyingvariable3</i>	“code” of the third subject variable to which the selection “classifyingkey3” is to be applied	1-6 characters

<i>classifyingkey3</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable3"	1-15characters "*" notation
result		
<i>format</i>	File format	- csv
Processing		
<i>stand</i>	The cube will be produced only if the data are more recent than this date.	"dd.mm.yyyy hh:mm" or "dd.mm.yyyy" Example: "24.12.2001 19:15"
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/cube>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411BJ001",
  "area": "all",
  "values": "true",
  "metadata": "true",
  "additional": "false",
  "startyear": "",
  "endyear": "",
  "timeslices": "",
  "regionalvariable": "",
  "regionalkey": "",
  "classifyingvariable1": "",
  "classifyingkey1": "",
  "classifyingvariable2": "",
  "classifyingkey2": "",
  "classifyingvariable3": "",
  "classifyingkey3": "",
  "stand": "01.01.1970",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "data",
    "Method": "cube"
  },
}
```

```

"Status":{
  "Code":0,
  "Content":"erfolgreich",
  "Type":"Information"
},
"Parameter":{
  "username":"*****",
  "password":"*****",
  "name":"11111KE001",
  "area":"Alle",
  "values":"true",
  "metadata":"false",
  "additional":"false",
  "contents":null,
  "startyear":"",
  "endyear":"",
  "timeslices":"",
  "regionalvariable":"",
  "regionalkey":"",
  "classifyingvariable1":"",
  "classifyingkey1":"",
  "classifyingvariable2":"",
  "classifyingkey2":"",
  "classifyingvariable3":"",
  "classifyingkey3":"",
  "format":"csv",
  "stand":"",
  "language":"de"
},
"Object":{
  "Content":"* Der Benutzer YOUR_USERNAME der Benutzergruppe IHRE_GRUPPE
hat am 28.04.2020 um 06:54:54 diesen Export angestossen.\nK;DQ;FACH-
SCHL;GHH-ART;GHM-WERTE-JN;MROUND-BASIS;GENESIS-VBD;REGIOSTAT;EU-VBD;\n"nur
Werte"\nD;11111KE001;;N;;N;N;\nK;DQ-ERH;FACH-
SCHL\nD;11111\nK;DQA;NAME;RHF-BSR;RHF-ACHSE\nD;KREISE;1;1\nK;DQZ;NAME;ZI-
RHF-BSR;ZI-RHF-ACHSE\nD;STAG;2;2\nK;DQI;NAME;ME-NAME;DST;TYP;NKM-
STELLEN;GHH-ART;GHM-WERTE-JN;MROUND-
BASIS\nD;FLC006;qkm;FEST;FALL;2;;N;\nK;QEI;FACH-SCHL;ZI-
WERT;WERT;QUALITAET;GESPERTT;WERT-
VERFAELSCHT\nD;01001;31.12.1995;56.44;e;;0.00\nD;01001;31.12.1996;56.44;e;;
0.00\nD;01001;31.12.1997;56.44;e;;0.00"
[...gekürztes Beispiel...]
},
"Copyright":"© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}

```

2.5.5 cubefile

Explanation

The method "cubefile" returns cube <name> from <area> according to the parameters set as a file download in the desired format.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		
<i>name</i>	Name of the cube.	1-10 characters „*-“ -Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
Special (cube)		
<i>values</i>	Export values?	- true (default) - false
<i>metadata</i>	Export metadata?	- true (default) - false
<i>additional</i>	Export corresponding metadata?	- true - false (default)
Selection		
<i>contents</i>	Names of the contents (value variables)	Any number of names, separated by ",", without blank. Every name has 1-6 characters.
<i>startyear</i>	Data starting this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between "1900" and "2100"
<i>endyear</i>	Data ending this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between "1900" and "2100"
<i>timeslices</i>	Number of recent time slices that are to be exported.	positive integer

<i>regionalvariable</i>	"code" of the regional variable to which the selection "regionalkey" is to be applied	1-6 characters
<i>regionalkey</i>	Application of the Official Municipality Code (AGS); several codes can be indicate, separated by ",".	1-8 characters "*" notation
<i>classifyingvariable1</i>	"code" of the subject variable to which the selection "classifyingkey1" is to be applied	1-6 characters
<i>classifyingkey1</i>	Attributes of a subject variable (e.g. WZ93012). Several codes can be indicated, separated by a comma. Asterisks (*) can be used. Selection for „classifyingvariable1“	1-15 characters "*" notation
<i>classifyingvariable2</i>	"code" of the second subject variable to which the selection "classifyingkey2" is to be applied	1-6 characters
<i>classifyingkey2</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable2"	1-15 characters "*" notation
<i>classifyingvariable3</i>	"code" of the third subject variable to which the selection "classifyingkey3" is to be applied	1-6 characters
<i>classifyingkey3</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable3"	1-15 characters "*" notation
Result		
<i>format</i>	file format	- csv
Processing		
<i>stand</i>	The cube will be produced only if the data are more recent than this date.	"dd.mm.yyyy hh:mm" or "dd.mm.yyyy" Example: "24.12.2001 19:15"
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/cubefile>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
```

```

"username": "YOUR_USERNAME",
"password": "YOUR_PASSWORD",
"name": "12411BJ001",
"area": "all",
"values": "true",
"metadata": "true",
"additional": "false",
"startyear": "",
"endyear": "",
"timeslices": "",
"regionalvariable": "",
"regionalkey": "",
"classifyingvariable1": "",
"classifyingkey1": "",
"classifyingvariable2": "",
"classifyingkey2": "",
"classifyingvariable3": "",
"classifyingkey3": "",
"format": "csv",
"stand": "01.01.1970",
"language": "de"
}

```

Response

```

Error      {
  "Status": {
    "Code": 104,
    "Content": "Es gibt keine Objekte zum angegebenen
Selektionskriterium",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "gibtsnicht",
    "area": "Alle",
    "charttype": "1",
    "drawpoints": "false",
    "zoom": "2",
    "focus": "false",
    "tops": "false",
    "language": "de",
    "format": null
  },
  "Object": null,
  "Copyright": "© Statistisches Bundesamt (Destatis), 2020;
Datenlizenz Deutschland - Namensnennung - Version 2.0"
}
Success    * Der Benutzer YOUR_USERNAME der Benutzergruppe IHRE_GRUPPE hat
am 28.04.2020 um 06:54:54 diesen Export angestossen.
K;DQ;FACH-SCHL;GHH-ART;GHM-WERTE-JN;MROUND-BASIS;GENESIS-
VBD;REGIOSTAT;EU-VBD;"nur Werte"
D;11111KE001;;N;;N;N;N
K;DQ-ERH;FACH-SCHL
D;11111

```

```

K;DQA;NAME;RHF-BSR;RHF-ACHSE
D;KREISE;1;1
K;DQZ;NAME;ZI-RHF-BSR;ZI-RHF-ACHSE
D;STAG;2;2
K;DQI;NAME;ME-NAME;DST;TYP;NKM-STELLEN;GHH-ART;GHM-WERTE-
JN;MROUND-BASIS
D;FLC006;qkm;FEST;FALL;2;;N;
K;QEI;FACH-SCHL;ZI-WERT;WERT;QUALITAET;GESPERRT;WERT-VERFAELSCHT
D;01001;31.12.1995;56.44;e;;0.00
D;01001;31.12.1996;56.44;e;;0.00
D;01001;31.12.1997;56.44;e;;0.00
[...gekürztes Beispiel...]

```

2.5.6 map2result

Explanation

The method "map2result" returns a map related to results table <name> from <area> according to the parameters set as a file download in the png format.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		
<i>name</i>	Name of the result.	1-15 characters „*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
Special (map)		
<i>maptype</i>	Type of map	- 0 - map
<i>classes</i>	Number of classes of the values. A class comprises a range of values which will be displayed in the same colour in the map.	Number in the range: 2,3,4,5
<i>classification</i>	Setting 0 means that the ranges of values are of equal length for all classes.	- 0 – equal value range - 1 – equal frequency

	Setting 1 will create classes with the same amount of values in each class, while the range of values will differ.	
<i>zoom</i>	Number of pixels / resolution	- 0 – 480x320 - 1 – 640x480 - 2 – 800x600 - 3 – 1024x768
Result		
<i>format</i>	file format	- png
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/map2result>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

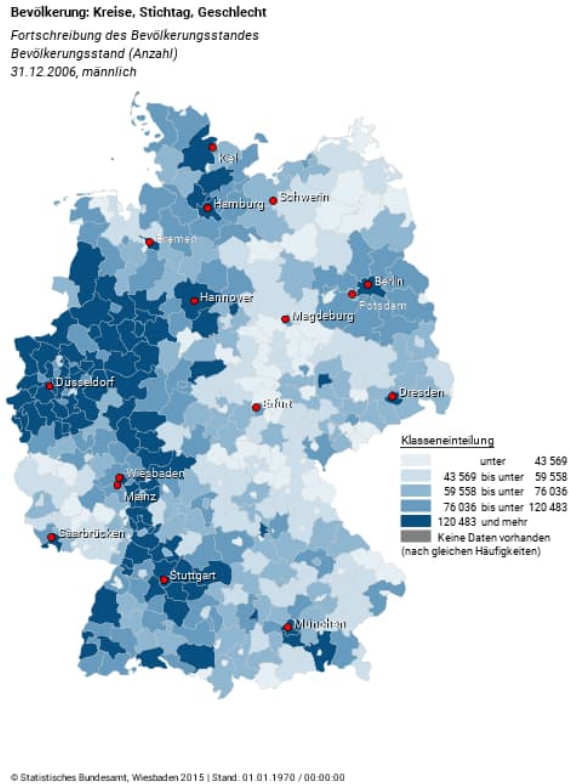
```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411-0001",
  "area": "all",
  "mapType": "0",
  "classes": "5",
  "classification": "0",
  "zoom": "2",
  "format": "png",
  "language": "de"
}
```

Response

```
Error {
  "Ident": {
    "Service": "data",
    "Method": "map2result"
  },
  "Status": {
    "Code": 104,
    "Content": "Es gibt keine Objekte zum angegebenen Selektionskriterium",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "12411-0001",
    "area": "Alle",
    "maptype": "0",
    "classes": "5",
```

```
"classification": "0",
"zoom": "2",
"format": "png",
"language": "de"
},
"Object": null,
"Copyright": "© Statistisches Bundesamt (Destatis), 2020;
Datenlizenz Deutschland - Namensnennung - Version 2.0"
}
```

Success



2.5.7 map2table

Explanation

The method “map2table“ returns a map related to table <name> from <area> according to the parameters set as a file download in the png format.

Syntax

Parameter	Description	Range of values
Account data		
username	User name or personal token	10 characters 32 characters (token)
password	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		

<i>name</i>	Name of the table.	1-10 characters „*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: - Meine/Benutzer - Gruppe - Amt - Katalog/Öffentlich - Alle external users: - Katalog/Öffentlich - Meine/Benutzer
Special (map)		
<i>maptype</i>	Type of map	- 0 - map
<i>classes</i>	Number of classes of the values. A class comprises a range of values which will be displayed in the same colour in the map.	Number in the range: 2,3,4,5
<i>classification</i>	Setting 0 means that the ranges of values are of equal length for all classes. Setting 1 will create classes with the same amount of values in each class, while the range of values will differ.	- 0 – equal value range - 1 – equal frequency
<i>zoom</i>	Number of pixels / resolution	- 0 – 480x320 - 1 – 640x480 - 2 – 800x600 - 3 – 1024x768
Selection		
<i>startyear</i>	Data starting this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between "1900" and "2100"
<i>endyear</i>	Data ending this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between "1900" and "2100"
<i>timeslices</i>	Number of recent time slices that are to be exported.	positive integer
<i>regionalvariable</i>	"code" of the regional variable to which the selection "regionalkey" is to be applied	1-6 characters
<i>regionalkey</i>	Application of the Official Municipality Code (AGS); several codes can be indicate, separated by ", ".	1-8 characters "*" notation

<i>classifyingvariable1</i>	"code" of the subject variable to which the selection "classifyingkey1" is to be applied	1-6 characters
<i>classifyingkey1</i>	Attributes of a subject variable (e.g. WZ93012). Several codes can be indicated, separated by a comma. Asterisks (*) can be used. Selection for „classifyingvariable1“	1-15 characters "*" notation
<i>classifyingvariable2</i>	"code" of the second subject variable to which the selection "classifyingkey2" is to be applied	1-6 characters
<i>classifyingkey2</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable2"	1-15 characters "*" notation
<i>classifyingvariable3</i>	"code" of the third subject variable to which the selection "classifyingkey3" is to be applied	1-6 characters
<i>classifyingkey3</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable3"	1-15 characters "*" notation
result		
<i>format</i>	file format	- png
Processing		
<i>stand</i>	The map will be produced only if the data are more recent than this date.	"dd.mm.yyyy hh:mm" or "dd.mm.yyyy" Example: "24.12.2001 19:15"
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/map2table>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411-0001",
  "area": "all",
  "mapType": "0",
  "classes": "5",
```

```

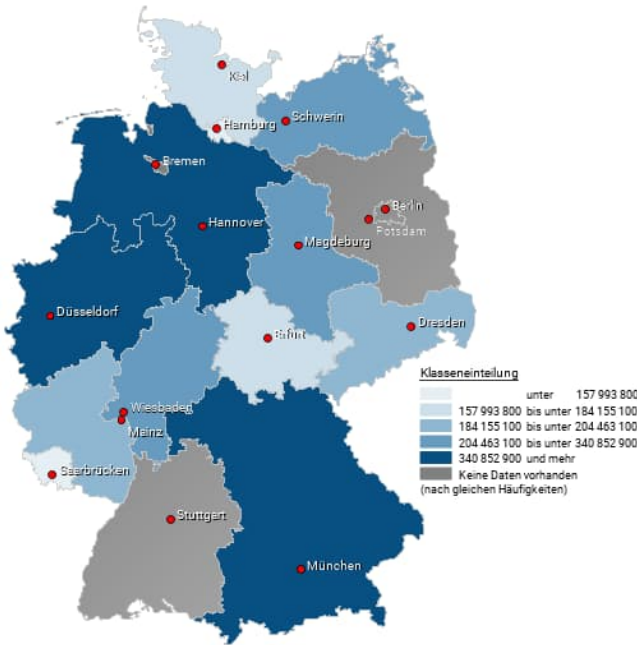
    "classification": "0",
    "zoom": "2",
    "startyear": "",
    "endyear": "",
    "timeslices": "",
    "regionalvariable": "",
    "regionalkey": "",
    "classifyingvariable1": "",
    "classifyingkey1": "",
    "classifyingvariable2": "",
    "classifyingkey2": "",
    "classifyingvariable3": "",
    "classifyingkey3": "",
    "format": "png",
    "stand": "01.01.1970",
    "language": "de"
  }
}

Response
Error
{
  "Ident":{
    "Service":"data",
    "Method":"map2table"
  },
  "Status":{
    "Code":104,
    "Content":"Es gibt keine Objekte zum angegebenen
Selektionskriterium",
    "Type":"Information"
  },
  "Parameter":{
    "username":"*****",
    "password":"*****",
    "name":"12411-0001",
    "area":"Alle",
    "maptype":"0",
    "classes":"5",
    "classification":"0",
    "zoom":"2",
    "startyear": "",
    "endyear": "",
    "timeslices": "",
    "regionalvariable": "",
    "regionalkey": "",
    "classifyingvariable1": "",
    "classifyingkey1": "",
    "classifyingvariable2": "",
    "classifyingkey2": "",
    "classifyingvariable3": "",
    "classifyingkey3": "",
    "format": "png",
    "stand": "01.01.1970",
    "language": "de"
  },
  "Object":null,
  "Copyright":"© Statistisches Bundesamt (Destatis), 2020;
Datenlizenz Deutschland - Namensnennung - Version 2.0"
}

```

Success

Gebietsfläche: Bundesländer, Stichtag
Gebietsstand
Gebietsfläche (qkm)
31.12.2005



© Statistisches Bundesamt, Wiesbaden 2015 | Stand: 01.01.1970 / 00:00:00

2.5.8 map2timeseries

Explanation

The method “map2timeseries“ returns a map related to timeseries <name> from <area> according to the parameters set as a file download in the png format.

Syntax

Parameter	Description	Range of values
Account data		
username	User name or personal token	10 characters 32 characters (token)
password	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		
name	Name of the timeseries.	1-15 characters “-Notation

<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
Special (map)		
<i>maptype</i>	Type of map	- 0 - map
<i>classes</i>	Number of classes of the values. A class comprises a range of values which will be displayed in the same colour in the map.	Number in the range: 2,3,4,5
<i>classification</i>	Setting 0 means that the ranges of values are of equal length for all classes. Setting 1 will create classes with the same amount of values in each class, while the range of values will differ.	- 0 – equal value range - 1 – equal frequency
<i>zoom</i>	Number of pixels / resolution	- 0 – 480x320 - 1 – 640x480 - 2 – 800x600 - 3 – 1024x768
Selection		
<i>contents</i>	Names of the contents (value variables)	Any number of names, separated by “,” without blank. Every name has 1-6 characters.
<i>startyear</i>	Data starting this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>endyear</i>	Data ending this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>timeslices</i>	Number of recent time slices that are to be exported.	positive integer
<i>regionalvariable</i>	“code” of the regional variable to which the selection “regionalkey” is to be applied	1-6 characters
<i>regionalkey</i>	Application of the Official Municipality Code (AGS); several codes can be indicate, separated by “,”.	1-8 characters “*” notation

<i>classifyingvariable1</i>	"code" of the subject variable to which the selection "classifyingkey1" is to be applied	1-6 characters
<i>classifyingkey1</i>	Attributes of a subject variable (e.g. WZ93012). Several codes can be indicated, separated by a comma. Asterisks (*) can be used. Selection for „classifyingvariable1“	1-15 characters "*" notation
<i>classifyingvariable2</i>	"code" of the second subject variable to which the selection "classifyingkey2" is to be applied	1-6 characters
<i>classifyingkey2</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable2"	1-15 characters "*" notation
<i>classifyingvariable3</i>	"code" of the third subject variable to which the selection "classifyingkey3" is to be applied	1-6 characters
<i>classifyingkey3</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable3"	1-15 characters "*" notation
Result		
<i>format</i>	file format	- png
Processing		
<i>stand</i>	The map will be produced only if the data are more recent than this date.	"dd.mm.yyyy hh:mm" or "dd.mm.yyyy" Example: "24.12.2001 19:15"
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/map2timeseries>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411BJ001",
  "area": "all",
  "mapType": "0",
  "classes": "5",
```

```

"classification": "0",
"zoom": "2",
"contents": "",
"startyear": "",
"endyear": "",
"timeslices": "",
"regionalvariable": "",
"regionalkey": "",
"classifyingvariable1": "",
"classifyingkey1": "",
"classifyingvariable2": "",
"classifyingkey2": "",
"classifyingvariable3": "",
"classifyingkey3": "",
"format": "png",
"stand": "01.01.1970",
"language": "de"
}

```

Response

```

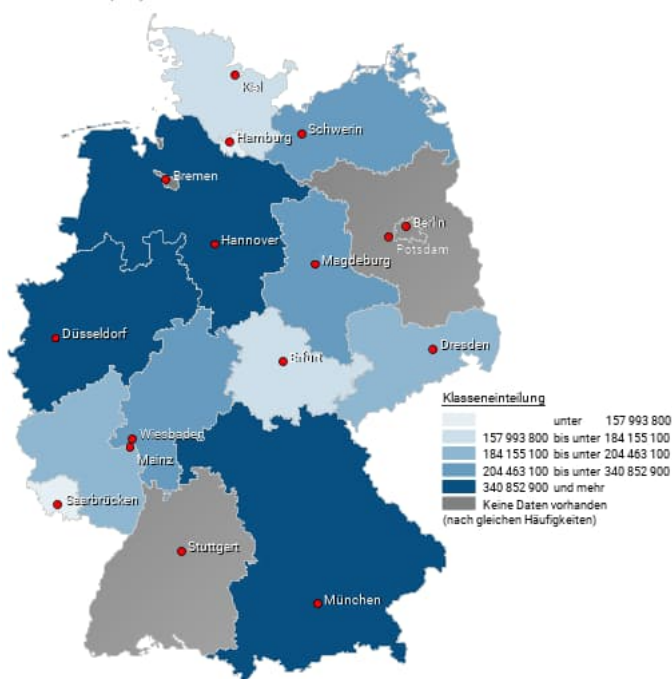
Error
{
  "Ident": {
    "Service": "data",
    "Method": "map2timeseries"
  },
  "Status": {
    "Code": 104,
    "Content": "Es gibt keine Objekte zum angegebenen  
Selektionskriterium",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "12411BJ001",
    "area": "Alle",
    "maptype": "0",
    "classes": "5",
    "classification": "0",
    "zoom": "2",
    "contents": "",
    "startyear": "",
    "endyear": "",
    "timeslices": "",
    "regionalvariable": "",
    "regionalkey": "",
    "classifyingvariable1": "",
    "classifyingkey1": "",
    "classifyingvariable2": "",
    "classifyingkey2": "",
    "classifyingvariable3": "",
    "classifyingkey3": "",
    "format": "png",
    "stand": "01.01.1970",
    "language": "de"
  },
  "Object": null,
  "Copyright": "© Statistisches Bundesamt (Destatis), 2020;  
Datenlizenz Deutschland - Namensnennung - Version 2.0"
}

```

Success

}

Gebietsstand
 Zeitreihe aus 11111LE001
 Gebietsstand
 Gebietsfläche (qkm), 31.12.2005



© Statistisches Bundesamt, Wiesbaden 2015 | Stand: 01.01.1970 / 00.00.00

2.5.9 result

Explanation

The method "result" returns results table <name> from <area> according to the parameters set in csv-format included in a JSON response.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		
<i>name</i>	Name of the result.	1-15 characters "-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog	internal users: Meine/Benutzer Gruppe Amt

	Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
Special (Table/Result)		
<i>compress</i>	Suppress empty rows and columns?	- true - false (default)
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/result>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411-0001",
  "area": "all",
  "compress": "false",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "data",
    "Method": "result"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "21111-0001",
    "area": "Benutzer",
    "compress": "false",
    "language": "de"
  },
  "Object": {
    "Content": "GENESIS-Tabelle: 21111-0001\nSchüler: Bundesländer,
    Jahr;\nStatistik der allgemeinbildenden Schulen;\nSchüler"
  }
}
```

```
(Anzahl);\n;Jahr\n;2000\nBaden-
Württemberg;1300629\nBayern;1444794\nBerlin;391870\nBrandenburg;333756\nBre
men;74244\nHamburg;176375\nHessen;701647\nMecklenburg-
Vorpommern;227420\nNiedersachsen;977825\nNordrhein-
Westfalen;2307019\nRheinland-
Pfalz;488805\nSaarland;121409\nSachsen;494016\nSachsen-
Anhalt;307616\nSchleswig-
Holstein;331907\nThüringen;281449\n_____\n\nStand: 01.01.1970 /
00:00:00\n"
},
"Copyright":"© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}
```

2.5.10 resultfile

Explanation

The method "resultfile" returns results table <name> from <area> according to the parameters set as a file download in the desired format.

Syntax

Parameter	Description	Range of values
Account data		
username	User name or personal token	10 characters 32 characters (token)
password	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		
name	Name of the result.	1-15 characters „*-“ -Notation
area	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
Special (table/result)		
compress	Suppress empty rows and columns?	- true - false (default)
Result		
format	file format	- csv

		- datencsv (default) - ffcsv - genml - html - xlsx
General		
language	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/resultfile>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411-0001",
  "area": "all",
  "compress": "false",
  "format": "csv",
  "language": "de"
}
```

Response

```
{
  Error
    {
      "Ident": {
        "Service": "data",
        "Method": "resultfile"
      },
      "Status": {
        "Code": 104,
        "Content": "Es gibt keine Objekte zum angegebenen Selektionskriterium",
        "Type": "Information"
      },
      "Parameter": {
        "username": "*****",
        "password": "*****",
        "name": "12411-0001",
        "area": "Alle",
        "compress": "false",
        "format": "png",
        "language": "de",
      },
      "Object": null,
      "Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz Deutschland – Namensnennung – Version 2.0"
    }
}
```

Success

GENESIS-Tabelle: 21111-0001
 Schüler: Bundesländer, Jahr;
 Statistik der allgemeinbildenden Schulen;
 Schüler (Anzahl);
 ;Jahr
 ;2000
 Baden-Württemberg;1300629
 Bayern;1444794
 Berlin;391870
 Brandenburg;333756
 Bremen;74244
 Hamburg;176375
 Hessen;701647
 Mecklenburg-Vorpommern;227420
 Niedersachsen;977825
 Nordrhein-Westfalen;2307019
 Rheinland-Pfalz;488805
 Saarland;121409
 Sachsen;494016
 Sachsen-Anhalt;307616
 Schleswig-Holstein;331907
 Thüringen;281449

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 Deutschland – Namensnennung – Version 2.0
 Stand: 01.01.1970 / 00:00:00

2.5.11 table

Explanation

The method "table" returns table <name> from <area> according to the parameters set in csv format included in a JSON response.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		
<i>name</i>	Name of the table.	1-10 characters „*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer

	- Katalog/Öffentlich catalogue/public - Alle all	
Special (table/result)		
<i>structureinformation</i>	Specifies whether structural information about the table should be included. The values can be found in the response under TableLayout.	- true - false (default)
<i>compress</i>	Suppress empty rows and columns?	- true - false (default)
<i>transpose</i>	Transpose table (i.e. swap rows and columns)?	- true - false (default)
Selection		
<i>contents</i>	Names of the contents (value variables)	Any number of names, separated by “,” without blank. Every name has 1-6 characters.
<i>startyear</i>	Data starting this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>endyear</i>	Data ending this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>timeslices</i>	Number of recent time slices that are to be exported.	positive integer
<i>regionalvariable</i>	“code” of the regional variable to which the selection “regionalkey” is to be applied	1-6 characters
<i>regionalkey</i>	Application of the Official Municipality Code (AGS); several codes can be indicate, separated by “,”.	1-8 characters “*” notation
<i>classifyingvariable1</i>	“code” of the subject variable to which the selection “classifyingkey1” is to be applied	1-6 characters
<i>classifyingkey1</i>	Attributes of a subject variable (e.g. WZ93012). Several codes can be indicated, separated by a comma. Asterisks (*) can be used. Selection for „classifyingvariable1“	1-15 characters “*” notation
<i>classifyingvariable2</i>	“code” of the second subject variable to which the selection “classifyingkey2” is to be applied	1-6 characters
<i>classifyingkey2</i>	Attributes of a subject variable (e.g. WZ93012). Selection for “classifyingvariable2”	1-15 characters “*” notation

<i>classifyingvariable3</i>	"code" of the third subject variable to which the selection "classifyingkey3" is to be applied	1-6 characters
<i>classifyingkey3</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable3"	1-15characters "*" notation
<i>Classifyingvariable4</i>	"code" of the third subject variable to which the selection "classifyingkey4" is to be applied	1-6 characters
<i>Classifyingkey4</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable4"	1-15characters "*" notation
<i>Classifyingvariable5</i>	"code" of the third subject variable to which the selection "classifyingkey5" is to be applied	1-6 characters
<i>Classifyingkey5</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable5"	1-15characters "*" notation
Processing		
<i>job</i>	Enqueue an asynchronous processing job if the table cannot be produced immediately? You can retrieve the result by calling "result" or "resultfile" after some minutes. A batch job (job=true) requires a login with user name and password, the token is not sufficient in this case.	- true - false (default)
<i>stand</i>	The table will be produced only if the data are more recent than this date.	"dd.mm.yyyy hh:mm" or "dd.mm.yyyy" Example: "24.12.2001 19:15"
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/table>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "11111-0001",
```

```

"area": "all",
"structureinformation": "true",
"compress": "false",
"transpose": "false",
"contents": "",
"startyear": "",
"endyear": "",
"timeslices": "",
"regionalvariable": "",
"regionalkey": "",
"classifyingvariable1": "",
"classifyingkey1": "",
"classifyingvariable2": "",
"classifyingkey2": "",
"classifyingvariable3": "",
"classifyingkey3": "",
"classifyingvariable4": "",
"classifyingkey4": "",
"classifyingvariable5": "",
"classifyingkey5": "",
"job": "false",
"stand": "01.01.1970",
"language": "de"
}

```

Response

```

{
  "Ident": {
    "Service": "data",
    "Method": "table"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "11111-0001",
    "area": "Alle",
    "structureinformation": "true",
    "compress": "false",
    "transpose": "false",
    "startyear": "",
    "endyear": "",
    "timeslices": "",
    "regionalvariable": "",
    "regionalkey": "",
    "classifyingvariable1": "",
    "classifyingkey1": "",
    "classifyingvariable2": "",
    "classifyingkey2": "",
    "classifyingvariable3": "",
    "classifyingkey3": "",
    "classifyingvariable4": "",
    "classifyingkey4": ""
  }
}

```

```

    "classifyingvariable5": "",
    "classifyingkey5": "",
    "format": "datencsv",
    "job": "false",
    "stand": "",
    "language": "de"
  },
  "Object": {
    "Content": "GENESIS-Tabelle: 11111-0001\\nGebietsfläche: Bundesländer,
Stichtag;;;;;;;;;;;;\\nGebietsstand;;;;;;;;;;;;\\nGebietsfläche
(qkm);;;;;;;;;;;;\\n;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag
;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag\\n;
31.12.1800;31.12.1899;31.12.1900;31.12.1995;31.12.1996;31.12.1997;31.12.199
8;31.12.1999;31.12.2000;31.12.2001;31.12.2002;31.12.2003;31.12.2004;31.12.2
005\\nDeutschland;. ;3570223100,00;3570223100,00;3570223100,00;3570214300,00;
3570207900,00;3570221700,00;3570202200,00;3570215400,00;3570229000,00;35702
65500,00;3570303200,00;3570456400,00;x\\n Früheres
Bundesgebiet;. ;2493434700,00;2493434700,00;2493434700,00;2493444200,00;2493
443500,00;2493434100,00;2493405300,00;2493405100,00;2493418500,00;249346200
0,00;2493476800,00;2493564600,00;x\\n_____\\n© Statistisches Bundesamt
(Destatis), 2020; Datenlizenz Deutschland - Namensnennung - Version
2.0\\nStand: 01.01.1970 / 00:00:00\\n",
    [...gekürztes Beispiel...]
    "Structure": {
      "Head": {
        "Code": "11111",
        "Content": "Gebietsstand",
        "Type": "Statistik",
        "Values": null,
        "Selected": null,
        "Structure": [
          {
            "Code": "FLC006",
            "Content": "Gebietsfläche",
            "Type": "Merkmal",
            "Values": null,
            "Selected": null,
            "Structure": null,
            "Updated": "see parent"
          }
        ]
      },
      "Updated": "see parent"
    },
    "Columns": [
      {
        "Code": "STAG",
        "Content": "Stichtag",
        "Type": "Merkmal",
        "Values": null,
        "Selected": null,
        "Structure": null,
        "Updated": "see parent"
      }
    ],
    "Rows": [
      {
        "Code": "DLAND",
        "Content": "Bundesländer",

```

```

    "Type": "Merkmal",
    "Values": "16",
    "Selected": "16",
    "Structure": null,
    "Updated": "see parent"
  }
],
"Subtitel": null,
"Subheading": null
},
"TableLayout": {
  "TableHeaderLinesNumber": "4",
  "FrontColumnsNumber": "1",
  "HeaderColumnsNumber": "2",
  "RowHeadingsNumber": "1"
}
},
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}

```

2.5.12 tablefile

Explanation

The method "tablefile" returns table <name> from <area> according to the parameters set as a file download in the desired format.

Note: The ffcsv format has been revised. The column headings are now uniformly in English, values from value variables and functional blocks are occasionally output in rows. Examples can be found on [GENESIS-Online Homepage > Announcements](#).

When downloading tables, all CSV files (including flat file CSVs) are downloaded in a zip folder. This enables a faster download, especially for large files.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		
<i>name</i>	Name of the table.	1-10 characters „*-“ -Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle

	Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	external users: Katalog/Öffentlich Meine/Benutzer
Special (table/result)		
<i>compress</i>	Suppress empty rows and columns?	- true - false (default)
<i>transpose</i>	Transpose table (i.e. swap rows and columns)?	- true - false (default)
Selection		
<i>contents</i>	Names of the contents (value variables)	Any number of names, separated by “,” without blank. Every name has 1-6 characters.
<i>startyear</i>	Data starting this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>endyear</i>	Data ending this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>timeslices</i>	Number of recent time slices that are to be exported.	positive integer
<i>regionalvariable</i>	“code” of the regional variable to which the selection “regionalkey” is to be applied	1-6 characters
<i>regionalkey</i>	Application of the Official Municipality Code (AGS); several codes can be indicate, separated by “,”.	1-8 characters “*” notation
<i>classifyingvariable1</i>	“code” of the subject variable to which the selection “classifyingkey1” is to be applied	1-6 characters
<i>classifyingkey1</i>	Attributes of a subject variable (e.g. WZ93012). Several codes can be indicated, separated by a comma. Asterisks (*) can be used. Selection for „classifyingvariable1“	1-15 characters “*” notation
<i>classifyingvariable2</i>	“code” of the second subject variable to which the selection “classifyingkey2” is to be applied	1-6 characters
<i>classifyingkey2</i>	Attributes of a subject variable (e.g. WZ93012). Selection for “classifyingvariable2”	1-15 characters “*” notation

classifyingvariable3	"code" of the third subject variable to which the selection "classifyingkey3" is to be applied	1-6 characters
classifyingkey3	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable3"	1-15characters "*" notation
classifyingvariable4	"code" of the third subject variable to which the selection "classifyingkey4" is to be applied	1-6 characters
classifyingkey4	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable4"	1-15characters "*" notation
classifyingvariable5	"code" of the third subject variable to which the selection "classifyingkey5" is to be applied	1-6 characters
classifyingkey5	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable5"	1-15characters "*" notation
Result		
format	file format	- csv - datencsv (default) - ffcsv - html - genml - xlsx
Prozess		
job	Enqueue an asynchronous processing job if the table cannot be produced immediately? You can retrieve the result by calling "result" or "resultfile" after some minutes. A batch job (job=true) requires a login with user name and password, the token is not sufficient in this case.	- true - false (default)
stand	The table will be produced only if the data are more recent than this date.	"dd.mm.yyyy hh:mm" or "dd.mm.yyyy" Example: "24.12.2001 19:15"
General		
language	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/tablefile>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.
 Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411-0001",
  "area": "all",
  "compress": "false",
  "transpose": "false",
  "contents": "",
  "startyear": "",
  "endyear": "",
  "timeslices": "",
  "regionalvariable": "",
  "regionalkey": "",
  "classifyingvariable1": "",
  "classifyingkey1": "",
  "classifyingvariable2": "",
  "classifyingkey2": "",
  "classifyingvariable3": "",
  "classifyingkey3": "",
  "classifyingvariable4": "",
  "classifyingkey4": "",
  "classifyingvariable5": "",
  "classifyingkey5": "",
  "format": "cvs",
  "job": "false",
  "stand": "01.01.1970",
  "language": "de"
}
```

Response

```
{
  Error
    {
      "Status": {
        "Code": 104,
        "Content": "Es gibt keine Objekte zum angegebenen  
Selektionskriterium",
        "Type": "Information"
      },
      "Parameter": {
        "username": "*****",
        "password": "*****",
        "name": "12411-0001",
        "area": "Alle",
        "charttype": "1",
        "drawpoints": "false",
        "zoom": "2",
        "focus": "false",
        "tops": "false",
        "language": "de",
        "format": png
      },
      "Object": null,
      "Copyright": "© Statistisches Bundesamt (Destatis), 2020;  
Datenlizenz Deutschland – Namensnennung – Version 2.0"
    }
}
```

```

}
Success GENESIS-Tabelle: 11111-0001
Gebietsfläche: Bundesländer, Stichtag;;;;;;;;;;;;;
Gebietsstand;;;;;;;;;;;;;
Gebietsfläche (qkm);;;;;;;;;;;;;
;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag;S
tichtag;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag;Stichtag
;31.12.1800;31.12.1899;31.12.1900;31.12.1995;31.12.1996;31.12.199
7;31.12.1998;31.12.1999;31.12.2000;31.12.2001;31.12.2002;31.12.20
03;31.12.2004;31.12.2005
Deutschland;. ;3570223100,00;3570223100,00;3570223100,00;357021430
0,00;3570207900,00;3570221700,00;3570202200,00;3570215400,00;3570
229000,00;3570265500,00;3570303200,00;3570456400,00;x
Früheres
Bundesgebiet;. ;2493434700,00;2493434700,00;2493434700,00;24934442
00,00;2493443500,00;2493434100,00;2493405300,00;2493405100,00;249
3418500,00;2493462000,00;2493476800,00;2493564600,00;x

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Deutschland - Namensnennung - Version 2.0
Stand: 01.01.1970 / 00:00:00
[...gekürztes Beispiel...]

```

2.5.13 timeseries

Explanation

The method "timeseries" returns timeseries <name> from <area> according to the parameters set in csv format included in a JSON response.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Criterion		
<i>name</i>	Name of the timeseries.	1-15 characters „*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer

	- Katalog/Öffentlich catalogue/public - Alle all	
Special (table/result)		
<i>compress</i>	Suppress empty rows and columns?	- true - false (default)
<i>transpose</i>	Transpose table (i.e. swap rows and columns)?	- true - false (default)
Selection		
<i>contents</i>	Names of the contents (value variables)	Any number of names, separated by “,” without blank. Every name has 1-6 characters.
<i>startyear</i>	Data starting this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>endyear</i>	Data ending this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>timeslices</i>	Number of recent time slices that are to be exported.	positive integer
<i>regionalvariable</i>	“code” of the regional variable to which the selection “regionalkey” is to be applied	1-6 characters
<i>regionalkey</i>	Application of the Official Municipality Code (AGS); several codes can be indicate, separated by “,”.	1-8 characters “*” notation
<i>regionalkeycode</i>	Enables the additional displaying of the code of the attributes of “regionalvariable”	- true - false (default)
<i>classifyingvariable1</i>	“code” of the subject variable to which the selection “classifyingkey1” is to be applied	1-6 characters
<i>classifyingkey1</i>	Attributes of a subject variable (e.g. WZ93012). Several codes can be indicated, separated by a comma. Asterisks (*) can be used. Selection for „ <i>classifyingvariable1</i> “	1-15 characters “*” notation
<i>classifyingkeycode1</i>	Enables the additional displaying of the code of the attributes of “ <i>classifyingvariable1</i> ”	- true - false
<i>classifyingvariable2</i>	“code” of the second subject variable to which the selection “ <i>classifyingkey2</i> ” is to be applied	1-6 characters
<i>classifyingkey2</i>	Attributes of a subject variable (e.g. WZ93012). Selection for “ <i>classifyingvariable2</i> ”	1-15 characters “*” notation

<i>classifyingkeycode2</i>	Enables the additional displaying of the code of the attributes of " <i>classifyingvariable2</i> "	- true - false
<i>classifyingvariable3</i>	"code" of the third subject variable to which the selection " <i>classifyingkey3</i> " is to be applied	1-6 characters
<i>classifyingkey3</i>	Attributes of a subject variable (e.g. WZ93012). Selection for " <i>classifyingvariable3</i> "	1-15 characters "*" notation
<i>classifyingkeycode3</i>	Enables the additional displaying of the code of the attributes of " <i>classifyingvariable3</i> "	- true - false
Processing		
<i>job</i>	Enqueue an asynchronous processing job if the table cannot be produced immediately? You can retrieve the result by calling "result" or "resultfile" after some minutes. A batch job (job=true) requires a login with user name and password, the token is not sufficient in this case.	- true - false (default)
<i>stand</i>	The time series will be produced only if the data are more recent than this date.	"dd.mm.yyyy hh:mm" or "dd.mm.yyyy" Example: "24.12.2001 19:15"
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/timeseries>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411BJ001",
  "area": "all",
  "compress": "false",
  "transpose": "false",
  "contents": "",
  "startyear": "",
  "endyear": "",
  "timeslices": "",
  "regionalvariable": "",
```

```

    "regionalkey": "",
    "regionalcode": "false",
    "classifyingvariable1": "",
    "classifyingkey1": "",
    "classifyingkeycode1": "false",
    "classifyingvariable2": "",
    "classifyingkey2": "",
    "classifyingkeycode2": "false",
    "classifyingvariable3": "",
    "classifyingkey3": "",
    "classifyingkeycode3": "false",
    "job": "false",
    "stand": "01.01.1970",
    "language": "de"
  }
}

Response
{
  "Ident": {
    "Service": "data",
    "Method": "timeseries"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "52900LJ002",
    "area": "Alle",
    "compress": "false",
    "transpose": "false",
    "contents": "",
    "startyear": "",
    "endyear": "",
    "timeslices": "",
    "regionalvariable": "",
    "regionalkey": "",
    "classifyingvariable1": "",
    "classifyingkey1": "",
    "classifyingvariable2": "",
    "classifyingkey2": "",
    "classifyingvariable3": "",
    "classifyingkey3": "",
    "job": "false",
    "stand": "",
    "language": "de"
  },
  "Object": {
    "Content": "GENESIS-Tabelle: Temporär\nUmsatzsteuerpflichtige
Unternehmen;;; \nZeitreihe aus 52900LJ002;;; \nUmsatzsteuerpflichtige
Unternehmen;;; \n;;; Jahr\n;;; 1999\nBaden-Württemberg;Landwirtschaft,
gewerbliche Jagd;Steuerpflichtige;Anzahl;12345\nBaden-
Württemberg;Landwirtschaft, gewerbliche Jagd;Umsatz: Lieferungen und
Leistungen;Tsd. EUR;1725000\nBaden-
Württemberg;Forstwirtschaft;Steuerpflichtige;Anzahl;641\nBaden-
Württemberg;Forstwirtschaft;Umsatz: Lieferungen und Leistungen;Tsd.

```

```

EUR;125560\Baden-Württemberg;Fischerei u.
Fischzucht;Steuerpflichtige;Anzahl;51\Baden-Württemberg;Fischerei u.
Fischzucht;Umsatz: Lieferungen und Leistungen;Tsd. EUR;11346\Baden-
Württemberg;Kohlenbergbau, Torfgewinnung;Steuerpflichtige;Anzahl;12\Baden-
Württemberg;Kohlenbergbau, Torfgewinnung;Umsatz: Lieferungen und
Leistungen;Tsd. EUR;48595\Baden-Württemberg;Gew.v.Erdöl
u.Erdgas,Erbringung verb.Dienstleistg.;Steuerpflichtige;Anzahl;8\Baden-
Württemberg;Gew.v.Erdöl u.Erdgas,Erbringung verb.Dienstleistg.;Umsatz:
Lieferungen und Leistungen;Tsd. EUR;9031\Baden-Württemberg;Bergbau auf
Uran- u.Thoriumerze;Steuerpflichtige;Anzahl;- \Baden-Württemberg;Bergbau
auf Uran- u.Thoriumerze;Umsatz: Lieferungen und Leistungen;Tsd. EUR;-
\Baden-Württemberg;Erzbergbau;Steuerpflichtige;Anzahl;- \n_____ \
Statistisches Bundesamt (Destatis), 2020; Datenlizenz Deutschland -
Namensnennung - Version 2.0\Stand: 01.01.1970 / 00:00:00\n"
[...gekürztes Beispiel...]
},
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}

```

2.5.14 timeseriesfile

Explanation

The method "timeseriesfile" returns timeseries <name> from <area> according to the parameters set as a file download in the desired format.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Selektionskriterium		
<i>name</i>	Name of the timeseries.	1-15 characters "-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer

	- Katalog/Öffentlich catalogue/public - Alle all	
Special (table/result)		
<i>compress</i>	Suppress empty rows and columns?	- true - false (default)
<i>transpose</i>	Transpose table (i.e. swap rows and columns)?	- true - false (default)
Auswahl		
<i>contents</i>	Names of the contents (value variables)	Any number of names, separated by “,” without blank. Every name has 1-6 characters.
<i>startyear</i>	Data starting this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>endyear</i>	Data ending this year will be exported.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between “1900” and “2100”
<i>timeslices</i>	Number of recent time slices that are to be exported.	positive integer
<i>regionalvariable</i>	“code” of the regional variable to which the selection “regionalkey” is to be applied	1-6 characters
<i>regionalkey</i>	Application of the Official Municipality Code (AGS); several codes can be indicate, separated by “,”.	1-8 characters; “*” notation
<i>regionalkeycode</i>	Enables the additional displaying of the code of the attributes of “regionalvariable”	- true - false (default)
<i>classifyingvariable1</i>	“code” of the subject variable to which the selection “classifyingkey1” is to be applied	1-6 characters
<i>classifyingkey1</i>	Attributes of a subject variable (e.g. WZ93012). Several codes can be indicated, separated by a comma. Asterisks (*) can be used. Selection for „classifyingvariable1“	1-15 characters “*” notation
<i>classifyingkeycode1</i>	Enables the additional displaying of the code of the attributes of “classifyingvariable1”	- true - false
<i>classifyingvariable2</i>	“code” of the second subject variable to which the selection “classifyingkey2” is to be applied	1-6 characters
<i>classifyingkey2</i>	Attributes of a subject variable (e.g. WZ93012). Selection for “classifyingvariable2”	1-15 characters “*” notation

<i>classifyingkeycode2</i>	Enables the additional displaying of the code of the attributes of "classifyingvariable2"	- true - false
<i>classifyingvariable3</i>	"code" of the third subject variable to which the selection "classifyingkey3" is to be applied	1-6 characters
<i>classifyingkey3</i>	Attributes of a subject variable (e.g. WZ93012). Selection for "classifyingvariable3"	1-15characters; "*" notation
<i>classifyingkeycode3</i>	Enables the additional displaying of the code of the attributes of "classifyingvariable3"	- true - false
Ausgabe		
<i>format</i>	file format	- csv
Prozess		
<i>job</i>	Enqueue an asynchronous processing job if the table cannot be produced immediately? You can retrieve the result by calling "result" or "resultfile" after some minutes. A batch job (job=true) requires a login with user name and password, the token is not sufficient in this case.	- true - false (default)
<i>stand</i>	The time series will be produced only if the data are more recent than this date.	"dd.mm.yyyy hh:mm" or "dd.mm.yyyy" Example: "24.12.2001 19:15"
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/data/timeseriesfile>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411BJ001",
  "area": "all",
  "compress": "false",
  "transpose": "false",
  "contents": "",
}
```

```

"startyear": "",
"endyear": "",
"timeslices": "",
"regionalvariable": "",
"regionalkey": "",
"regionalcode": "false",
"classifyingvariable1": "",
"classifyingkey1": "",
"classifyingkeycode1": "false",
"classifyingvariable2": "",
"classifyingkey2": "",
"classifyingkeycode2": "false",
"classifyingvariable3": "",
"classifyingkey3": "",
"classifyingkeycode3": "false",
"format": "csv",
"job": "false",
"stand": "01.01.1970",
"language": "de"
}

```

Response

```

{
  Error
  {
    "Ident": {
      "Service": "data",
      "Method": "timeseries"
    },
    "Status": {
      "Code": 104,
      "Content": "Es gibt keine Objekte zum angegebenen
Selektionskriterium",
      "Type": "Information"
    },
    "Parameter": {
      "username": "*****",
      "password": "*****",
      "name": "12411BJ001",
      "area": "Alle",
      "compress": "false",
      "transpose": "false",
      "contents": "",
      "startyear": "",
      "endyear": "",
      "timeslices": "",
      "regionalvariable": "",
      "regionalkey": "",
      "classifyingvariable1": "",
      "classifyingkey1": "",
      "classifyingvariable2": "",
      "classifyingkey2": "",
      "classifyingvariable3": "",
      "classifyingkey3": "",
      "job": "false",
      "stand": "",
      "language": "de"
    },
    "Object": null,
  }
}

```

```

    "Copyright": "© Statistisches Bundesamt (Destatis), 2020;
Datenlizenz Deutschland - Namensnennung - Version 2.0"
}
Success GENESIS-Tabelle: Temporär\nUmsatzsteuerpflichtige
Unternehmen;;;
Zeitreihe aus 52900LJ002;;;
Umsatzsteuerpflichtige Unternehmen;;;
;;;Jahr
;;;1999
Baden-Württemberg;Landwirtschaft, gewerbliche
Jagd;Steuerpflichtige;Anzahl;12345
Baden-Württemberg;Landwirtschaft, gewerbliche Jagd;Umsatz:
Lieferungen und Leistungen;Tsd. EUR;1725000
Baden-Württemberg;Forstwirtschaft;Steuerpflichtige;Anzahl;641
Baden-Württemberg;Forstwirtschaft;Umsatz: Lieferungen und
Leistungen;Tsd. EUR;125560
Baden-Württemberg;Fischerei u.
Fischzucht;Steuerpflichtige;Anzahl;51
Baden-Württemberg;Fischerei u. Fischzucht;Umsatz: Lieferungen
und Leistungen;Tsd. EUR;11346
Baden-Württemberg;Kohlenbergbau,
Torfgewinnung;Steuerpflichtige;Anzahl;12
Baden-Württemberg;Kohlenbergbau, Torfgewinnung;Umsatz:
Lieferungen und Leistungen;Tsd. EUR;48595
Baden-Württemberg;Gew.v.Erdöl u.Erdgas,Erbringung
verb.Dienstleistg.;Steuerpflichtige;Anzahl;8
Baden-Württemberg;Gew.v.Erdöl u.Erdgas,Erbringung
verb.Dienstleistg.;Umsatz: Lieferungen und Leistungen;Tsd.
EUR;9031
[...gekürzttes Beispiel...]

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Deutschland - Namensnennung - Version 2.0
Stand: 01.01.1970 / 00:00:00

```

2.6 Metadata

Explanation

Methods to download metadata.

Please note the limitation of requests as described in section 1.7.

Methods

- **cube:** returns the metadata of a cube.
- **statistic:** returns the metadata of a statistics.
- **table:** returns the metadata of a table.
- **timeseries:** returns the metadata of a timeseries.
- **value:** returns the metadata of a value.
- **variable:** returns the metadata of a variable.

2.6.1 cube

Explanation

The method "cube" returns the metadata of the cube <name> from <area>.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the cube.	1-15 characters
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/metadata/cube>

Account data: Fields in HTTP header.
 Further parameter: Fields in request body.
 Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411BJ001",
  "area": "all",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "metadata",
    "Method": "cube"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "11111KE001",
    "area": "Alle",
    "language": "de"
  },
  "Object": {
    "Code": "11111KE001",
    "Content": "Gebietsstand, Gebietsfläche, Kreise, Stichtag",
    "State": "undefiniert",
    "Timeslices": [
      "31.12.1995",
      "31.12.1996",
      "31.12.1997",
      "31.12.1998",
      "31.12.1999",
      "31.12.2000",
      "31.12.2001",
      "31.12.2002",
      "31.12.2003",
      "31.12.2004",
      "31.12.2005",
      "31.12.2010"
    ],
    "Values": "0",
    "Statistic": {
      "Code": "11111",
      "Content": "Gebietsstand",
      "Updated": "12.04.2019 18:46:21h"
    },
    "Structure": {
```

```

    "Axis": [
      {
        "Code": "KREISE",
        "Content": "Kreise",
        "Type": "klassifizierend",
        "Updated": "16.04.2019 10:04:39h"
      },
      {
        "Code": "STAG",
        "Content": "Stichtag",
        "Type": "zeitidentifizierend",
        "Updated": "17.04.2019 07:23:02h"
      }
    ],
    "Contents": [
      {
        "Code": "FLC006",
        "Content": "Gebietsfläche",
        "Type": "Festkommazahl",
        "Unit": "qkm",
        "Values": "",
        "Timeslices": null,
        "Updated": "17.04.2019 07:23:02h"
      }
    ]
  },
  "Updated": "16.04.2019 08:21:56h"
},
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}

```

2.6.2 statistic

Explanation

The method "statistic" returns the metadata of the statistics <name> from <area>.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the statistic.	1-15 characters
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation:	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle

	- Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	external users: Katalog/Öffentlich Meine/Benutzer
General		
language	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/metadata/statistic>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411",
  "area": "all",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "metadata",
    "Method": "statistic"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "11111",
    "area": "Alle",
    "language": "de"
  },
  "Object": {
    "Code": "11111",
    "Content": "Gebietsstand",
    "Cubes": "2",
    "Variables": "7",
    "Frequency": [
      {
        "From": "01.01.1950",
        "To": null,
        "Type": "Jährlich"
      }
    ]
  }
}
```

```

    }
  ],
  "Information": null,
  "Updated": "12.04.2019 18:46:21h"
},
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland – Namensnennung – Version 2.0"
}

```

2.6.3 table

Explanation

The method "table" returns the metadata of the table <name> from <area>.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the table	1-15 characters
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/metadata/table>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411-0001",
  "area": "all",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "metadata",
    "Method": "table"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "11111-0001",
    "area": "Alle",
    "language": "de"
  },
  "Object": {
    "Code": "11111-0001",
    "Content": "Gebietsfläche: Bundesländer, Stichtag",
    "Time": {
      "From": "31.12.1800",
      "To": "31.12.2005"
    }
  },
  "Valid": "false",
  "Structure": {
    "Head": {
      "Code": "11111",
      "Content": "Gebietsstand",
      "Type": "Statistik",
      "Values": null,
      "Selected": null,
      "Structure": [
        {
          "Code": "FLC006",
          "Content": "Gebietsfläche",
          "Type": "Merkmal",
          "Values": null,
          "Selected": null,
          "Structure": null,
          "Updated": "see parent"
        }
      ]
    },
    "Updated": "see parent"
  },
  "Columns": [
    {
      "Code": "STAG",
      "Content": "Stichtag",

```

```

    "Type": "Merkmal",
    "Values": null,
    "Selected": null,
    "Structure": null,
    "Updated": "see parent"
  }
],
"Rows": [
  {
    "Code": "DLAND",
    "Content": "Bundesländer",
    "Type": "Merkmal",
    "Values": null,
    "Selected": null,
    "Structure": null,
    "Updated": "see parent"
  }
],
"Subtitel": null,
"Subheading": null
},
"Updated": "11.05.2016 09:53:15h"
},
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}

```

2.6.4 timeseries

Explanation

The method "timeseries" returns the metadata of the timeseries <name> from <area>.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the timeseries.	1-15 characters
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer

General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/metadata/timeseries>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411BJ001",
  "area": "all",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "metadata",
    "Method": "timeseries"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "21111LJ001",
    "area": "Alle",
    "language": "de"
  },
  "Object": {
    "Code": "21111LJ001",
    "Content": "Statistik der allgemeinbildenden Schulen, Schüler, Bundesländer, Schulart, Jahrgangsstufen, Geschlecht, Jahr",
    "State": "undefiniert",
    "Timeslices": [
      "1998",
      "1999",
      "2000"
    ],
    "Values": "0",
    "Statistic": {
      "Code": "21111",
      "Content": "Statistik der allgemeinbildenden Schulen",
      "Updated": "12.04.2019 18:46:21h"
    }
  }
}
```

```

    },
    "Structure": {
      "Axis": [
        {
          "Code": "DLAND",
          "Content": "Bundesländer",
          "Type": "klassifizierend",
          "Updated": "16.04.2019 10:04:39h"
        },
        {
          "Code": "BILSA1",
          "Content": "Schulart",
          "Type": "klassifizierend",
          "Updated": "16.04.2019 08:21:46h"
        },
        {
          "Code": "BILJG1",
          "Content": "Jahrgangsstufen",
          "Type": "klassifizierend",
          "Updated": "16.04.2019 08:21:46h"
        },
        {
          "Code": "GES",
          "Content": "Geschlecht",
          "Type": "klassifizierend",
          "Updated": "16.04.2019 15:30:36h"
        },
        {
          "Code": "JAHR",
          "Content": "Jahr",
          "Type": "zeitidentifizierend",
          "Updated": "16.04.2019 15:29:37h"
        }
      ],
      "Contents": [
        {
          "Code": "BIL001",
          "Content": "Schüler",
          "Type": "Ganzzahl",
          "Unit": "Anzahl",
          "Values": "",
          "Timeslices": null,
          "Updated": "08.04.2019 20:49:53h"
        }
      ]
    },
    "Updated": "20.06.2002 14:18:21h",
    "Time": null,
    "Valid": "true"
  },
  "Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz  

  Deutschland - Namensnennung - Version 2.0"
}

```

2.6.5 value

Explanation

The method "value" returns the metadata of the value <name> from <area>.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the value.	1-15 characters
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/metadata/value>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "LEDIG",
  "area": "all",
  "language": "de"
}
```

Response

```
{
  "Ident": {
```

```

    "Service": "metadata",
    "Method": "value"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "GESM",
    "area": "Alle",
    "language": "de"
  },
  "Object": {
    "Code": "GESM",
    "Content": "männlich",
    "Variables": "1",
    "Information": null,
    "Updated": "01.02.2002 14:23:01h"
  },
  "Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz  

  Deutschland – Namensnennung – Version 2.0"
}

```

2.6.6 variable

Explanation

The method "variable" returns the metadata of the variable <name> from <area>.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name or personal token	10 characters 32 characters (token)
<i>password</i>	The user's password; not necessary when entering token instead of user name	10-50 characters
Filter		
<i>name</i>	Name of the variable.	1-15 characters „*“-Notation
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer

General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/metadata/variable>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "FAMSTD",
  "area": "all",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "metadata",
    "Method": "variable"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "DLAND",
    "area": "Alle",
    "language": "de"
  },
  "Object": {
    "Code": "DLAND",
    "Content": "Bundesländer",
    "Type": "räumlich",
    "Values": "16",
    "Validity": {
      "From": "01.01.1950",
      "To": null
    },
    "Stock": null,
    "Summable": null,
    "SortOrder": "Kurztext",
    "BreakDownType": "davon",
    "Information": "Bundesländer\n\n\nBegriffsinhalt:\nDeutschland ist ein demokratischer, sozialer und föderativer\nBundesstaat, dem die Länder
```

*Baden-Württemberg, Bayern,\nBerlin, Brandenburg, Bremen, Hamburg,
Hessen,\nMecklenburg-Vorpommern, Niedersachsen, Nordrhein-
Westfalen,\nRheinland-Pfalz, Saarland, Sachsen, Sachsen-Anhalt,\nSchleswig-
Holstein und Thüringen angehören.\nDie Länder üben die staatlichen
Befugnisse aus, soweit das\nGrundgesetz nichts anderes bestimmt oder
zulässt. Die\nhöchste Gewalt (Souveränität) liegt beim Bund:
Bundesrecht\nbricht Landesrecht. Das Grundgesetz beschränkt
die\nVerfassungsautonomie der Länder; der Bund kann die Länder\ndurch
Gesetze neu gliedern und hat ihnen gegenüber weitere\nRechte
(Bundesaufsicht, Bundeszwang).",*

"Updated": "16.04.2019 10:04:39h"

*},
"Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland – Namensnennung – Version 2.0"
}*

2.7 Profile

Explanation

Methods to administrate your account.

Please note the limitation of requests as described in section 1.7.

Methods

- password: changes the users <password>
- removeResult: deletes a result.

2.7.1 password

Explanation

The method "password" performs a login and a changes the user's password followed by an immediate logoff. The new password <new> must be the same as that entered under <repeat>. This is a fast way to change a password. This method is of no interest if only Web services are used because passwords do not expire there. For this service, logging in with user name and password is mandatory; the token is not sufficient at this point.

Syntax

Parameter	Description	Range of values
Account data		
username	User name	10 characters
password	The user's password	10-50 characters
new	New password for the user.	10-50 characters
repeat	Repeat new password.	10-50 characters
General		
language	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/profile/password>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header)

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "new": "YOUR_NEW_PASSWORD",
  "repeat": "YOUR_NEW_PASSWORD_REPEATED",
  "language ": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "profile",
    "Method": "password"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "new": "*****",
    "repeat": "*****",
    "language": "de"
  },
  "Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
Deutschland - Namensnennung - Version 2.0"
}
```

2.7.2 removeResult

Explanation

The method "removeResult" deletes the results table <name> from <area>. For this service, logging in with user name and password is mandatory; the token is not sufficient at this point.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name	10 characters
<i>password</i>	The user's password	10-50 characters
Filter		
<i>name</i>	Name of the result.	1-15 characters
<i>area</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich Meine/Benutzer
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request – request method: POST

<https://genesis.destatis.de/genesisWS/rest/2020/profile/removeResult>

Account data: Fields in HTTP header.

Further parameter: Fields in request body.

Transmission has to take place with Content-Type application/x-www-form-urlencoded (can be specified in HTTP header).

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "IHR_ERGEBNIS",
  "area": "Meine",
  "language": "de"
}
```

Response

```
{
  "Ident": {
    "Service": "profile",
    "Method": "removeResult"
  },
  "Status": {
    "Code": 0,
    "Content": "erfolgreich",
    "Type": "Information"
  },
  "Parameter": {
    "username": "*****",
    "password": "*****",
    "name": "IHR_ERGEBNIS",
    "area": "Meine",
    "language": "de"
  },
  "Copyright": "© Statistisches Bundesamt (Destatis), 2020; Datenlizenz  
Deutschland - Namensnennung - Version 2.0"
}
```