



GENESIS

User Guide "Web Services"

Version 4.3

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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. In addition to the SOAP web service available since 2005, it has been possible since 2020 to retrieve data through a RESTful/JSON API.

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 SOAP/XML interface and a RESTful/JSON interface are available. Both interfaces work on the same database, which means that the login details and all statistical data are identical.

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

- Email: genesis-online@destatis.de
- Phone: +49 611 75 4555

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

- Email: genesis@destatis.de

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 Examples

All method specifications within the following chapters are documented with an example (request and response).

2.2 HelloWorld

Explanation

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

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.

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://www-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.

Syntax

Parameter	Description	Range of values
Account data		
username	User name	10 characters
password	The user's password	10-20 characters
General		
language	Messages and descriptions etc. will be delivered in this language. (partly later!)	<ul style="list-style-type: none"> - de = German - en = English

Request (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/helloworld/logincheck?username=YOUR_USERNAME&password=YOUR_PASSWORD&language=de

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.)

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	10 characters
<i>password</i>	The user's password	10-20 characters
Special		
<i>term</i>	Keyword(s) to be searched	any string of characters
<i>category</i>	Category to be searched in	<ul style="list-style-type: none"> - 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	1-2500, default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	<ul style="list-style-type: none"> - de = German - en = English

Request (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/find/find?username=YOUR_USERNAME&password=YOUR_PASSWORD&term=Abfall&category=all&pagelength=16&language=de)

[genesis.destatis.de/genesisWS/rest/2020/find/find?username=YOUR_USERNAME&password=YOUR_PASSWORD&term=Abfall&category=all&pagelength=16&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/find/find?username=YOUR_USERNAME&password=YOUR_PASSWORD&term=Abfall&category=all&pagelength=16&language=de)

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"
    }
  ],
  [...gekürzttes Beispiel...]
],
  "Statistics": [
    {
      "Code": "51000",
      "Content": "Außenhandel",
      "Cubes": "8",
      "Information": "true"
    },
    [...gekürzttes Beispiel...]
  ],
  "Tables": [
    {
      "Code": "61241-0099",
      "Content": "61241BM013 bis 61241BM016, 61241BM018, GP02Y2-H01",
      "Time": ""
    },
    [...gekürzttes 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.

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		
<code>username</code>	User name	10 characters
<code>password</code>	The user's password	10-20 characters
Filter		
<code>selection</code>	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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/cubes?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=124*&area=all&pagelength=20&language=de)

[genesis.destatis.de/genesisWS/rest/2020/catalogue/cubes?username=YOUR_USERNAME](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/cubes?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=124*&area=all&pagelength=20&language=de)
[AME&password=YOUR_PASSWORD&selection=124*&area=all&pagelength=20&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/cubes?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=124*&area=all&pagelength=20&language=de)
 e

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	10 characters
<i>password</i>	The user's password	10-20 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 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.	1-2500 default=100

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

Request (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/cubes2statistic?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411&selection=12411B*&area=all&pagelength=20&language=de

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	10 characters
<i>password</i>	The user's password	10-20 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: - 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/cubes2variable?username=**YOUR_USERNAME**&password=**YOUR_PASSWORD**&name=KREISE&selection=12*&area=all&pagelength=20&language=de

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		
<code>username</code>	User name	10 characters
<code>password</code>	The user's password	10-20 characters
Filter		
<code>selection</code>	Filters the jobs whose code matches <selection>	1-50 characters „*“-Notation
<code>searchcriterion</code>	Criterion to which <selection> is to be applied	<ul style="list-style-type: none"> - Auftragstyp - Status - Zeitpunkt

<i>sortcriterion</i>	Criterion to be used to sort the jobs	<ul style="list-style-type: none"> - Auftragstyp - Status - Zeitpunkt
<i>type</i>	Type of jobs to be listed	<ul style="list-style-type: none"> - Alle - Import - Export - Werteabruf - Summenquader berechnen - Datenquader bereinigen
Paging		
<i>pagelength</i>	Maximum number of items that will be returned.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	<ul style="list-style-type: none"> - de = German - en = English

Request (KVP)

`https://www-`

`genesis.destatis.de/genesisWS/rest/2020/catalogue/jobs?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=&searchcriterion=code&sortcriterion=code&type=all&pagelength=20&language=de`

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.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name	10 characters
<i>password</i>	The user's password	10-20 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	<ul style="list-style-type: none"> - 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	<ul style="list-style-type: none"> - de = German - en = English

Request (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/modifieddata?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=124*&type=all&date=20.02.2020&pagelength=20&language=de

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)

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

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	10 characters
<i>password</i>	The user's password	10-20 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/results?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=&area=all&pagelength=20&language=de)

[genesis.destatis.de/genesisWS/rest/2020/catalogue/results?username=YOUR_USERNAME](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/results?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=&area=all&pagelength=20&language=de)
[RNAME&password=YOUR_PASSWORD&selection=&area=all&pagelength=20&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/results?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=&area=all&pagelength=20&language=de)

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	10 characters
<i>password</i>	The user's password	10-20 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/statistics?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=124*&searchcriterion=code&sortcriterion=code&pagelength=20&language=de

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	10 characters
<i>password</i>	The user's password	10-20 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/statistics2variable?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=KREISE&selection=12*&area=all&searchcriterion=code&sortcriterion=code&pagelength=20&language=de)

[genesis.destatis.de/genesisWS/rest/2020/catalogue/statistics2variable?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=KREISE&selection=12*&area=all&searchcriterion=code&sortcriterion=code&pagelength=20&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/statistics2variable?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=KREISE&selection=12*&area=all&searchcriterion=code&sortcriterion=code&pagelength=20&language=de)

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	10 characters
<i>password</i>	The user's password	10-20 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/tables?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=124*&area=all&searchcriterion=&sortcriterion=&pagelength=20&language=de

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	10 characters
<i>password</i>	The user's password	10-20 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/tables2statistic?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411&selection=12411*&area=all&pagelength=20&language=de)

[genesis.destatis.de/genesisWS/rest/2020/catalogue/tables2statistic?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411&selection=12411*&area=all&pagelength=20&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/tables2statistic?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411&selection=12411*&area=all&pagelength=20&language=de)

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	10 characters
<i>password</i>	The user's password	10-20 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: - 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/tables2variable?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=KREISE&selection=12*&area=all&pagelength=20&language=de

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		
<code>username</code>	User name	10 characters
<code>password</code>	The user's password	10-20 characters
Filter		
<code>selection</code>	Filters the terms whose code matches <selection>	1-15 characters "-Notation
Paging		
<code>pagelength</code>	Maximum number of items that will be returned.	1-2500 default=100
General		
<code>language</code>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

`https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/terms?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=Schu*&pagelength=20&language=de`

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	10 characters
<i>password</i>	The user's password	10-20 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 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=124*&area=all&pagelength=20&language=de)

[genesis.destatis.de/genesisWS/rest/2020/catalogue/timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=124*&area=all&pagelength=20&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=124*&area=all&pagelength=20&language=de)

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	10 characters
<i>password</i>	The user's password	10-20 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

`https://www-`

`genesis.destatis.de/genesisWS/rest/2020/catalogue/timeseries2statistic?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411&selection=12411B*&area=all&pagelength=20&language=de`

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		
<i>username</i>	User name	10 characters
<i>password</i>	The user's password	10-20 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

```

https://www-
genesis.destatis.de/genesisWS/rest/2020/catalogue/timeseries2variable?usern
ame=YOUR_USERNAME&password=YOUR_PASSWORD&name=KREISE&selection=12*&area=all
&pagelength=20&language=de

```

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		
<i>username</i>	User name	10 characters
<i>password</i>	The user's password	10-20 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/values?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=0124*&area=all&searchcriterion=code&sortcriterion=code&pagelength=20&language=de

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	10 characters
<i>password</i>	The user's password	10-20 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/values2variable?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=KREISE&selection=12*&area=all&searchcriterion=code&sortcriterion=code&pagelength=20&language=de

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	10 characters
<i>password</i>	The user's password	10-20 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/variables?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=FA*&area=all&searchcriterion=code&sortcriterion=code&type=all&pagelength=20&language=de)

[genesis.destatis.de/genesisWS/rest/2020/catalogue/variables?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=FA*&area=all&searchcriterion=code&sortcriterion=code&type=all&pagelength=20&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/variables?username=YOUR_USERNAME&password=YOUR_PASSWORD&selection=FA*&area=all&searchcriterion=code&sortcriterion=code&type=all&pagelength=20&language=de)

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	10 characters
<i>password</i>	The user's password	10-20 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.	1-2500 default=100
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/catalogue/variables2statistic?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411&selection=12411B*&area=all&searchcriterion=code&sortcriterion=code&type=all&pagelength=20&language=de

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.

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		
<code>username</code>	User name	10 characters
<code>password</code>	The user's password	10-20 characters
Criterion		
<code>name</code>	Name of the result.	1-15 characters „*“-Notation
<code>area</code>	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 (chart)		
<i>chartType</i>	Type of chart	<ul style="list-style-type: none"> - 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)	<ul style="list-style-type: none"> - true - false (default)
<i>zoom</i>	Number of pixels / resolution	<ul style="list-style-type: none"> - 0 - 480x320 - 1 - 640x480 - 2 - 800x600 - 3 - 1024x768
<i>focus</i>	Compresses the value axis (y axis) to the value interval needed	<ul style="list-style-type: none"> - 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.	<ul style="list-style-type: none"> - true - false (default)
Result		
<i>format</i>	file format	<ul style="list-style-type: none"> - png
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	<ul style="list-style-type: none"> - de = German - en = English

Request (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/data/chart2result?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

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"
}

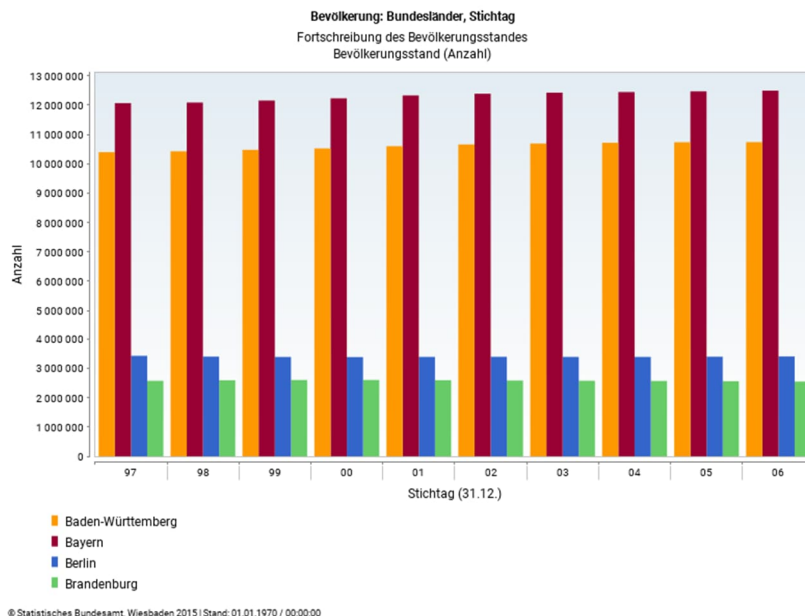
```

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	10 characters
<i>password</i>	The user's password	10-20 characters
Criterion		
<i>name</i>	Name of the table.	1-10 characters „*“-Notation
<i>area</i>	<p>Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows:</p> <ul style="list-style-type: none"> - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog <p>Translation:</p> <ul style="list-style-type: none"> - Meine/Benutzer my/user - Gruppe group - Amt office - Katalog/Öffentlich catalogue/public - Alle all 	<p>internal users:</p> <ul style="list-style-type: none"> Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle <p>external users:</p> <ul style="list-style-type: none"> Katalog/Öffentlich Meine/Benutzer
Special (chart)		
<i>chartType</i>	Type of chart	<ul style="list-style-type: none"> - 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)	<ul style="list-style-type: none"> - true - false (default)
<i>zoom</i>	Number of pixels / resolution	<ul style="list-style-type: none"> - 0 - 480x320 - 1 - 640x480 - 2 - 800x600 - 3 - 1024x768
<i>focus</i>	Compresses the value axis (y axis) to the value interval needed	<ul style="list-style-type: none"> - true - false (default)
<i>tops</i>	<p>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).</p> <p>All other chart types: limit to top 4 lines/bars (tops=true) or the first 4 lines/bars (tops=false) in order.</p>	<ul style="list-style-type: none"> - 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"	1-15characters "*" 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 (KVP)
[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/data/chart2table?username=YOUR_USER_NAME&password=YOUR_PASSWORD&name=12411-0001&area=all&chartType=0&drawPoints=false&zoom=2&focus=false&tops=false&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=png&stand=01.01.1970&language=de)
[genesis.destatis.de/genesisWS/rest/2020/data/chart2table?username=YOUR_USER](https://www-genesis.destatis.de/genesisWS/rest/2020/data/chart2table?username=YOUR_USER_NAME&password=YOUR_PASSWORD&name=12411-0001&area=all&chartType=0&drawPoints=false&zoom=2&focus=false&tops=false&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=png&stand=01.01.1970&language=de)
[NAME&password=YOUR_PASSWORD&name=12411-](https://www-genesis.destatis.de/genesisWS/rest/2020/data/chart2table?username=YOUR_USER_NAME&password=YOUR_PASSWORD&name=12411-0001&area=all&chartType=0&drawPoints=false&zoom=2&focus=false&tops=false&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=png&stand=01.01.1970&language=de)
[0001&area=all&chartType=0&drawPoints=false&zoom=2&focus=false&tops=false&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=png&stand=01.01.1970&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/data/chart2table?username=YOUR_USER_NAME&password=YOUR_PASSWORD&name=12411-0001&area=all&chartType=0&drawPoints=false&zoom=2&focus=false&tops=false&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=png&stand=01.01.1970&language=de)

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	10 characters
<i>password</i>	The user's password	10-20 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 - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer 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)
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 (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/data/chart2timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=11111LJ001&area=all&chartType=0&drawPoints=false&zoom=2&focus=false&tops=false&contents=&startyear=&endyear=×lices=®ionalvariable=®ionalkey=®ionalkeycode=&classifyingvariable1=&classifyingkey1=&classifyingkeycode1=&classifyingvariable2=&classifyingkey2=&classifyingkeycode2=&classifyingvariable3=&classifyingkey3=&classifyingkeycode3=&job=false&format=png&stand=01.01.1970&language=de)

[genesis.destatis.de/genesisWS/rest/2020/data/chart2timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=11111LJ001&area=all&chartType=0&drawPoints=false&zoom=2&focus=false&tops=false&contents=&startyear=&endyear=×lices=®ionalvariable=®ionalkey=®ionalkeycode=&classifyingvariable1=&classifyingkey1=&classifyingkeycode1=&classifyingvariable2=&classifyingkey2=&classifyingkeycode2=&classifyingvariable3=&classifyingkey3=&classifyingkeycode3=&job=false&format=png&stand=01.01.1970&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/data/chart2timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=11111LJ001&area=all&chartType=0&drawPoints=false&zoom=2&focus=false&tops=false&contents=&startyear=&endyear=×lices=®ionalvariable=®ionalkey=®ionalkeycode=&classifyingvariable1=&classifyingkey1=&classifyingkeycode1=&classifyingvariable2=&classifyingkey2=&classifyingkeycode2=&classifyingvariable3=&classifyingkey3=&classifyingkeycode3=&job=false&format=png&stand=01.01.1970&language=de)

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

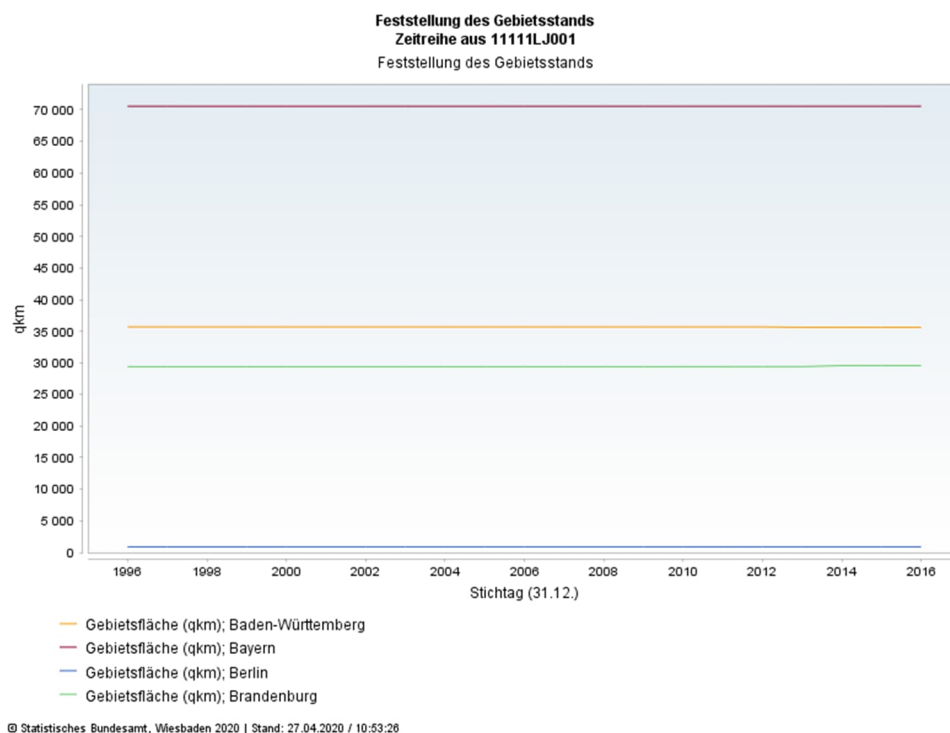
```

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

}



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	10 characters
<i>password</i>	The user's password	10-20 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?	<ul style="list-style-type: none"> - true (default) - false
<i>metadata</i>	Export metadata?	<ul style="list-style-type: none"> - true (default) - false
<i>additional</i>	Export corresponding metadata?	<ul style="list-style-type: none"> - 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 (KVP)

<https://www->

[genesis.destatis.de/genesisWS/rest/2020/data/cube?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&values=true&metadata=true&additional=false&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&stand=01.01.1970&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/data/cube?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&values=true&metadata=true&additional=false&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&stand=01.01.1970&language=de)

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\n\nD;11111KE001;N;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;GESPERRT;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		
username	User name	10 characters
password	The user's password	10-20 characters
Criterion		
name	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 (KVP)

<https://www->

[genesis.destatis.de/genesisWS/rest/2020/data/cubefile?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&values=true&metadata=true&additional=false&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=csv&stand=01.01.1970&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/data/cubefile?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&values=true&metadata=true&additional=false&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=csv&stand=01.01.1970&language=de)

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	10 characters
<i>password</i>	The user's password	10-20 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. 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
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 (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/data/map2result?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411-0001&area=all&mapType=0&classes=5&classification=0&zoom=2&format=png&language=de

Request (JSON)

```

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

```

```

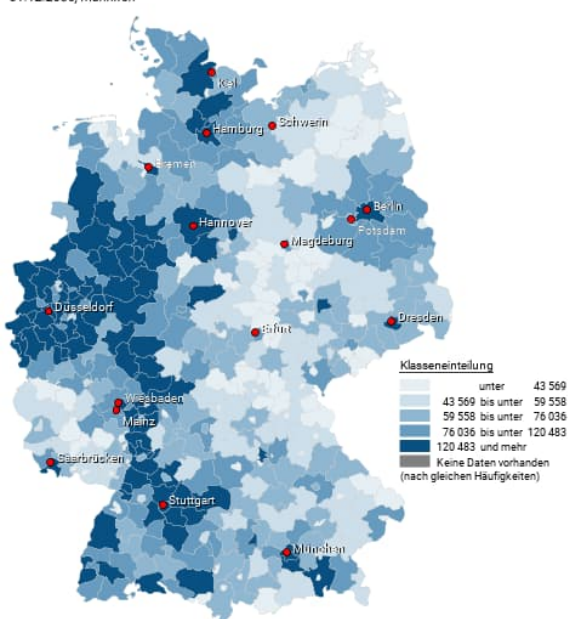
    "language": "de"
  }
}

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

Bevölkerung: Kreise, Stichtag, Geschlecht
 Fortschreibung des Bevölkerungsstandes
 Bevölkerungsstand (Anzahl)
 31.12.2006, männlich



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

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		
<i>username</i>	User name	10 characters
<i>password</i>	The user's password	10-20 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"	1-15characters "*" 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 (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/data/map2table?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411-0001&area=all&mapType=0&classes=5&classification=0&zoom=2&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=png&stand=01.01.1970&language=de)

[genesis.destatis.de/genesisWS/rest/2020/data/map2table?username=YOUR_USERNAME](https://www-genesis.destatis.de/genesisWS/rest/2020/data/map2table?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411-0001&area=all&mapType=0&classes=5&classification=0&zoom=2&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=png&stand=01.01.1970&language=de)

[ME&password=YOUR_PASSWORD&name=12411-](https://www-genesis.destatis.de/genesisWS/rest/2020/data/map2table?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411-0001&area=all&mapType=0&classes=5&classification=0&zoom=2&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=png&stand=01.01.1970&language=de)

[0001&area=all&mapType=0&classes=5&classification=0&zoom=2&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=png&stand=01.01.1970&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/data/map2table?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411-0001&area=all&mapType=0&classes=5&classification=0&zoom=2&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=png&stand=01.01.1970&language=de)

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",

```



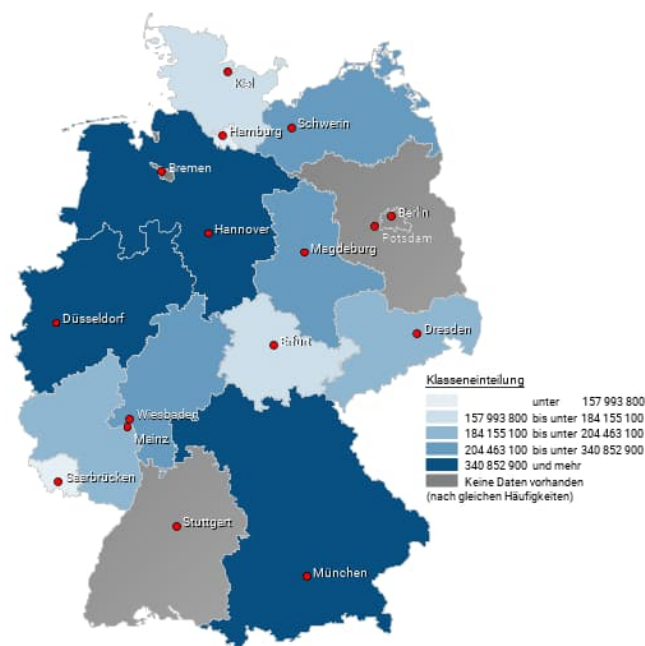
```

    "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		
<i>username</i>	User name	10 characters
<i>password</i>	The user's password	10-20 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 - 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 (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/data/map2timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&mapType=0&classes=5&classification=0&zoom=2&contents=&startyear=&endyear=×lices=®ionalvariable=®ionalkey=®ionalkeycode=&classifyingvariable1=&classifyingkey1=&classifyingkeycode1=&classifyingvariable2=&classifyingkey2=&classifyingkeycode2=&classifyingvariable3=&classifyingkey3=&classifyingkeycode3=&format=png&stand=01.01.1970&language=de)

[genesis.destatis.de/genesisWS/rest/2020/data/map2timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&mapType=0&classes=5&classification=0&zoom=2&contents=&startyear=&endyear=×lices=®ionalvariable=®ionalkey=®ionalkeycode=&classifyingvariable1=&classifyingkey1=&classifyingkeycode1=&classifyingvariable2=&classifyingkey2=&classifyingkeycode2=&classifyingvariable3=&classifyingkey3=&classifyingkeycode3=&format=png&stand=01.01.1970&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/data/map2timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&mapType=0&classes=5&classification=0&zoom=2&contents=&startyear=&endyear=×lices=®ionalvariable=®ionalkey=®ionalkeycode=&classifyingvariable1=&classifyingkey1=&classifyingkeycode1=&classifyingvariable2=&classifyingkey2=&classifyingkeycode2=&classifyingvariable3=&classifyingkey3=&classifyingkeycode3=&format=png&stand=01.01.1970&language=de)

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

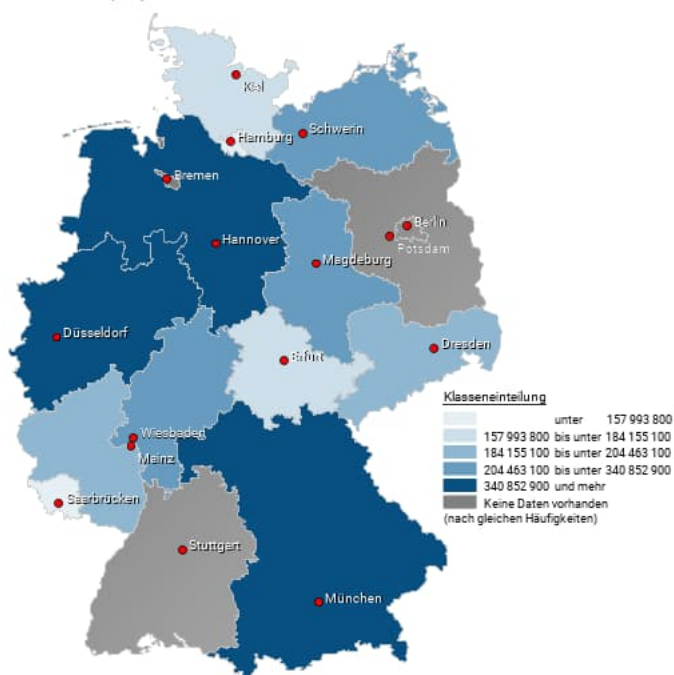
```

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	10 characters
<i>password</i>	The user's password	10-20 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 (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 (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/data/result?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411-0001&area=all&compress=false&language=de

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		
<i>username</i>	User name	10 characters
<i>password</i>	The user's password	10-20 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 (table/result)		
<i>compress</i>	Suppress empty rows and columns?	- true - false (default)
Result		
<i>format</i>	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 (KVP)

https://www-
 genesis.destatis.de/genesisWS/rest/2020/data/resultfile?username=**YOUR_USERN**
AME&password=**YOUR_PASSWORD**&name=12411-
 0001&area=all&compress=false&format=csv&language=de

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	10 characters
<i>password</i>	The user's password	10-20 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 (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>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
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.	- 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 (KVP)

```
https://www-
genesis.destatis.de/genesisWS/rest/2020/data/table?username=YOUR_USERNAME&p
assword=YOUR_PASSWORD&name=11111-
0001&area=all&compress=false&transpose=false&startyear=&endyear=&timeslices
=&regionalvariable=&regionalkey=&classifyingvariable1=&classifyingkey1=&cla
ssifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&
job=false&stand=01.01.1970&language=de
```

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "11111-0001",
  "area": "all",
  "compress": "false",
  "transpose": "false",
  "startyear": "",
  "endyear": "",
  "timeslices": "",
  "regionalvariable": "",
  "regionalkey": "",
  "classifyingvariable1": "",
  "classifyingkey1": "",
  "classifyingvariable2": "",
  "classifyingkey2": "",
  "classifyingvariable3": "",
  "classifyingkey3": "",
  "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",
    "compress": "false",
    "transpose": "false",
    "startyear": "",
    "endyear": "",
    "timeslices": "",
    "regionalvariable": "",
    "regionalkey": "",
    "classifyingvariable1": "",
    "classifyingkey1": "",
    "classifyingvariable2": "",

```

```

    "classifyingkey2": "",
    "classifyingvariable3": "",
    "classifyingkey3": "",
    "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\\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
}
},
"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.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name	10 characters
<i>password</i>	The user's password	10–20 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 (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>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	<ul style="list-style-type: none"> - csv - datencsv (default) - ffcsv - genml - html - xlsx

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.	<ul style="list-style-type: none"> - 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!)	<ul style="list-style-type: none"> - de = German - en = English

Request (KVP)

`https://www-`

`genesis.destatis.de/genesisWS/rest/2020/data/tablefile?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411-0001&area=all&compress=false&transpose=false&startyear=&endyear=×lices=®ionalvariable=®ionalkey=&classifyingvariable1=&classifyingkey1=&classifyingvariable2=&classifyingkey2=&classifyingvariable3=&classifyingkey3=&format=csv&job=false&stand=01.01.1970&language=de`

Request (JSON)

```
{
  "username": "YOUR_USERNAME",
  "password": "YOUR_PASSWORD",
  "name": "12411-0001",
  "area": "all",
  "compress": "false",
  "transpose": "false",
  "startyear": "",
  "endyear": "",
  "timeslices": "",
  "regionalvariable": "",
  "regionalkey": "",
  "classifyingvariable1": "",
  "classifyingkey1": "",
  "classifyingvariable2": "",
  "classifyingkey2": "",
  "classifyingvariable3": "",
  "classifyingkey3": "",
  "format": "csvs",
  "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

© Statistisches Bundesamt (Destatis), 2020; Datenlizenz
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	10 characters
<i>password</i>	The user's password	10-20 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 - Katalog/Öffentlich catalogue/public - Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle 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>regionalkeycode</i>	Enables the additional displaying of the code of the attributes of	- true

	"regionalvariable"	- 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.	- 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 (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/data/timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&compress=false&transpose=false&contents=&startyear=&endyear=×lices=®ionalvariable=®ionalkey=®ionalkeycode=&classifyingvariable1=&classifyingkey1=&classifyingkeycode1=&classifyingvariable2=&classifyingkey2=&classifyingkeycode2=&classifyingvariable3=&classifyingkey3=&classifyingkeycode3=&job=false&stand=01.01.1970&language=de)

[genesis.destatis.de/genesisWS/rest/2020/data/timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&compress=false&transpose=false&contents=&startyear=&endyear=×lices=®ionalvariable=®ionalkey=®ionalkeycode=&classifyingvariable1=&classifyingkey1=&classifyingkeycode1=&classifyingvariable2=&classifyingkey2=&classifyingkeycode2=&classifyingvariable3=&classifyingkey3=&classifyingkeycode3=&job=false&stand=01.01.1970&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/data/timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&compress=false&transpose=false&contents=&startyear=&endyear=×lices=®ionalvariable=®ionalkey=®ionalkeycode=&classifyingvariable1=&classifyingkey1=&classifyingkeycode1=&classifyingvariable2=&classifyingkey2=&classifyingkeycode2=&classifyingvariable3=&classifyingkey3=&classifyingkeycode3=&job=false&stand=01.01.1970&language=de)

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\nBaden-Württemberg;Fischerei u.
Fischzucht;Steuerpflichtige;Anzahl;51\nBaden-Württemberg;Fischerei u.
Fischzucht;Umsatz: Lieferungen und Leistungen;Tsd. EUR;11346\nBaden-
Württemberg;Kohlenbergbau, Torfgewinnung;Steuerpflichtige;Anzahl;12\nBaden-
Württemberg;Kohlenbergbau, Torfgewinnung;Umsatz: Lieferungen und
Leistungen;Tsd. EUR;48595\nBaden-Württemberg;Gew.v.Erdöl
u.Erdgas,Erbringung verb.Dienstleistg.;Steuerpflichtige;Anzahl;8\nBaden-
Württemberg;Gew.v.Erdöl u.Erdgas,Erbringung verb.Dienstleistg.;Umsatz:
Lieferungen und Leistungen;Tsd. EUR;9031\nBaden-Württemberg;Bergbau auf
Uran- u.Thoriumerze;Steuerpflichtige;Anzahl;- \nBaden-Württemberg;Bergbau
auf Uran- u.Thoriumerze;Umsatz: Lieferungen und Leistungen;Tsd. EUR;-
\nBaden-Württemberg;Erzbergbau;Steuerpflichtige;Anzahl;- \n_____ \n
Statistisches Bundesamt (Destatis), 2020; Datenlizenz Deutschland -
Namensnennung - Version 2.0\nStand: 01.01.1970 / 00:00:00\n"
    [...gekürzttes 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		
username	User name	10 characters
password	The user's password	10-20 characters
Selektionskriterium		
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 (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 indicated, 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"	<ul style="list-style-type: none"> - 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"	<ul style="list-style-type: none"> - 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"	<ul style="list-style-type: none"> - true - false
Ausgabe		
<i>format</i>	file format	<ul style="list-style-type: none"> - 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.	<ul style="list-style-type: none"> - 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!)	<ul style="list-style-type: none"> - de = German - en = English

Request (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/data/timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&compress=false&transpose=false&contents=&startyear=&endyear=×lices=®ionalvariable=®ionalkey=®ionalkeycode=&classifyingvariable1=&classifyingkey1=&classifyingkeycode1=&classifyingvariable2=&classifyingkey2=&classifyingkeycode2=&classifyingvariable3=&classifyingkey3=&classifyingkeycode3=&format=csv&job=false&stand=01.01.1970&language=de)

[genesis.destatis.de/genesisWS/rest/2020/data/timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&compress=false&transpose=false&contents=&startyear=&endyear=×lices=®ionalvariable=®ionalkey=®ionalkeycode=&classifyingvariable1=&classifyingkey1=&classifyingkeycode1=&classifyingvariable2=&classifyingkey2=&classifyingkeycode2=&classifyingvariable3=&classifyingkey3=&classifyingkeycode3=&format=csv&job=false&stand=01.01.1970&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/data/timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&compress=false&transpose=false&contents=&startyear=&endyear=×lices=®ionalvariable=®ionalkey=®ionalkeycode=&classifyingvariable1=&classifyingkey1=&classifyingkeycode1=&classifyingvariable2=&classifyingkey2=&classifyingkeycode2=&classifyingvariable3=&classifyingkey3=&classifyingkeycode3=&format=csv&job=false&stand=01.01.1970&language=de)

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\Umsatzsteuerpflichtige
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
[...gekürztes 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.

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	10 characters
<i>password</i>	The user's password	10-20 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 (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/metadata/cube?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&language=de)

[genesis.destatis.de/genesisWS/rest/2020/metadata/cube?username=YOUR_USERNAME](https://www-genesis.destatis.de/genesisWS/rest/2020/metadata/cube?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&language=de)
[E&password=YOUR_PASSWORD&name=12411BJ001&area=all&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/metadata/cube?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&language=de)

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	10 characters
<i>password</i>	The user's password	10-20 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: - 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 (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/metadata/statistic?username=YOUR_US
 ERNAME&password=YOUR_PASSWORD&name=12411&area=all&language=de

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": "J hrlich"
      }
    ],
    "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	10 characters
<i>password</i>	The user's password	10-20 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 (KVP)

[https://www-](https://www-genesis.destatis.de/genesisWS/rest/2020/metadata/table?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411-0001&area=all&language=de)

[genesis.destatis.de/genesisWS/rest/2020/metadata/table?username=YOUR_USERNAME](https://www-genesis.destatis.de/genesisWS/rest/2020/metadata/table?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411-0001&area=all&language=de)
[ME&password=YOUR_PASSWORD&name=12411-0001&area=all&language=de](https://www-genesis.destatis.de/genesisWS/rest/2020/metadata/table?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411-0001&area=all&language=de)

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	10 characters
<i>password</i>	The user's password	10-20 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 (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/metadata/timeseries?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=12411BJ001&area=all&language=de

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	10 characters
<i>password</i>	The user's password	10-20 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 (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/metadata/value?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=LEDIG&area=all&language=de

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",
    "pagelength": null,
    "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	10 characters
<i>password</i>	The user's password	10-20 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		
language	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

https://www-

genesis.destatis.de/genesisWS/rest/2020/metadata/variable?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=FAMSTD&area=all&language=de

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
    },
    "Information": "Bundesländer\n\nBegriffsinhalt:\nDeutschland ist ein demokratischer, sozialer und föderativer Bundesstaat, dem die Länder Baden-Württemberg, Bayern, Berlin, Brandenburg, Bremen, Hamburg, Hessen, Mecklenburg-Vorpommern, Niedersachsen, Nordrhein-Westfalen, Rheinland-Pfalz, Saarland, Sachsen, Sachsen-Anhalt, Schleswig-Holstein und Thüringen angehören. Die Länder üben die staatlichen Befugnisse aus, soweit das Grundgesetz nichts anderes bestimmt oder zulässt. Die höchste Gewalt (Souveränität) liegt beim Bund: Bundesrecht bricht Landesrecht. Das Grundgesetz beschränkt die Verfassungsautonomie der Länder; der Bund kann die Länder durch Gesetze neu gliedern und hat ihnen gegenüber weitere Rechte (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.

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.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name	10 characters
<i>password</i>	The user's password	10-20 characters
<i>new</i>	New password for the user.	10-20 characters
<i>repeat</i>	Repeat new password.	10-20 characters
General		
<i>language</i>	Messages and descriptions etc. will be delivered in this language. (partly later!)	- de = German - en = English

Request (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/profile/password?username=YOUR_USER_NAME&password=YOUR_PASSWORD&new=YOUR_NEW_PASSWORD&repeat=YOUR_NEW_PASSWORD_REPEATED&language=de

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>.

Syntax

Parameter	Description	Range of values
Account data		
<i>username</i>	User name	10 characters
<i>password</i>	The user's password	10-20 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 (KVP)

https://www-genesis.destatis.de/genesisWS/rest/2020/profile/removeresult?username=YOUR_USERNAME&password=YOUR_PASSWORD&name=IHR_ERGEBNIS&area=all&language=de

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"
}
```

3 Specification SOAP/XML

3.1 General

GENESIS Web services is a collection of currently over 40 public methods, which are structured into the following services:

- AdministrationService service to maintain your account.
- DownloadService service to download files as SOAP attachments
- ExportService service to respond by sending xml data
- NutzerService service to settle user issues
- RechercheService service to search information or objects
- TestService service to get running with GENESIS Web services

Due to new requirements and as part of the further development of GENESIS and its components, new services and methods are added permanently. Also, existing methods can be expanded to include new parameters. To keep efforts for users to a minimum, changes of interfaces are published as a new version of a service, "old" services stay stable. In this documentation, changes compared with previous versions are marked as such.

In new versions of services, the year of publication is indicated. Users are recommended to use the latest version of a service.

3.1.1 Status

Some services respond by sending an object called "returnInfo" (see wsdl):

```
<returnInfo>
  <code>0</code>
  <inhalt>erfolgreich</inhalt>
  <typ>Information</typ>
</returnInfo>
```

The field "code" indicates the identification number of that error.

The field "inhalt" contains a textual description of the error.

The field "typ" has one of the following values:

- "Fehler": Error
- "Warnung": Warning
- "Information": Information

3.1.2 Feedback

If any questions or problems occur, do not hesitate to contact us:

Subject-matter questions concerning statistics, tables or background information:

- Email: genesis-online@destatis.de
- Phone: +49 611 75 4555

Technical issues concerning Web services:

- Email: genesis@destatis.de
- Phone: +49 611 75 3403

3.2 AdministrationService_2010

The AdministrationService contains the following methods:

- ErgebnisEntfernen: Deletes a result.
- TabelleEntfernen: Deletes a table.

3.2.1 ErgebnisEntfernen

Explanation

Deletes a result.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selektion		
<i>name</i>	Name of the result	1-20 digit.
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/AdministrationService_2010?method=ErgebnisEntfernen&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=MeineTab&bereich=Benutzer&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:ErgebnisEntfernen soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">MeineTab</name>
      <bereich xsi:type="xsd:string">Benutzer</bereich>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:ErgebnisEntfernen>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:ErgebnisEntfernenResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <ErgebnisEntfernenReturn>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
      </ErgebnisEntfernenReturn>
    </ns1:ErgebnisEntfernenResponse>
  </soapenv:Body>
</soapenv:Envelope>
```


3.2.2 TabelleEntfernen

Explanation

Deletes a table.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selektion		
<i>name</i>	Name of the table	1-20 digit.
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/AdministrationService_2010?method=TabelleEntfernen&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=MeineTab&bereich=Benutzer&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:TabelleEntfernen soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">MeineTab</name>
      <bereich xsi:type="xsd:string">Benutzer</bereich>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:TabelleEntfernen>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:TabelleEntfernenResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <TabelleEntfernenReturn>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
      </TabelleEntfernenReturn>
    </ns1:TabelleEntfernenResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

3.3 DownloadService_2010

The DownloadService contains the following methods:

- DiagrammDownload: Returns a chart as an attachment.
- ErgebnisDownload: Returns a table as an attachment.
- ErgebnisDiagrammDownload: Returns a chart as an attachment.
- ErgebnisKarteDownload: Returns a map as an attachment.
- ExcelDownload: Returns a table in MS-Excel-format as an attachment.
- KarteDownload: Returns a map as an attachment.
- TabellenDownload: Returns a table as an attachment.
- ZeitreihenDownload: Returns a time series as an attachment.

3.3.1 DiagrammDownload

Explanation

Returns a chart to a table according to options as SOAP-attachment.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	8 characters
<i>passwort</i>	The users password	6-8 characters
Selection		
<i>name</i>	Name of the table	1-10 characters
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>format</i>	file format	png (jpg → later!) (gif → later!)
<i>diagrammTyp</i>	Type of diagramm	0 - line chart 1 - bar chart 2 - pie chart 3 - cloud of dots
<i>zeichnePunkte</i>	Show marker dots in the chart? (only applies to line charts)	true / false
<i>zoom</i>	Number of pixels / resolution	0 - 480x320 1 - 640x480 2 - 800x600 3 - 1024x768
<i>wertefokus</i>	Compresses the value axis (y-axis) to the needed intervall.	true / false
<i>monochrom</i>	Displaying of the chart in black/white (monochrom=true) or in color (monochrom=false)	true / false

<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)
<i>startjahr</i>	Data starting at this year will be used. This parameter cumulates with „zeitscheiben“.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>endjahr</i>	Data ending at this year will be used. This parameter cumulates with „zeitscheiben“.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>zeitscheiben</i>	Number of recent time slices that will be used. This parameter cumulates with „zeitscheiben“.	positive integer
<i>regionalmerkmal</i>	„code“ of the regional variable to which the selection „regionalschlüssel“ is applied.	1-6 digits;
<i>regionalschlüssel</i>	Regional key as Amtlicher Gemeindeschlüssel (AGS), separated by „.“ to use these regions only..	1-8 characters; „*“-Notation.
<i>sachmerkmal</i>	„code“ of the subject variable, to which the selection „sachschlüssel“ is applied.	1-6 digits.
<i>sachschlüssel</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal“.	1-15 digits; „*“-Notation.
<i>sachmerkmal2</i>	„code“ of the second subject variable to which the selection „sachschlüssel2“ is applied.	1-6 digits.
<i>sachschlüssel2</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal2“.	1-15 digits; „*“-Notation.
<i>sachmerkmal3</i>	„code“ of the third subject variable to which the selection „sachschlüssel3“ is applied.	1-6 digits.
<i>sachschlüssel3</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal3“.	1-15 digits; „*“-Notation.
<i>auftrag</i>	Enqueue an asynchronous processing job if the chart can not be produced immediately? You can retrieve the result by calling „ErgebnisDiagrammDownload“ after some minutes.	true / false
<i>stand</i>	The diagramm will only be produced, if the data are newer than this date.	„dd.mm.yyyy hh:mm“ or „dd.mm.yyyy“ Example: „24.12.2001 19:15“
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```
https://www-genesis.destatis.de/genesisWS/web/DownloadService_2010?method=DiagrammDownload&kennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD&name=12411-0002&bereich=Alle&format=png&diagrammTyp=2&zeichnePunkte=false&zoom=3&wertefokus=false&startjahr=1995&endjahr=2000&zeitscheiben=&regionalmerkmal=regionalschlüssel=&sachmerkmal=&sachschlüssel=&sachmerkmal2=&sachschlüssel2=&sachmerkmal3=&sachschlüssel3=&auftrag=false&stand=&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:DiagrammDownload soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <name xsi:type="xsd:string">12411-0002</name>
    </web:DiagrammDownload>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<bereich xsi:type="xsd:string">Alle</bereich>
<format xsi:type="xsd:string">png</format>
<diagrammTyp xsi:type="xsd:byte">2</diagrammTyp>
<zeichnePunkte xsi:type="xsd:boolean">false</zeichnePunkte>
<zoom xsi:type="xsd:byte">3</zoom>
<wertefokus xsi:type="xsd:boolean">false</wertefokus>
<startjahr xsi:type="xsd:string">1995</startjahr>
<endjahr xsi:type="xsd:string">2000</endjahr>
<zeitscheiben xsi:type="xsd:string"></zeitscheiben>
<regionalmerkmal xsi:type="xsd:string"></regionalmerkmal>
<regionalschluessel xsi:type="xsd:string"></regionalschluessel>
<sachmerkmal xsi:type="xsd:string"></sachmerkmal>
<sachschluessel xsi:type="xsd:string"></sachschluessel>
<sachmerkmal2 xsi:type="xsd:string"></sachmerkmal2>
<sachschluessel2 xsi:type="xsd:string"></sachschluessel2>
<sachmerkmal3 xsi:type="xsd:string"></sachmerkmal3>
<sachschluessel3 xsi:type="xsd:string"></sachschluessel3>
<auftrag xsi:type="xsd:boolean">false</auftrag>
<stand xsi:type="xsd:string"></stand>
<sprache xsi:type="xsd:string"></sprache>
</web:DiagrammDownload>
</soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:DiagrammDownloadResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <DiagrammDownloadReturn href="cid:020014358BABB96BE598D5C05217DCF4"/>
    </ns1:DiagrammDownloadResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

„href“ points to the diagramm within the attachment of the SOAP-document.

3.3.2 ErgebnisDownload

Explanation

Returns a result according to options as SOAP-attachment.

Syntax

Parameter	Description	Range of values										
Account data												
kennung	User name	8 characters										
passwort	The users password	6-8 characters										
Selection												
name	Name of the table	1-10 characters.										
bereich	<p>Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows:</p> <ul style="list-style-type: none">- Benutzer ↔ Meine- Öffentlich ↔ Katalog <p>Translation:</p> <table><tr><td>Meine/Benutzer</td><td>user</td></tr><tr><td>Gruppe</td><td>group</td></tr><tr><td>Amt</td><td>office</td></tr><tr><td>Katalog/Öffentlich</td><td>public</td></tr><tr><td>Alle</td><td>all</td></tr></table>	Meine/Benutzer	user	Gruppe	group	Amt	office	Katalog/Öffentlich	public	Alle	all	<p>internal users:</p> <p>Meine/Benutzer</p> <p>Gruppe</p> <p>Amt</p> <p>Katalog/Öffentlich</p> <p>Alle</p> <p>external users:</p> <p>Meine/Benutzer</p> <p>Katalog/Öffentlich</p>
Meine/Benutzer	user											
Gruppe	group											
Amt	office											
Katalog/Öffentlich	public											
Alle	all											

Options		
<i>format</i>	file format	csv datencsv gsb html (sdmx-ml → later!) (TabML → later!) (xml → later!)
<i>komprimieren</i>	Suppress empty rows and columns?	true false
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/ExportService_2010?method=ErgebnisDownload&kennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD&name=12411-0004&bereich=Alle&format=csv&komprimieren=false&sprache=de

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:TabellenExport soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <name xsi:type="xsd:string">12411-0004</name>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <format xsi:type="xsd:string">csv</format>
      <komprimieren xsi:type="xsd:boolean">false</komprimieren>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:TabellenExport>
  </soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:ErgebnisDownloadResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <ErgebnisDownloadReturn href="cid:021DE6C9F213089DCB18FF14AE98FAB4"/>
    </ns1:ErgebnisDownloadResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

„href“ points to the file within the attachment of the SOAP-document.

3.3.3 ErgebnisDiagrammDownload

Explanation

Returns a chart to a result according to options as SOAP-attachment.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	8 characters
<i>passwort</i>	The users password	6-8 characters

Selection		
name	Name of the result	1-10 characters
bereich	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
format	file format	png (jpg → later!) (gif → later!)
diagrammTyp	Type of diagramm	0 - line chart 1 - bar chart 2 - pie chart 3 - cloud of dots
zeichnePunkte	Show marker dots in the chart? (only applies to line charts)	true / false
zoom	Number of pixels / resolution	0 - 480x320 1 - 640x480 2 - 800x600 3 - 1024x768
wertefokus	Compresses the value axis (y-axis) to the needed intervall.	true / false
monochrom	Displaying of the chart in black/white (monochrom=true) or in color (monochrom=false)	true / false
tops	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)
sprache	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/DownloadService_2010?method=ErgebnisDiagrammDownload&kennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD&name=12411-0002&bereich=Alle&format=png&diagrammTyp=2&zeichnePunkte=false&zoom=3&wertefokus=false&sprache=de

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:ErgebnisDiagrammDownload
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <name xsi:type="xsd:string">12411-0002</name>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <format xsi:type="xsd:string">png</format>
      <diagrammTyp xsi:type="xsd:byte">2</diagrammTyp>
      <zeichnePunkte xsi:type="xsd:boolean">false</zeichnePunkte>
      <zoom xsi:type="xsd:byte">3</zoom>
      <wertefokus xsi:type="xsd:boolean">false</wertefokus>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:ErgebnisDiagrammDownload>
  </soapenv:Body>

```

```
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:ErgebnisDiagrammDownloadResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <ErgebnisDiagrammDownloadReturn href="cid:020014358BABB96BE598D5C05217DCF4" />
    </ns1:ErgebnisDiagrammDownloadResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

„href“ points to the diagramm within the attachment of the SOAP-document.

3.3.4 ErgebniskarteDownload

Explanation

Returns a map to a result according to options as SOAP-attachment.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	8 characters
<i>passwort</i>	The users password	6-8 characters
Selection		
<i>name</i>	Name of the result	1-10 characters
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>format</i>	file format	png (jpg → later!) (gif → later!)
<i>kartenTyp</i>	Type of map	0 - map 1 --> later!
<i>gitternetz</i>	Show outlines of next regional level?	true, false
<i>klassenanzahl</i>	Number of classes for the values. A class comprises a range of values which will be displayed in the same color.	2,3,4,5
<i>klasseneinteilung</i>	The value 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.	0,1
<i>reihenauswahl</i>	Index of the data row to be displayed.	positive integer
<i>monochrom</i>	Displaying of the map in black/white (monochrom=true) or in colors (monochrom=false)	true / false
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```
https://www-genesis.destatis.de/genesisWS/web/DownloadService_2010?method=ErgebnisKarteDownload&kennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD&name=12411-0014&bereich=Alle&format=png&kartenTyp=0&gitternetz=false&klassenanzahl=5&klasseneinteilung=1&reihenauswahl=&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:ErgebnisKarteDownload
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <name xsi:type="xsd:string">12411-0002</name>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <format xsi:type="xsd:string">png</format>
      <kartenTyp xsi:type="xsd:byte">0</kartenTyp>
      <gitternetz xsi:type="xsd:boolean">false</gitternetz>
      <klassenanzahl xsi:type="xsd:byte">4</klassenanzahl>
      <klasseneinteilung xsi:type="xsd:byte">1</klasseneinteilung>
      <reihenauswahl xsi:type="xsd:byte">1</reihenauswahl>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:ErgebnisKarteDownload>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:ErgebnisKarteDownloadResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <ErgebnisKarteDownloadReturn href="cid:E1362EDB69730CE3594BFDEED30DB3B1"/>
    </ns1:ErgebnisKarteDownloadResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

„href“ points to the map within the attachment of the SOAP-document.

3.3.5 ExcelDownload

Explanation

Returns a table in MS-Excel-format according to options as SOAP-attachment.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	8 characters
<i>passwort</i>	The users password	6-8 characters
Selection		
<i>name</i>	Name of the table	1-10 characters
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		

<i>komprimieren</i>	Suppress empty rows and columns?	true false (default)
<i>transponieren</i>	Transpose table (i.e. swap rows and columns)?	true false (default)
<i>startjahr</i>	Data starting at this year will be used. This parameter cumulates with „zeitscheiben“.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>endjahr</i>	Data ending at this year will be used. This parameter cumulates with „zeitscheiben“.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>zeitscheiben</i>	Number of recent time slices that will be used. This parameter cumulates with „zeitscheiben“.	positive integer
<i>regionalmerkmal</i>	„code“ of the regional variable to which the selection „regionalschlüssel“ is applied.	1-6 digits;
<i>regionalschlüssel</i>	Regional key as Amtlicher Gemeindeschlüssel (AGS), separated by „.“ to use these regions only..	1-8 numbers; „*“-Notation.
<i>sachmerkmal</i>	„code“ of the subject variable, to which the selection „sachschlüssel“ is applied.	1-6 digits.
<i>sachschlüssel</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal“.	1-15 digits; „*“-Notation.
<i>sachmerkmal2</i>	„code“ of the second subject variable to which the selection „sachschlüssel2“ is applied.	1-6 digits.
<i>sachschlüssel2</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal2“.	1-15 digits; „*“-Notation.
<i>sachmerkmal3</i>	„code“ of the third subject variable to which the selection „sachschlüssel3“ is applied.	1-6 digits.
<i>sachschlüssel3</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal3“.	1-15 digits; „*“-Notation.
<i>auftrag</i>	Enqueue an asynchronous processing job if the table can not be produced immediately? You can retrieve the result by calling „ErgebnisDownload“ after some minutes.	true / false
<i>stand</i>	The table will only be produced, if the data are newer than this date.	„dd.mm.yyyy hh:mm“ or „dd.mm.yyyy“ Example: „24.12.2001 19:15“
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```
https://www-
genesis.destatis.de/genesisWS/web/DownloadService_2010?method=ExcelDownload&kennung=YOUR_USER_
NAME&password=YOUR_PASSWORD&name=12411-
0002&bereich=Alle&komprimieren=false&transponieren=false&startjahr=1995&endjahr=2000&zeitschei
ben=&regionalmerkmal=&regionalschlüssel=&sachmerkmal=&sachschlüssel=&sachmerkmal2=&sachschlu
essel2=&sachmerkmal3=&sachschlüssel3=&auftrag=false&stand=&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:ExcelDownload soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennenung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">12411-0002</name>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <komprimieren xsi:type="xsd:boolean">false</komprimieren>
      <transponieren xsi:type="xsd:boolean">false</transponieren>
      <startjahr xsi:type="xsd:string">1995</startjahr>
    </web:ExcelDownload>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<endjahr xsi:type="xsd:string">2000</endjahr>
<zeitscheiben xsi:type="xsd:string"></zeitscheiben>
<regionalmerkmal xsi:type="xsd:string"></regionalmerkmal>
<regionalschluesel xsi:type="xsd:string"></regionalschluesel>
<sachmerkmal xsi:type="xsd:string"></sachmerkmal>
<sachschluesel xsi:type="xsd:string"></sachschluesel>
<sachmerkmal2 xsi:type="xsd:string"></sachmerkmal2>
<sachschluesel2 xsi:type="xsd:string"></sachschluesel2>
<sachmerkmal3 xsi:type="xsd:string"></sachmerkmal3>
<sachschluesel3 xsi:type="xsd:string"></sachschluesel3>
<auftrag xsi:type="xsd:boolean">false</auftrag>
<stand xsi:type="xsd:string"></stand>
<sprache xsi:type="xsd:string">de</sprache>
</web:ExcelDownload>
</soapenv:Body>
</soapenv:Envelope>

Response
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
  <soapenv:Body>
    <ns1:ExcelDownloadResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <ExcelDownloadReturn href="cid:021DE6C9F213089DCB18FF14AE98FAB4" />
    </ns1:ExcelDownloadResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

„href“ points to the MS-Excel-file within the attachment of the SOAP-document.

3.3.6 KarteDownload

Explanation

Returns a map to a table according to options as SOAP-attachment.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	8 characters
<i>passwort</i>	The users password	6-8 characters
Selection		
<i>name</i>	Name of the table	1-10 characters
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>format</i>	file format	png (jpg → later!) (gif → later!)
<i>kartenTyp</i>	Type of map	0 - map 1 --> later!
<i>gitternetz</i>	Show outlines of next regional level?	true, false
<i>klassenanzahl</i>	Number of classes for the values. A class comprises a range of values which will be displayed in the same color.	2,3,4,5

<i>klasseneinteilung</i>	The value 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.	0,1
<i>monochrom</i>	Displaying of the map in black/white (monochrom=true) or in colors (monochrom=false)	true / false
<i>startjahr</i>	Data starting at this year will be delivered. This parameter cumulates with „zeitscheiben“.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>endjahr</i>	Data ending at this year will be delivered. This parameter cumulates with „zeitscheiben“.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>zeitscheiben</i>	Number of recent time slices that shall be delivered. This parameter cumulates with „zeitscheiben“.	positive integer
<i>regionalmerkmal</i>	„code“ of the regional variable to which the selection „regionalschlüssel“ is applied.	1-6 digits;
<i>regionalschlüssel</i>	Regional key as Amtlicher Gemeindeschlüssel (AGS), separated by „.“ to use these regions only..	1-8 characters; „*“-Notation.
<i>sachmerkmal</i>	„code“ of the subject variable, to which the selection „sachschlüssel“ is applied.	1-6 digits.
<i>sachschlüssel</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal“.	1-15 digits; „*“-Notation.
<i>sachmerkmal2</i>	„code“ of the second subject variable to which the selection „sachschlüssel2“ is applied.	1-6 digits.
<i>sachschlüssel2</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal2“.	1-15 digits; „*“-Notation.
<i>sachmerkmal3</i>	„code“ of the third subject variable to which the selection „sachschlüssel3“ is applied.	1-6 digits.
<i>sachschlüssel3</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal3“.	1-15 digits; „*“-Notation.
<i>auftrag</i>	Enqueue an asynchronous processing job if the map can not be produced immediately? You can retrieve the result by calling „ErgebnisKarteDownload“ after some minutes.	true / false
<i>stand</i>	The map will only be produced, if the data are newer than this date.	„dd.mm.yyyy hh:mm“ or „dd.mm.yyyy“ Example: „24.12.2001 19:15“
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/DownloadService_2010?method=KarteDownload&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=12411-0014&bereich=Alle&format=png&kartenTyp=0&gitternetz=false&klassenanzahl=5&klasseneinteilung=1&startjahr=1995&endjahr=2000&zeitscheiben=®ionalmerkmal=®ionalschlüssel=06*&sachmerkmal=&sachschlüssel=&sachmerkmal2=&sachschlüssel2=&sachmerkmal3=&sachschlüssel3=&auftrag=false&tand=&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:KarteDownload soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">12411-0002</name>
      <bereich xsi:type="xsd:string">Alle</bereich>
    </web:KarteDownload>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<format xsi:type="xsd:string">png</format>
<kartenTyp xsi:type="xsd:byte">0</kartenTyp>
<gitternetz xsi:type="xsd:boolean">false</gitternetz>
<klassenanzahl xsi:type="xsd:byte">4</klassenanzahl>
<klasseneinteilung xsi:type="xsd:byte">1</klasseneinteilung>
<startjahr xsi:type="xsd:string">1995</startjahr>
<endjahr xsi:type="xsd:string">2000</endjahr>
<zeitscheiben xsi:type="xsd:string"></zeitscheiben>
<regionalmerkmal xsi:type="xsd:string"></regionalmerkmal>
<regionalschlüssel xsi:type="xsd:string"></regionalschlüssel>
<sachmerkmal xsi:type="xsd:string"></sachmerkmal>
<sachschlüssel xsi:type="xsd:string"></sachschlüssel>
<sachmerkmal2 xsi:type="xsd:string"></sachmerkmal2>
<sachschlüssel2 xsi:type="xsd:string"></sachschlüssel2>
<sachmerkmal3 xsi:type="xsd:string"></sachmerkmal3>
<sachschlüssel3 xsi:type="xsd:string"></sachschlüssel3>
<auftrag xsi:type="xsd:boolean">false</auftrag>
<stand xsi:type="xsd:string"></stand>
<sprache xsi:type="xsd:string">de</sprache>
</web:KarteDownload>
</soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
  <soapenv:Body>
    <ns1:KarteDownloadResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <KarteDownloadReturn href="cid:E1362EDB69730CE3594BFDEED30DB3B1"/>
    </ns1:KarteDownloadResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

„href“ points to the map within the attachment of the SOAP-document.

3.3.7 TabellenDownload

Explanation

Returns a table according to options as SOAP-attachment.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	8 characters
<i>passwort</i>	The users password	6-8 characters
Selection		
<i>name</i>	Name of the table	1-10 characters
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>format</i>	file format	csv datencsv (default) gsb (->xml) html
<i>komprimieren</i>	Suppress empty rows and columns?	true false (default)
<i>transponieren</i>	Transpose table (i.e. swap rows and columns)?	true false (default)

<i>startjahr</i>	Data starting at this year will be used. This parameter cumulates with „zeitscheiben“.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>endjahr</i>	Data ending at this year will be used. This parameter cumulates with „zeitscheiben“.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>zeitscheiben</i>	Number of recent time slices that will be used. This parameter cumulates with „zeitscheiben“.	positive integer
<i>regionalmerkmal</i>	„code“ of the regional variable to which the selection „regionalschlüssel“ is applied.	1-6 digits;
<i>regionalschlüssel</i>	Regional key as Amtlicher Gemeindeschlüssel (AGS), separated by „.“ to use these regions only..	1-8 numbers; „*“-Notation.
<i>sachmerkmal</i>	„code“ of the subject variable, to which the selection „sachschlüssel“ is applied.	1-6 digits.
<i>sachschlüssel</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal“.	1-15 digits; „*“-Notation.
<i>sachmerkmal2</i>	„code“ of the second subject variable to which the selection „sachschlüssel2“ is applied.	1-6 digits.
<i>sachschlüssel2</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal2“.	1-15 digits; „*“-Notation.
<i>sachmerkmal3</i>	„code“ of the third subject variable to which the selection „sachschlüssel3“ is applied.	1-6 digits.
<i>sachschlüssel3</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal3“.	1-15 digits; „*“-Notation.
<i>auftrag</i>	Enqueue an asynchronous processing job if the table can not be produced immediately? You can retrieve the result by calling „ErgebnisDownload“ after some minutes.	true / false
<i>stand</i>	The table will only be produced, if the data are newer than this date.	„dd.mm.yyyy hh:mm“ or „dd.mm.yyyy“ Example: „24.12.2001 19:15“
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/DownloadService_2010?method=TabellenDownload&kennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD&name=12411-0002&bereich=Alle&format=csv&komprimieren=false&transponieren=false&startjahr=1995&endjahr=2000&zeitscheiben=®ionalmerkmal=®ionalschlüssel=&sachmerkmal=&sachschlüssel=&sachmerkmal2=&sachschlüssel2=&sachmerkmal3=&sachschlüssel3=&auftrag=false&stand=&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:TabellenDownload soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennenung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <name xsi:type="xsd:string">12411-0002</name>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <format xsi:type="xsd:string">csv</format>
      <komprimieren xsi:type="xsd:boolean">false</komprimieren>
      <transponieren xsi:type="xsd:boolean">false</transponieren>
      <startjahr xsi:type="xsd:string">1995</startjahr>
      <endjahr xsi:type="xsd:string">2000</endjahr>
      <zeitscheiben xsi:type="xsd:string"></zeitscheiben>
      <regionalmerkmal xsi:type="xsd:string"></regionalmerkmal>
      <regionalschlüssel xsi:type="xsd:string"></regionalschlüssel>
      <sachmerkmal xsi:type="xsd:string"></sachmerkmal>
    </web:TabellenDownload>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    <sachschluessel xsi:type="xsd:string"></sachschluessel>
    <sachmerkmal2 xsi:type="xsd:string"></sachmerkmal2>
    <sachschluessel2 xsi:type="xsd:string"></sachschluessel2>
    <sachmerkmal3 xsi:type="xsd:string"></sachmerkmal3>
    <sachschluessel3 xsi:type="xsd:string"></sachschluessel3>
    <auftrag xsi:type="xsd:boolean">false</auftrag>
    <stand xsi:type="xsd:string"></stand>
    <sprache xsi:type="xsd:string">de</sprache>
  </web:TabellenDownload>
</soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
  <soapenv:Body>
    <ns1:TabellenDownloadResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <TabellenDownloadReturn href="cid:2A2AB886A55BB2A85DD23E2306E7C31E"/>
    </ns1:TabellenDownloadResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

„href“ points to the file within the attachment of the SOAP-document.

3.3.8 ZeitreihenDownload

Explanation

Returns a time series according to options as SOAP-attachment.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	8 characters
<i>passwort</i>	The users password	6-8 characters
Selection		
<i>name</i>	Name of the data	1-10 characters
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>format</i>	file format	csv datencsv (default) gsb (->xml) html
<i>komprimieren</i>	Suppress empty rows and columns?	true false (default)
<i>transponieren</i>	Transpose table (i.e. swap rows and columns)?	true false (default)
<i>startjahr</i>	Data starting at this year will be used. This parameter collides with „zeitscheiben“. Priority is on „zeitscheiben“.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>endjahr</i>	Data ending at this year will be used. This parameter collides with „zeitscheiben“. Priority is on „zeitscheiben“.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“

<i>zeitscheiben</i>	Number of recent time slices that will be used. This parameter collides with „zeitscheiben“. Priority is on „zeitscheiben“.	<i>positive integer</i>
<i>inhalte</i>	Names of the contents	<i>any number of names, separated by „,“ and without blank. Any name has 1-6 digitss.</i>
<i>regionalmerkmal</i>	„code“ of the regional variable to which the selection „regionalschlüssel“ is applied.	<i>1-6 digits;</i>
<i>regionalschlüssel</i>	Regional key as Amtlicher Gemeindeschlüssel (AGS), separated by „,“ to use these regions only..	<i>1-8 numbers; „*“-Notation.</i>
<i>regionalschlüsselcode</i>	Additionally display of the codes for the attributes of „regionalmerkmal“.	<i>true / false</i>
<i>sachmerkmal</i>	„code“ of the subject variable, to which the selection „sachschlüssel“ is applied.	<i>1-6 digits.</i>
<i>sachschlüssel</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal“.	<i>1-15 digits; „*“-Notation.</i>
<i>sachschlüsselcode</i>	Additionally display of the codes for the attributes of „sachmerkmal“.	<i>true / false</i>
<i>sachmerkmal2</i>	„code“ of the second subject variable to which the selection „sachschlüssel2“ is applied.	<i>1-6 digits.</i>
<i>sachschlüssel2</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal2“.	<i>1-15 digits; „*“-Notation.</i>
<i>sachschlüsselcode2</i>	Additionally display of the codes for the attributes of „sachmerkmal2“.	<i>true / false</i>
<i>sachmerkmal3</i>	„code“ of the third subject variable to which the selection „sachschlüssel3“ is applied.	<i>1-6 digits.</i>
<i>sachschlüssel3</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal3“.	<i>1-15 digits; „*“-Notation.</i>
<i>sachschlüsselcode3</i>	Additionally display of the codes for the attributes of „sachmerkmal3“.	<i>true / false</i>
<i>auftrag</i>	Enqueue an asynchronous processing job if the table can not be produced immediately? You can retrieve the result by calling „ErgebnisDownload“ after some minutes.	<i>true / false</i>
<i>stand</i>	The time series will only be produced, if the data are newer than this date.	<i>„dd.mm.yyyy hh:mm“ or „dd.mm.yyyy“ Example: „24.12.2001 19:15“</i>
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	<i>de = german en = english</i>

Request (HTTP)

```
https://www-genesis.destatis.de/genesisWS/web/DownloadService_2010?method=ZeitreihenDownload&kennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD&name=21311BS003&bereich=Alle&format=csv&komprimieren=false&tr
ansponieren=false&startjahr=&endjahr=&zeitscheiben=&inhalte=&regionalmerkmal=&regionalschlüssel
=&regionalschlüsselcode=false&sachmerkmal=GES&sachschlüssel=GESW&sachschlüsselcode=false
&sachmerkmal2=NAT&sachschlüssel2=NATA&sachschlüsselcode2=false&sachmerkmal3=&sachschlüssel3
=&sachschlüsselcode3=false&auftrag=false&stand=&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:ZeitreihenDownload
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <name xsi:type="xsd:string">21311BS003</name>
      <bereich xsi:type="xsd:string">Alle</bereich>
```

```

    <format xsi:type="xsd:string">csv</format>
    <komprimieren xsi:type="xsd:boolean">false</komprimieren>
    <transponieren xsi:type="xsd:string">false</transponieren>
    <startjahr xsi:type="xsd:string"></startjahr>
    <endjahr xsi:type="xsd:string"></endjahr>
    <zeitscheiben xsi:type="xsd:string"></zeitscheiben>
    <inhalte xsi:type="xsd:string"></inhalte>
    <regionalmerkmal xsi:type="xsd:string"></regionalmerkmal>
    <regionalschlüssel xsi:type="xsd:string"></regionalschlüssel>
    <regionalschlüsselcode xsi:type="xsd:boolean">false</regionalschlüsselcode>
    <sachmerkmal xsi:type="xsd:string">GES</sachmerkmal>
    <sachschlüssel xsi:type="xsd:string">GESW</sachschlüssel>
    <sachschlüsselcode xsi:type="xsd:boolean">false</sachschlüsselcode>
    <sachmerkmal2 xsi:type="xsd:string">NAT</sachmerkmal2>
    <sachschlüssel2 xsi:type="xsd:string">NATA</sachschlüssel2>
    <sachschlüsselcode2 xsi:type="xsd:boolean">false</sachschlüsselcode2>
    <sachmerkmal3 xsi:type="xsd:string"></sachmerkmal3>
    <sachschlüssel3 xsi:type="xsd:string"></sachschlüssel3>
    <sachschlüsselcode3 xsi:type="xsd:boolean">false</sachschlüsselcode3>
    <auftrag xsi:type="xsd:boolean">false</auftrag>
    <stand xsi:type="xsd:string"></stand>
    <sprache xsi:type="xsd:string">de</sprache>
  </web:ZeitreihenDownload>
</soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
  <soapenv:Body>
    <ns1:ZeitreihenDownloadResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <ZeitreihenDownloadReturn href="cid:5AFD4C01D6010B42E81B6E3D0BAFDCCB"/>
    </ns1:ZeitreihenDownloadResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

„href“ points to the file within the attachment of the SOAP-document.

3.4 ExportService_2010

The ExportService contains the following methods:

- AuspraegungInformation Returns information about a classifying attribute
- DatenAufbau Returns the structure of a data-set.
- DatenExport: Returns a data-set
- ErgebnisExport: Returns a result.
- MerkmalInformation Returns information about a variable.
- ObjektExport: Returns an object.
- StatistikEigenschaften Returns the characteristics of a statistics.
- StatistikInformation Returns the information about a statistics
- TabelleAufbau Returns the structure of a table.
- TabellenExport: Returns a table
- ZeitreihenAufbau Returns the structure of a time series.
- ZeitreihenExport: Returns a time series

3.4.1 AuspraegungInformation

Explanation

Returns information about a attribute.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the attribute	1-20 digit.
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```
https://www-
genesis.destatis.de/genesisWS/web/ExportService_2010?method=AuspraegungInformation&name=
ARBEITSLOS09&bereich=Alle&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:AuspraegungInformation
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <name xsi:type="xsd:string">ARBEITSLOS09</name>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <sprache xsi:type="xsd:string">de</sprache>
```

```

    </web:AuspraegungInformation>
  </soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
  <soapenv:Body>
    <ns1:StatistikEigenschaftenResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <ns1:AuspraegungInformationResponse
        soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
        xmlns:ns1="http://webservice_2010.genesis">
          <AuspraegungInformationReturn>
            <code>ARBEITSLOS09</code>
            <informationen soapenc:arrayType="xsd:string[11]" xsi:type="soapenc:Array"
              xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
              Aussiedler
              Erläuterung für folgende Statistik(en):
              Arbeitsmarktstatistik der Bundesanstalt für Arbeit
              Begriffsinhalt:
              Arbeitslose Aussiedler sind germane Staatsangehörige bzw.
              germane Volkszugehörige, die nach Abschluss der allgemeinen
              Vertreibungsmaßnahmen die Aussiedlungsgebiete verlassen
              haben und sich bei den Arbeitsämtern arbeitslos gemeldet
              haben.
            </informationen>
            <inhalt>Aussiedler</inhalt>
            <objektTyp>Ausprägung</objektTyp>
            <returnInfo>
              <code>0</code>
              <inhalt>erfolgreich</inhalt>
              <typ>Information</typ>
            </returnInfo>
            <sprache>de</sprache>
          </AuspraegungInformationReturn>
        </ns1:AuspraegungInformationResponse>
      </ns1:StatistikEigenschaftenResponse>
    </soapenv:Body>
  </soapenv:Envelope>

```

3.4.2 DatenAufbau

Explanation

Returns the structure of a data-set.

Syntax

Parameter	Description	Range of values										
Account data												
kennung	User name	10 characters										
password	The users password	10-20 characters										
Selection												
name	Name of the data set	1-20 digit.										
bereich	<p>Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows:</p> <ul style="list-style-type: none">- Benutzer ↔ Meine- Öffentlich ↔ Katalog <p>Translation:</p> <table><tr><td>Meine/Benutzer</td><td>user</td></tr><tr><td>Gruppe</td><td>group</td></tr><tr><td>Amt</td><td>office</td></tr><tr><td>Katalog/Öffentlich</td><td>public</td></tr><tr><td>Alle</td><td>all</td></tr></table>	Meine/Benutzer	user	Gruppe	group	Amt	office	Katalog/Öffentlich	public	Alle	all	<p>internal users:</p> <p>Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle</p> <p>external users:</p> <p>Meine/Benutzer Katalog/Öffentlich</p>
Meine/Benutzer	user											
Gruppe	group											
Amt	office											
Katalog/Öffentlich	public											
Alle	all											

Options		
sprache	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/ExportService_2010?method=DatenAufbau&kennung=YOUR_USER_NAME
&password=YOUR_PASSWORD&namen=21311BS003&bereich=Alle&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:DatenAufbau soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <namen xsi:type="xsd:string">21311BS003</namen>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:DatenAufbau>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:DatenAufbauResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <DatenAufbauReturn>
        <aufbauInformation>
          <merkmale soapenc:arrayType="ns2:AufbauElement[3]" xsi:type="soapenc:Array"
xmlns:ns2="daten.webservice_2010.genesis"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
            <merkmale>
              <art>I</art>
              <auspraegungen/>
              <code>FLC006</code>
              <fachschluesselausgabe>false</fachschluesselausgabe>
              <inhalt>Gebietsfläche</inhalt>
              <masseinheit>qkm</masseinheit>
              <regelausgabe>false</regelausgabe>
              <typ>W</typ>
            </merkmale>
            <merkmale>
              <art>A</art>
              <auspraegungen/>
              <code>KREISE</code>
              <fachschluesselausgabe>false</fachschluesselausgabe>
              <inhalt>Kreise</inhalt>
              <masseinheit/>
              <regelausgabe>false</regelausgabe>
              <typ>RK</typ>
            </merkmale>
            <merkmale>
              <art>A</art>
              <auspraegungen/>
              <code>STAG</code>
              <fachschluesselausgabe>false</fachschluesselausgabe>
              <inhalt>Stichtag</inhalt>
              <masseinheit/>
              <regelausgabe>false</regelausgabe>
              <typ>ZI</typ>
            </merkmale>
          </merkmale>
          <name xsi:nil="true"/>
          <zeitposition>0</zeitposition>
          <zeitraum>31.12.1995-31.12.2005</zeitraum>
```

```

    <ziZeiten soapenc:arrayType="xsd:string[16]" xsi:type="soapenc:Array"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
    <ziZeiten>31.12.2006</ziZeiten>
    [...]
  </ziZeiten>
</aufbauInformation>
<name>11111KE001</name>
<returnInfo>
  <code>0</code>
  <inhalt>erfolgreich</inhalt>
  <typ>Information</typ>
</returnInfo>
<statistikBezeichnung>Gebietsstand</statistikBezeichnung>
<statistikName>11111</statistikName>
</DatenAufbauReturn>
</ns1:DatenAufbauResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.4.3 DatenExport

Explanation

Returns 0-n data sets according to the common options for all data sets. To use individual options for different data sets, send multiple (i.e. one per data set) requests instead.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>passwort</i>	The users password	10-20 characters
Selection		
<i>namen</i>	Names of the data sets	1-20 digit.
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>format</i>	file format	csv datencsv (later) xml (later)
<i>werte</i>	Shall values be exportet?	true (default) false
<i>metadaten</i>	Shall metadata be exportet?	true (default) false
<i>zusatz</i>	Shall corresponding metadata be exportet?	true false (default)
<i>startjahr</i>	Data starting at this year will be exported. This parameter and „zeitscheiben“ are mutually exclusive. If specified both, „zeitscheiben“ takes precedence.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>endjahr</i>	Data ending at this year will be exported. This parameter and „zeitscheiben“ are mutually exclusive. If specified both, „zeitscheiben“ takes precedence.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>zeitscheiben</i>	Number of recent time slices that shall be exported. This parameter takes precedence over both “startjahr” and “endjahr”.	positive integer
<i>inhalte</i>	Names of the contents	any number of names, separated by „,“ and without blank. Any name has 1-6 digitss.

<i>regionalmerkmal</i>	„code“ of the regional variable to which the selection „regionalschlüssel“ is applied.	1-6 digits;
<i>regionalschlüssel</i>	Regional key as Amtlicher Gemeindeschlüssel (AGS), separated by „.“ to use these regions only..	1-8 numbers; „*“-Notation
<i>sachmerkmal</i>	„code“ of the subject variable, to which the selection „sachschlüssel“ is applied.	1-6 digits;
<i>sachschlüssel</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal“.	1-15 digits; „*“-Notation
<i>sachmerkmal2</i>	„code“ of the second subject variable to which the selection „sachschlüssel2“ is applied.	1-6 digits.
<i>sachschlüssel2</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal2“.	1-15 digits; „*“-Notation.
<i>sachmerkmal3</i>	„code“ of the third subject variable to which the selection „sachschlüssel3“ is applied.	1-6 digits.
<i>sachschlüssel3</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal3“.	1-15 digits; „*“-Notation.
<i>stand</i>	The data will only be produced, if they are newer than this date.	„dd.mm.yyyy hh:mm“ or „dd.mm.yyyy“ Example: „24.12.2001 19:15“
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/ExportService_2010?method=DatenExport&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&namen=21311BS003&bereich=Alle&format=csv&werte=true&metadaten=false&zusatz=false&startjahr=&endjahr=&zeitscheiben=1&inhalte=®ionalmerkmal=®ionalschlüssel=&sachmerkmal=GES&sachschlüssel=GESW&sachmerkmal2=NAT&sachschlüssel2=NATA&sachmerkmal3=&sachschlüssel3=&stand=01.01.1900&sprache=de

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:DatenExport soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <namen xsi:type="xsd:string">21311BS003</namen>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <format xsi:type="xsd:string">csv</format>
      <werte xsi:type="xsd:boolean">true</werte>
      <metadaten xsi:type="xsd:boolean">false</metadaten>
      <zusatz xsi:type="xsd:boolean">false</zusatz>
      <startjahr xsi:type="xsd:string"></startjahr>
      <endjahr xsi:type="xsd:string"></endjahr>
      <zeitscheiben xsi:type="xsd:string"></zeitscheiben>
      <inhalte xsi:type="xsd:string"></inhalte>
      <regionalmerkmal xsi:type="xsd:string"></regionalmerkmal>
      <regionalschlüssel xsi:type="xsd:string"></regionalschlüssel>
      <sachmerkmal xsi:type="xsd:string"></sachmerkmal>
      <sachschlüssel xsi:type="xsd:string"></sachschlüssel>
      <sachmerkmal2 xsi:type="xsd:string"></sachmerkmal2>
      <sachschlüssel2 xsi:type="xsd:string"></sachschlüssel2>
      <sachmerkmal3 xsi:type="xsd:string"></sachmerkmal3>
      <sachschlüssel3 xsi:type="xsd:string"></sachschlüssel3>
      <stand xsi:type="xsd:string">01.01.1900 09:00</stand>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:DatenExport>
  </soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
  <soapenv:Body>
    <ns1:DatenExportResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <DatenExportReturn>
        <quader soapenc:arrayType="ns2:Quader[1]" xsi:type="soapenc:Array"
          xmlns:ns2="daten.methods.webservice.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <quader>
            <format>csv</format>
            <name>21311BS003</name>
            <quaderDaten>* Der Benutzer YOUR_USER_NAME der Benutzergruppe Destatis-Online
            hat am 25.06.2010 um 08:08:48 diesen Export angestossen.
            K;DQ;FACH-SCHL;GHH-ART;GHM-WERTE-JN;REGIOSTAT;EU-VBD;GENESIS-VBD;"nur Werte"
            D;21311BS003;;N;N;N;J
            K;DQ-ERH;FACH-SCHL
            D;21311
            K;DQA;NAME;RHF-BSR;RHF-ACHSE
            D;GES;4;4
            D;NAT;3;3
            D;BILHS1;2;2
            D;DINS;1;1
            K;DQZ;NAME;ZI-RHF-BSR;ZI-RHF-ACHSE
            D;SEMEST;5;5
            K;DQI;NAME;ME-NAME;DST;TYP;NKM-STELLEN
            D;BIL002;Anzahl;GANZ;FALL;0
            K;QEI;FACH-SCHL;FACH-SCHL;FACH-SCHL;FACH-SCHL;ZI-WERT;WERT;QUALITAET;GESPERRT;WERT-VERFAELSCHT
            D;GESM;NATA;HS0011;DG;WS 1998/99;988;e;;0
            D;GESM;NATA;HS0012;DG;WS 1998/99;64;e;;0
            D;GESM;NATA;HS0070;DG;WS 1998/99;936;e;;0
            [...]
            D;GESW;NATD;HS7960;DG;WS 2000/01;42;e;;0
            D;GESW;NATD;HS8104;DG;WS 2000/01;48;e;;0
            D;GESW;NATD;HS8103;DG;WS 2000/01;66;e;;0</quaderDaten>
          <returnInfo>
            <code>0</code>
            <inhalt/>
            <typ/>
          </returnInfo>
          <stand>06.09.2007 16:31:41</stand>
          <status>Aktualisierte Daten</status>
        </quader>
      </quader>
      <quaderSelection>
        <bereich>Alle</bereich>
        <namen>21311BS003</namen>
      </quaderSelection>
      <quaderOptions>
        <endjahr/>
        <format>csv</format>
        <inhalte/>
        <metadaten>false</metadaten>
        <regionalMerkmal/>
        <regionalSchluessel/>
        <sachMerkmal/>
        <sachMerkmal2/>
        <sachMerkmal3/>
        <sachSchluessel/>
        <sachSchluessel2/>
        <sachSchluessel3/>
        <sprache>de</sprache>
        <stand>01.01.1900 09:00</stand>
        <startjahr/>
        <werte>true</werte>
        <zeitscheiben>0</zeitscheiben>
        <zusatz>false</zusatz>
      </quaderOptions>
      <returnInfo>
        <code>0</code>
        <inhalt>erfolgreich</inhalt>

```

```

    <typ>Information</typ>
  </returnInfo>
</DatenExportReturn>
</ns1:DatenExportResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.4.4 ErgebnisExport

Explanation

Returns a result of a processing job.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>passwort</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the table	1-10 characters.
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>format</i>	file format	csv datencsv gsb html (sdmx-ml → later!) (TabML → later!) (xml → later!)
<i>komprimieren</i>	Suppress empty rows and columns?	true false (default)
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```

https://www-
genesis.destatis.de/genesisWS/web/ExportService_2010?method=ErgebnisExport&kennung=YOUR_USER_N
AME&passwort=YOUR_PASSWORD&name=12411-
0004&bereich=Alle&format=csv&komprimieren=false&sprache=de

```

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:TabellenExport soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <name xsi:type="xsd:string">12411-0004</name>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <format xsi:type="xsd:string">csv</format>
      <komprimieren xsi:type="xsd:boolean">false</komprimieren>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:TabellenExport>
  </soapenv:Body>
</soapenv:Envelope>

```


Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
  <soapenv:Body>
    <ns1:ErgebnisExportResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <ErgebnisExportReturn>
        <ergebnisSelection>
          <bereich>alle</bereich>
          <name>12411-0004</name>
        </ergebnisSelection>
        <ergebnisOptions>
          <format>csv</format>
          <komprimieren>>false</komprimieren>
        </ergebnisOptions>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <tabelle>
          <format/>
          <name>12411-0004</name>
          <returnInfo>
            <code>0</code>
            <inhalt>erfolgreich</inhalt>
            <typ>Information</typ>
          </returnInfo>
          <status>Aktualisierte Daten</status>
          <strukturInformation xsi:nil="true"/>
          <tabellenDaten>GENESIS-Tabelle: 12411-0004
Privathaushalte: Deutschland, Stichmonat;
Mikrozensus Grandprogramm;
Deutschland;
;Privathaushalte
;1000
05/1992;35700
04/1993;36231
04/1994;36695
04/1995;36938
04/1996;37281
04/1997;37457
04/1998;37532
Zusammen;257834

(C)copyright Statistisches Bundesamt, Wiesbaden 2010.
Reproduction and distribution, also of parts, are permitted
provided that the source is mentioned.
Stand: 16.07.2010 / 15:35:22</tabellenDaten>
        </tabelle>
      </ErgebnisExportReturn>
    </ns1:ErgebnisExportResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

3.4.5 MerkmalInformation

Explanation

Returns information about a variable.

Syntax

Parameter	Description	Range of values
Account data		
kennung	User name	10 characters
passwort	The users password	10-20 characters

Selection		
<i>name</i>	Name of the variable	1-6 digits.
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```
https://www-
genesis.destatis.de/genesisWS/web/ExportService_2010?method=MerkmalInformation&name=GES&bereich=Alle&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:MerkmalInformation
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
    <name xsi:type="xsd:string">GES</name>
    <bereich xsi:type="xsd:string">Alle</bereich>
    <sprache xsi:type="xsd:string">de</sprache>
    </web:MerkmalInformation>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:MerkmalInformationResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <MerkmalInformationReturn>
        <code>ABS005</code>
        <informationen soapenc:arrayType="xsd:string[78]" xsi:type="soapenc:Array"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          Absatz von Feinschnitt
```

Erläuterung für folgende Statistik(en):
 Steueraufkommen des Bundes und der Länder

Begriffsinhalt:

Feinschnitt gehört zu den verbrauchsbesteuerten Erzeugnissen
 and unterliegen der Tabaksteuer.

```
[...]
</informationen>
<inhalt>Absatz von Feinschnitt</inhalt>
<objektTyp>Merkmal</objektTyp>
<sprache>de</sprache>
</MerkmalInformationReturn>
</ns1:MerkmalInformationResponse>
</soapenv:Body>
</soapenv:Envelope>
```

3.4.6 ObjektExport

Explanation

Returns an object.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>typ</i>	Type of the objects to export. Translation: <i>Abruftabelle</i> Table <i>Datenquader</i> data set <i>Maßeinheit</i> measure unit <i>Merkmal</i> variable <i>Merkmalsausprägung</i> attribute of variable <i>Merkmalsausprägungszuordnung</i> relation between variable and attribute <i>Regel</i> rule <i>Statistik</i> statistics <i>Statistikmerkmal</i> variable of statistics	<i>Abruftabelle</i> <i>Datenquader</i> <i>Maßeinheit</i> <i>Merkmal</i> <i>Merkmalsausprägung</i> <i>Merkmalsausprägungszuordnung</i> <i>Regel</i> <i>Statistik</i> <i>Statistikmerkmal</i> (Results and keywords are not supported yet)
<i>namen</i>	Names of the objects	any number of names, separated by „," and without blank. Any name has 1-10 characters.
Options		
<i>format</i>	file format	csv
<i>umfang</i>	Shall only must-elements be exported?	muss (default) alle
<i>zusatz</i>	Shall additional metadata be exportet?	true false (default)
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```
https://www-genesis.destatis.de/genesisWS/web/ExportService_2010?method=ObjektExport&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&typ=Maßeinheit&namen=1000&format=csv&umfang=muss&zusatz=false&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:ObjektExport soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <typ xsi:type="xsd:string">Maßeinheit</typ>
      <namen xsi:type="xsd:string">1000</namen>
      <format xsi:type="xsd:string">csv</format>
      <umfang xsi:type="xsd:string">muss</umfang>
      <zusatz xsi:type="xsd:boolean">>true</zusatz>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:ObjektExport>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:ObjektExportResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice.genesis">
      <ObjektExportReturn>
        <objektSelection>
          <namen>1000</namen>
          <typ>Maßeinheit</typ>
        </objektSelection>
        <objektOptions>
          <format>csv</format>
          <sprache>de</sprache>
          <umfang>muss</umfang>
          <zusatz>>true</zusatz>
        </objektOptions>
        <objekte soapenc:arrayType="ns2:Objekt[1]" xsi:type="soapenc:Array"
xmlns:ns2="daten.methods.webservice.genesis"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <objekte>
            <name>1000</name>
            <objektDaten>* Der Benutzer YOUR_USER_NAME der Benutzergruppe Destatis-Online
hat am 25.06.2010 um 08:15:17 diesen Export angestossen.
K;ME;ME-NAME;KTX;TYP;GRUND-ME;UMR-ME
D;1000;Tausend;Anzahl;Anzahl;Anzahl</objektDaten>
            <returnInfo>
              <code>0</code>
              <inhalt>erfolgreich</inhalt>
              <typ>Information</typ>
            </returnInfo>
          </objekte>
        </objekte>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
      </ObjektExportReturn>
    </ns1:ObjektExportResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

3.4.7 StatistikEigenschaften

Explanation

Returns the properties of a statistics.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the statistics	one EVAS-Nr, 1-6 digits.
Options		
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```
https://www-
genesis.destatis.de/genesisWS/web/ExportService_2010?method=StatistikEigenschaften&kennung=YOU
R_USER_NAME&password=YOUR_PASSWORD&name=12411&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:StatistikEigenschaften
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <name xsi:type="xsd:string">12411</name>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:StatistikEigenschaften>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:StatistikEigenschaftenResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <StatistikEigenschaftenReturn>
        <EVAS_1_Kurztext>Gebiet, Bevölkerung, Erwerbstätigkeit, Wahlen</EVAS_1_Kurztext>
        <EVAS_1_Schluessel>1</EVAS_1_Schluessel>
        <EVAS_2_Kurztext>Bevölkerung</EVAS_2_Kurztext>
        <EVAS_2_Schluessel>12</EVAS_2_Schluessel>
        <EVAS_3_Kurztext>Bevölkerungsstand, -vorausberechnung</EVAS_3_Kurztext>
        <EVAS_3_Schluessel>124</EVAS_3_Schluessel>
        <erste_Durchfuehrung>01.01.1950</erste_Durchfuehrung>
        <kurztext>Fortschreibung des Bevölkerungsstandes</kurztext>
        <letzte_Durchfuehrung/>
        <name>12411</name>
        <periodizitaet>Monatlich</periodizitaet>
        <returnInfo xsi:nil="true"/>
      </StatistikEigenschaftenReturn>
    </ns1:StatistikEigenschaftenResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

3.4.8 StatistikInformation

Explanation

Returns information about a statistics.

Syntax

Syntax												
Parameter	Description	Range of values										
Account data												
kennung	User name	10 characters										
passwort	The users password	10-20 characters										
Selection												
name	Name of the statistics	one EVAS-Nr, 1-6 digits.										
bereich	<p>Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows:</p> <ul style="list-style-type: none">- Benutzer ↔ Meine- Öffentlich ↔ Katalog <p>Translation:</p> <table><tr><td>Meine/Benutzer</td><td>user</td></tr><tr><td>Gruppe</td><td>group</td></tr><tr><td>Amt</td><td>office</td></tr><tr><td>Katalog/Öffentlich</td><td>public</td></tr><tr><td>Alle</td><td>all</td></tr></table>	Meine/Benutzer	user	Gruppe	group	Amt	office	Katalog/Öffentlich	public	Alle	all	<p>internal users:</p> <ul style="list-style-type: none">Meine/BenutzerGruppeAmtKatalog/ÖffentlichAlle <p>external users:</p> <ul style="list-style-type: none">Meine/BenutzerKatalog/Öffentlich
Meine/Benutzer	user											
Gruppe	group											
Amt	office											
Katalog/Öffentlich	public											
Alle	all											

Options		
sprache	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/ExportService_2010?method=StatistikInformation&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=12411&bereich=Alle&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:StatistikInformation
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">12411</name>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:StatistikInformation>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:StatistikInformationResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <StatistikInformationReturn>
        <code>12411</code>
        <inhalt>Fortschreibung des Bevölkerungsstandes</inhalt>
        <objektTyp>Statistik</objektTyp>
        <sprache>de</sprache>
        <information soapenc:arrayType="xsd:string[29]" xsi:type="soapenc:Array"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          Die monatliche Fortschreibung des Bevölkerungsstandes wird,
          ausgehend von den Ergebnissen der jeweils letzten
          Volkszählung, aufgrund der Meldungen der Standesämter zu
          Geburten, Eheschließungen und Sterbefällen, der von den
          Einwohnermeldeämtern gemeldeten Angaben über Zu- and
          [...]
        </information>
      </StatistikInformationReturn>
    </ns1:StatistikInformationResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

3.4.9 TabelleAufbau

Explanation

Returns the structure of a table.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>passwort</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the table	1-10 characters.
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/ExportService_2010?method=TabelleAufbau&kennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD&name=12411-0004&bereich=Alle&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:ErgebnisExport soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <name xsi:type="xsd:string">12411-0001</name>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:ErgebnisExport>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:ErgebnisExportResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
        <soapenv:Body>
          <ns1:TabelleAufbauResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
            <TabelleAufbauReturn>
              <kostenpflichtig>false</kostenpflichtig>
              <name>12411-0001</name>
              <quaderErlaeuterung>false</quaderErlaeuterung>
            </TabelleAufbauReturn>
          </ns1:TabelleAufbauResponse>
        </soapenv:Body>
      </soapenv:Envelope>
    </ns1:ErgebnisExportResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<returnInfo>
  <code>0</code>
  <inhalt>erfolgreich</inhalt>
  <typ>Information</typ>
</returnInfo>
<strukturInformation>
  <abrufDatum/>
  <abrufTabelle>12411-0001</abrufTabelle>
  <abrufZeit/>
  <anzahlWerte/>
  <anzahlWertFelder/>
  <ident/>
  <kopfZeile soapenc:arrayType="ns2:StrukturElement[1]" xsi:type="soapenc:Array"
xmlns:ns2="daten.methods.webservice.genesis"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
    <kopfZeile>
      <auspraegungen/>
      <fb_art></fb_art>
      <fb_vr_ausg_art></fb_vr_ausg_art>
      <insgesamt>>false</insgesamt>
      <name>BEVSTD</name>
      <nummer>3</nummer>
      <regel>>false</regel>
      <strukturElemente xsi:nil="true"/>
      <titel>Bevölkerungsstand</titel>
      <top>0</top>
      <typ>W</typ>
      <wertausgabe>>false</wertausgabe>
      <zusammen>>false</zusammen>
    </kopfZeile>
  </kopfZeile>
  <name>12411-0001</name>
  <tabellenKopf soapenc:arrayType="ns3:StrukturElement[1]" xsi:type="soapenc:Array"
xmlns:ns3="daten.methods.webservice.genesis"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
    <tabellenKopf>
      <auspraegungen/>
      <fb_art></fb_art>
      <fb_vr_ausg_art></fb_vr_ausg_art>
      <insgesamt>>false</insgesamt>
      <name>12411</name>
      <nummer>1</nummer>
      <regel>>false</regel>
      <strukturElemente soapenc:arrayType="ns3:StrukturElement[1]"
xsi:type="soapenc:Array">
        <strukturElemente>
          <auspraegungen>1</auspraegungen>
          <fb_art></fb_art>
          <fb_vr_ausg_art></fb_vr_ausg_art>
          <insgesamt>>false</insgesamt>
          <name>DINS</name>
          <nummer>2</nummer>
          <regel>>false</regel>
          <strukturElemente xsi:nil="true"/>
          <titel>Deutschland insgesamt</titel>
          <top>1</top>
          <typ>RKG</typ>
          <wertausgabe>>false</wertausgabe>
          <zusammen>>false</zusammen>
        </strukturElemente>
      </strukturElemente>
      <titel>Fortschreibung des Bevölkerungsstandes</titel>
      <top>0</top>
      <typ>E</typ>
      <wertausgabe>>false</wertausgabe>
      <zusammen>>false</zusammen>
    </tabellenKopf>
  </tabellenKopf>
  <tabellenLayout>
    <kopfspaltenAnzahl/>
    <tabellenkopfZeilenAnzahl/>
    <vorspaltenAnzahl/>
    <zeilenueberschriftenAnzahl>1</zeilenueberschriftenAnzahl>
  </tabellenLayout>

```

```

    <unterTitel xsi:nil="true"/>
    <vorSpalte soapenc:arrayType="ns4:StrukturElement[1]" xsi:type="soapenc:Array"
xmlns:ns4="daten.methods.webservice.genesis"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
    <vorSpalte>
    <auspraegungen/>
    <fb_art></fb_art>
    <fb_vr_ausg_art></fb_vr_ausg_art>
    <insgesamt>false</insgesamt>
    <name>STAG</name>
    <nummer>4</nummer>
    <regel>false</regel>
    <strukturElemente xsi:nil="true"/>
    <titel>Stichtag</titel>
    <top>0</top>
    <typ>ZI</typ>
    <wertausgabe>false</wertausgabe>
    <zusammen>false</zusammen>
    </vorSpalte>
  </vorSpalte>
  <zeitraum>31.12.1970-31.12.2006</zeitraum>
  <zwischenTitel xsi:nil="true"/>
</strukturInformation>
<transponierbar>true</transponierbar>
<typ>Standardtabelle</typ>
<ueberschrift>Bevölkerung: Deutschland, Stichtag</ueberschrift>
</TabelleAufbauReturn>
</ns1:TabelleAufbauResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.4.10 TabellenExport

Explanation

Returns 0-n tables according to the common options for all tables. To use individual options for different tables, send multiple (i.e. one per table) requests instead.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>namen</i>	Names of the tables	any number of names, separated by ",", and without blank. Any name has 1-10 characters.
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>format</i>	data format	csv datencsv gsb html (sdmx-ml → later!) (TabML → later!) (xml → later!)
<i>strukturinformation</i>	Switch to enable the delivery of structure information.	true false (default)

<i>komprimieren</i>	Suppress empty rows and columns?	true false (default)
<i>transponieren</i>	Transpose table (i.e. swap rows and columns)?	true false (default)
<i>startjahr</i>	Data starting at this year will be used. This parameter cumulates with „zeitscheiben“.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>endjahr</i>	Data ending at this year will be used. This parameter cumulates with „zeitscheiben“.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>zeitscheiben</i>	Number of recent time slices that will be used. This parameter cumulates with „zeitscheiben“.	positive integer
<i>regionalmerkmal</i>	„code“ of the regional variable to which the selection „regionalschlüssel“ is applied.	1-6 digits;
<i>regionalschlüssel</i>	Regional key as Amtlicher Gemeindeschlüssel (AGS), separated by „.“ to use these regions only..	1-8 numbers; „*“-Notation.
<i>sachmerkmal</i>	„code“ of the subject variable, to which the selection „sachschlüssel“ is applied.	1-6 digits.
<i>sachschlüssel</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal“.	1-15 digits; „*“-Notation.
<i>sachmerkmal2</i>	„code“ of the second subject variable to which the selection „sachschlüssel2“ is applied.	1-6 digits.
<i>sachschlüssel2</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal2“.	1-15 digits; „*“-Notation.
<i>sachmerkmal3</i>	„code“ of the third subject variable to which the selection „sachschlüssel3“ is applied.	1-6 digits.
<i>sachschlüssel3</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal3“.	1-15 digits; „*“-Notation.
<i>stand</i>	The table will only be produced, if the data are newer than this date.	„dd.mm.yyyy hh:mm“ or „dd.mm.yyyy“ Example: „24.12.2001 19:15“
<i>auftrag</i>	Enqueue an asynchronous processing job if the table can not be produced immediately? You can retrieve the result by calling „ErgebnisDownload“ after some minutes.	true false (default)
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```
https://www-
genesis.destatis.de/genesisWS/web/ExportService_2010?method=TabellenExport&kennung=YOUR_USER_N
AME&passwort=YOUR_PASSWORD&namen=12411-
0004&bereich=Alle&format=csv&strukturinformation=false&komprimieren=false&transponieren=false&
startjahr=&endjahr=&zeitscheiben=&regionalmerkmal=&regionalschlüssel=&sachmerkmal=FAMSTD&sach
schlüssel=VERH&sachmerkmal2=&sachschlüssel2=&sachmerkmal3=&sachschlüssel3=&stand=&auftrag=f
alse&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:TabellenExport soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <namen xsi:type="xsd:string">12411-0004</namen>
      <bereich xsi:type="xsd:string">alle</bereich>
      <format xsi:type="xsd:string">csv</format>
      <strukturinformation xsi:type="xsd:boolean">false</strukturinformation>
      <komprimieren xsi:type="xsd:boolean">false</komprimieren>
      <transponieren xsi:type="xsd:boolean">false</transponieren>
    </web:TabellenExport>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<startjahr xsi:type="xsd:string"></startjahr>
<endjahr xsi:type="xsd:string"></endjahr>
<zeitscheiben xsi:type="xsd:string"></zeitscheiben>
<regionalmerkmal xsi:type="xsd:string"></regionalmerkmal>
<regionalschlüssel xsi:type="xsd:string"></regionalschlüssel>
<sachmerkmal xsi:type="xsd:string">FAMSTD</sachmerkmal>
<sachschlüssel xsi:type="xsd:string">VERH</sachschlüssel>
<sachmerkmal2 xsi:type="xsd:string"></sachmerkmal2>
<sachschlüssel2 xsi:type="xsd:string"></sachschlüssel2>
<sachmerkmal3 xsi:type="xsd:string"></sachmerkmal3>
<sachschlüssel3 xsi:type="xsd:string"></sachschlüssel3>
<stand xsi:type="xsd:string"></stand>
<auftrag xsi:type="xsd:boolean">false</auftrag>
<sprache xsi:type="xsd:string">de</sprache>
</web:TabellenExport>
</soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
  <soapenv:Body>
    <ns1:TabellenExportResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <TabellenExportReturn>
        <returnInfo>
          <code>19</code>
          <inhalt>Bei mindestens einem Objekt sind Fehler or Warnungen aufgetreten.</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <tabellen soapenc:arrayType="ns2:Tabelle[1]" xsi:type="soapenc:Array"
          xmlns:ns2="daten.methods.webservice.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <tabellen>
            <format/>
            <name>12411-0004</name>
            <returnInfo>
              <code>0</code>
              <inhalt>erfolgreich</inhalt>
              <typ>Information</typ>
            </returnInfo>
            <status>Aktualisierte Daten</status>
            <strukturInformation xsi:nil="true"/>
            <tabellenDaten>GENESIS-Tabelle: Temporär
            Bevölkerung: Deutschland, Stichtag, Familienstand;;;;
            Fortschreibung des Bevölkerungsstandes;;;;
            Deutschland;;;;
            Bevölkerungsstand (Anzahl);;;;
            ;Familienstand;
            ;verheiratet;Insgesamt
            31.12.1991;39011038;80274564
            31.12.1992;39241802;80974632
            31.12.1993;39258168;81338093
            31.12.1994;39221183;81538603
            31.12.1995;39173060;81817499
            31.12.1996;38103251;82012162
            31.12.1997;37813423;82057379
            31.12.1998;38592438;82037011
            31.12.1999;38455051;82163475

```

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 provided that the source is mentioned.
 Stand: 25.06.2010 / 08:45:43</tabellenDaten>

```

</tabellen>
</tabellen>
<tabellenSelection>
  <bereich>Alle</bereich>
  <namen>12411-0004</namen>
</tabellenSelection>
<tabellenOptions>
  <auftrag>false</auftrag>

```

```

    <endjahr/>
    <format>datencsv</format>
    <komprimieren>false</komprimieren>
    <regionalMerkmal/>
    <regionalSchluessel/>
    <sachMerkmal>FAMSTD</sachMerkmal>
    <sachMerkmal2/>
    <sachMerkmal3/>
    <sachSchluessel>VERH</sachschluessel>
    <sachSchluessel2/>
    <sachSchluessel3/>
    <sprache>de</sprache>
    <stand/>
    <startjahr/>
    <strukturinformation>false</strukturinformation>
    <transponieren>false</transponieren>
    <zeitscheiben>0</zeitscheiben>
  </tabellenOptions>
</TabellenExportReturn>
</ns1:TabellenExportResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.4.11 ZeitreiheAufbau

Explanation

Returns the structure of a time series.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the time series	1-10 characters.
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/ExportService_2010?method=ZeitreiheAufbau&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=11111KE001&bereich=Alle&sprache=de

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:ZeitreiheAufbau soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">11111KE001</name>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:ZeitreiheAufbau>
  </soapenv:Body>
</soapenv:Envelope>

```

```

    </web:ZeitreiheAufbau>
  </soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
  <soapenv:Body>
    <ns1:ZeitreiheAufbauResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <ZeitreiheAufbauReturn>
        <aufbauInformation>
          <name>11111KE001</name>
          <zeitposition>0</zeitposition>
          <zeitraum>31.12.1995-31.12.2005</zeitraum>
          <merkmale soapenc:arrayType="ns2:AufbauElement[4]" xsi:type="soapenc:Array"
            xmlns:ns2="daten.webservice_2010.genesis"
            xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
            <merkmale xsi:nil="true"/>
            <merkmale>
              <art>I</art>
              <auspraegungen/>
              <code>FLC006</code>
              <fachschluesselausgabe>false</fachschluesselausgabe>
              <inhalt>Gebietsfläche</inhalt>
              <masseinheit>qkm</masseinheit>
              <regelausgabe>false</regelausgabe>
              <typ>W</typ>
            </merkmale>
            <merkmale>
              <art>A</art>
              <auspraegungen>482</auspraegungen>
              <code>KREISE</code>
              <fachschluesselausgabe>false</fachschluesselausgabe>
              <inhalt>Kreise</inhalt>
              <masseinheit/>
              <regelausgabe>false</regelausgabe>
              <typ>RK</typ>
            </merkmale>
            <merkmale>
              <art>A</art>
              <auspraegungen/>
              <code>STAG</code>
              <fachschluesselausgabe>false</fachschluesselausgabe>
              <inhalt>Stichtag</inhalt>
              <masseinheit/>
              <regelausgabe>false</regelausgabe>
              <typ>ZI</typ>
            </merkmale>
          </merkmale>
        </aufbauInformation>
        <name>11111KE001</name>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <statistikBezeichnung>Gebietsstand</statistikBezeichnung>
        <statistikName>11111</statistikName>
        <ueberschrift>Gebietsstand, Gebietsfläche, Kreise, Stichtag ...</ueberschrift>
      </ZeitreiheAufbauReturn>
    </ns1:ZeitreiheAufbauResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

3.4.12 ZeitreihenExport

Explanation

Returns 0-n time series according to the common options for all time series. To use individual options for different time series, send multiple (i.e. one per time series) requests instead.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>passwort</i>	The users password	10-20 characters
Selection		
<i>namen</i>	Names of the time series	any number of names, separated by „," and without blank. Any name has 1-10 characters.
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>format</i>	file format	csv datencsv gsb html (sdmx-ml → later!) (TabML → later!) (xml → later!)
<i>strukturinformation</i>	Switch to enable the delivery of structure information.	true false (default)
<i>komprimieren</i>	Suppress empty rows and columns?	true false (default)
<i>transponieren</i>	Transpose table (i.e. swap rows and columns)?	true false (default)
<i>startjahr</i>	Data starting at this year will be exported. This parameter and „zeitscheiben“ are mutually exclusive. If specified both, „zeitscheiben“ takes precedence.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>endjahr</i>	Data ending at this year will be exported. This parameter and „zeitscheiben“ are mutually exclusive. If specified both, „zeitscheiben“ takes precedence.	4-digit (yyyy) or 4+2-digit (yyyy/yy); values between „1900“ and „2100“
<i>zeitscheiben</i>	Number of recent time slices that shall be exported. This parameter takes precedence over both “startjahr” and “endjahr”.	positive integer
<i>inhalte</i>	Names of the contents	any number of names, separated by „," and without blank. Any name has 1-6 digitss.
<i>regionalmerkmal</i>	„code“ of the regional variable, on which the selection „regionalschlüssel“ shall be done.	1-6 digits;
<i>regionalschlüssel</i>	Regional key as Amtlicher Gemeindeschlüssel (AGS), separated by „," to use these regions only..	1-8 numbers; „*“-Notation.

<i>regionalschlueselcode</i>	Enables the additional displaying of the code of the attributes of „regionalmerkmal“.	true / false
<i>sachmerkmal</i>	„code“ of the subject variable, to which the selection „sachschluesel“ is applied.	1-6 digits.
<i>sachschluesel</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal“.	1-15 digits; „*“-Notation.
<i>sachschlueselcode</i>	Enables the additional displaying of the code of the attributes of „sachmerkmal“.	true / false
<i>sachmerkmal2</i>	„code“ of the second subject variable to which the selection „sachschluesel2“ is applied.	1-6 digits.
<i>sachschluesel2</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal2“.	1-15 digits; „*“-Notation.
<i>sachschlueselcode2</i>	Enables the additional displaying of the code of the attributes of „sachmerkmal2“.	true / false
<i>sachmerkmal3</i>	„code“ of the third subject variable to which the selection „sachschluesel3“ is applied.	1-6 digits.
<i>sachschluesel3</i>	Attributes of a subject variable (z.B. WZ93012). Selection for „sachmerkmal3“.	1-15 digits; „*“-Notation.
<i>sachschlueselcode3</i>	Enables the additional displaying of the code of the attributes of „sachmerkmal3“.	true / false
<i>stand</i>	The time series will only be produced, if the data are newer than this date.	„dd.mm.yyyy hh:mm“ or „dd.mm.yyyy“ Example: „24.12.2001 19:15“
<i>auftrag</i>	Enqueue an asynchronous processing job if the table can not be produced immediately? You can retrieve the result by calling „ErgebnisDownload“ after some minutes.	true false (default)
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/ExportService_2010?method=ZeitreihenExport&kennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD&namen=21311BS003&bereich=Alle&format=csv&strukturinformation=false&komprimieren=false&transponieren=false&startjahr=&endjahr=&zeitscheiben=1&inhalte=®ionalmerkmal=®ionalschluesel=®ionalschlueselcode=false&sachmerkmal=GES&sachschluesel=GESW&sachschlueselcode=true&sachmerkmal2=NAT&sachschluesel2=NATA&sachschlueselcode2=false&sachmerkmal3=&sachschluesel3=&sachschlueselcode3=false&stand=&auftrag=false&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:ZeitreihenExport soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <namen xsi:type="xsd:string">21311BS003</namen>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <format xsi:type="xsd:string">csv</format>
      <strukturinformation xsi:type="xsd:boolean">false</strukturinformation>
      <komprimieren xsi:type="xsd:boolean">false</komprimieren>
      <transponieren xsi:type="xsd:string">false</transponieren>
      <startjahr xsi:type="xsd:string"></startjahr>
      <endjahr xsi:type="xsd:string"></endjahr>
      <zeitscheiben xsi:type="xsd:string">1</zeitscheiben>
      <inhalte xsi:type="xsd:string"></inhalte>
      <regionalmerkmal xsi:type="xsd:string"></regionalmerkmal>
      <regionalschluesel xsi:type="xsd:string"></regionalschluesel>
      <regionalschlueselcode xsi:type="xsd:boolean">false</regionalschlueselcode>
      <sachmerkmal xsi:type="xsd:string">GES</sachmerkmal>
      <sachschluesel xsi:type="xsd:string">GESW</sachschluesel>
      <sachschlueselcode xsi:type="xsd:boolean">true</sachschlueselcode>
    </web:ZeitreihenExport>
  </soapenv:Body>
</soapenv:Envelope>
```



```

    <sachmerkmal2 xsi:type="xsd:string">NAT</sachmerkmal2>
    <sachschluessel2 xsi:type="xsd:string">NATA</sachschluessel2>
    <sachschluesselcode2 xsi:type="xsd:boolean">>false</sachschluesselcode2>
    <sachmerkmal3 xsi:type="xsd:string"></sachmerkmal3>
    <sachschluessel3 xsi:type="xsd:string"></sachschluessel3>
    <sachschluesselcode3 xsi:type="xsd:boolean">>false</sachschluesselcode3>
    <stand xsi:type="xsd:string"></stand>
    <auftrag xsi:type="xsd:boolean">>false</auftrag>
    <sprache xsi:type="xsd:string">de</sprache>
  </web:ZeitreihenExport>
</soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
  <soapenv:Body>
    <ns1:ZeitreihenExportResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <ZeitreihenExportReturn>
        <returnInfo>
          <code>19</code>
          <inhalt>Bei mindestens einem Objekt sind Fehler or Warnungen aufgetreten.</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <zeitreihen soapenc:arrayType="ns2:Zeitreihe[1]" xsi:type="soapenc:Array"
          xmlns:ns2="daten.webservice_2010.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <zeitreihen>
            <format/>
            <name>21311BS003</name>
            <returnInfo>
              <code>21</code>
              <inhalt>Mindestens ein Parameter enthält ungültige Werte. Er wurde angepasst,
um den Service starten zu können.: zeitPosition</inhalt>
              <typ>Warnung</typ>
            </returnInfo>
            <status>Aktualisierte Daten</status>
            <strukturInformation xsi:nil="true"/>
            <zeitreihenDaten>GENESIS-Tabelle: Temporär
Statistik der Studenten;;;;;
Zeitreihen aus 21311BS003;;;;;
Statistik der Studenten;;;;;
;;;;;Stichsemester
;;;;;WS 2000/01
Deutschland;Ausländer;weiblich;U Freiburg i.Br.;Studierende;Anzahl;1586
;;;U Heidelberg;Studierende;Anzahl;2220
;;;U Hohenheim;Studierende;Anzahl;305
;;;U Karlsruhe;Studierende;Anzahl;736
[... ]
;;;FH Hof in Hof;Studierende;Anzahl;42
;;;FH Coburg;Studierende;Anzahl;46
;;;Evang. FH Reutlingen-Ludwigsburg in Reutlingen;Studierende;Anzahl;6

```

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 provided that the source is mentioned.

```

Stand: 25.06.2010 / 12:06:51</zeitreihenDaten>
  </zeitreihen>
</zeitreihen>
<zeitreihenSelection>
  <bereich>Alle</bereich>
  <namen>21311BS003</namen>
</zeitreihenSelection>
<zeitreihenOptions>
  <auftrag>>false</auftrag>
  <endjahr/>
  <format>csv</format>
  <inhalte/>
  <regionalMerkmal/>
  <regionalSchluessel/>
  <sachMerkmal>GES</sachMerkmal>

```

```

    <sachMerkmal2>NAT</sachMerkmal2>
    <sachMerkmal3/>
    <sachSchluessel>GESW</sachSchluessel>
    <sachSchluessel2>NATA</sachSchluessel2>
    <sachSchluessel3/>
    <regionalSchluesselcode>false</regionalSchluesselcode>
    <sachSchluesselcode>true</sachSchluesselcode>
    <sachSchluesselcode2>false</sachSchluesselcode2>
    <sachSchluesselcode3>false</sachSchluesselcode3>
    <sprache>de</sprache>
    <stand/>
    <startjahr/>
    <zeitPosition>K</zeitPosition>
    <zeitscheiben>1</zeitscheiben>
  </zeitreihenOptions>
</ZeitreihenExportReturn>
</ns1:ZeitreihenExportResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.5 Nutzerservice

The NutzerService contains the following methods:

- PasswortAendern: Changes the user's password.

3.5.1 PasswortAendern

Explanation

Performs a login with a change of the password and an immediate logoff. 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.

Syntax

Parameter	Beschreibung	Wertebereich
Account data		
kennung	User name	8 characters
altespasswort	The users actual password	10-20 characters
neuespasswort	The users new password	10-20 characters
wiederholungneuespasswort	Repetition of the users new password	10-20 characters

Syntax / Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/NutzerService?method=PasswortAendern&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&neuespasswort=YOUR_NEW_PASSWORD&wiederholungneuespasswort=YOUR_NEW_PASSWORD

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:NutzerService soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <neuespasswort xsi:type="xsd:string">YOUR_NEW_PASSWORD</neuespasswort>
      <wiederholungneuespasswort
        xsi:type="xsd:string">YOUR_NEW_PASSWORD</wiederholungneuespasswort>
    </web:NutzerService>
  </soapenv:Body>
</soapenv:Envelope>

```


Response

```
<soapenv:Envelope>  
  <soapenv:Body>  
    <PasswortAendernResponse  
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">  
      <PasswortAendernReturn>Ihr Passwort wurden erfolgreich  
geändert.</PasswortAendernReturn>  
    </PasswortAendernResponse>  
  </soapenv:Body>  
</soapenv:Envelope>
```

3.6 RechercheService_2010

The RechercheService contains the following methods:

- Recherche: Returns results to a keyword
- AuftrageKatalog: Returns list of processing jobs
- BegriffeKatalog: Returns list of keywords
- DatenKatalog: Returns list of data sets
- ErgebnisKatalog: Returns list of results
- MerkmalsKatalog: Returns list of variables
- MerkmalsAusprägungsKatalog: Returns list of attributes of a variable
- MerkmalDatenKatalog: Returns list of data sets to a variable
- MerkmalStatistikenKatalog: Returns list of statistics to a variable
- MerkmalTabellenKatalog: Returns list of tables to a variable
- MerkmalZeitreihenKatalog: Returns list of time series to a variable
- NeueDatenKatalog: Returns list of information about new data
- StatistikKatalog: Returns list of statistics
- StatistikDatenKatalog: Returns list of data sets to a statistics
- StatistikMerkmaleKatalog: Returns list of variables to a statistics
- StatistikTabellenKatalog: Returns list of tables to a statistics
- StatistikZeitreihenKatalog: Returns list of time series to a statistics
- TabellenKatalog: Returns list of tables
- ZeichenKatalog: Returns an Explanation of quality attributes
- ZeitreihenKatalog: Returns list of time series

3.6.1 Recherche

Explanation

Returns a list of objects according to a search string (lucene format)

Syntax

Parameter	Description	Range of values
Account data		
<i>luceneString</i>	Keywords to be searched.	Lucene-Format (see attachment)
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english
<i>kategorie</i>	Category to be searched in	<ul style="list-style-type: none"> - Alle / all (default) - Tabellen / tables - Statistiken / statistics - Datenquader / cubes - Merkmale / variables Zeitreihen / time series

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=Recherche&luceneString=hessen&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&listenLaenge=100&sprache=de&kategorie=tabellen

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:Recherche soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <.luceneString xsi:type="xsd:string">hessen</luceneString>
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <listenLaenge xsi:type="xsd:string">100</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
      <kategorie xsi:type="xsd:string">tabellen</kategorie>
    </web:Recherche>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:RechercheResponse soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice.genesis">
      <RechercheReturn>
        <returncode>(0)</returncode>
        <trefferListe soapenc:arrayType="ns2:EinzelTreffer[100]" xsi:type="soapenc:Array"
xmlns:ns2="daten.methods.webservice.genesis"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <trefferListe>
            <gewichtung>100.0</gewichtung>
            <kostenpflichtig>>false</kostenpflichtig>
            <kurztext>Gebietsfl&#228;che: Bundesl&#228;nder, Stichtag</kurztext>
            <links soapenc:arrayType="ns2:Link[0]" xsi:type="soapenc:Array"/>
            <name>11111-0001</name>
            <objektTyp>Tabelle</objektTyp>
            <strukturTyp>7</strukturTyp>
          </trefferListe>
          <trefferListe>
            <gewichtung>100.0</gewichtung>
            <kostenpflichtig>>false</kostenpflichtig>
            <kurztext>Bev&#246;lkerung, Erwerbst&#228;tige, Erwerbslose,
Erwerbspersonen, Nichterwerbspersonen: Bundesl&#228;nder, Jahre</kurztext>
            <links soapenc:arrayType="ns2:Link[0]" xsi:type="soapenc:Array"/>
            <name>12211-0050</name>
            <objektTyp>Tabelle</objektTyp>
            <strukturTyp>7</strukturTyp>
          </trefferListe>
          <trefferListe>
            <gewichtung>100.0</gewichtung>
            <kostenpflichtig>>false</kostenpflichtig>
            <kurztext>Privathaushalte: Bundesl&#228;nder, Jahre</kurztext>
            <links soapenc:arrayType="ns2:Link[0]" xsi:type="soapenc:Array"/>
            <name>12211-0150</name>
            <objektTyp>Tabelle</objektTyp>
            <strukturTyp>7</strukturTyp>
          </trefferListe>
          [...]
          <trefferListe>
            <gewichtung>100.0</gewichtung>
            <kostenpflichtig>>false</kostenpflichtig>
            <kurztext>Besch&#228;ftigte und Umsatz der Betriebe im Verarbeitenden
Gewerbe: Bundesl&#228;nder, Jahre, Wirtschaftszweige (WZ2003 2-Steller)</kurztext>
            <links soapenc:arrayType="ns2:Link[0]" xsi:type="soapenc:Array"/>
            <name>42111-0111</name>
            <objektTyp>Tabelle</objektTyp>
          </trefferListe>
        </trefferListe>
        <trefferUebersicht soapenc:arrayType="ns3:ObjektTreffer[1]" xsi:type="soapenc:Array"
xmlns:ns3="daten.methods.webservice.genesis"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <trefferUebersicht>
            <objektTyp>Tabelle</objektTyp>
```

```

    <trefferAnzahl>168</trefferAnzahl>
  </trefferUebersicht>
</trefferUebersicht>
</RechercheReturn>
</ns1:RechercheResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.6.2 AuftraegeKatalog

Explanation

Returns a list of processing jobs for a user.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=AuftraegeKatalog&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&listenLaenge=15&sprache=de

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:AuftraegeKatalog soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:AuftraegeKatalog>
  </soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:AuftraegeKatalogResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <AuftraegeKatalogReturn>
        <auftraegeSelection>
          <listenLaenge>100</listenLaenge>
          <sprache>de</sprache>
        </auftraegeSelection>
        <auftraegeKatalogEintraege>
          <datum>03.12.2010</datum>
          <inhalt>hol_1</inhalt>
          <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
          <status>Fertig</status>
          <typ>Werteabruf</typ>
          <zeit>12:07:01</zeit>
        </auftraegeKatalogEintraege>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
      </AuftraegeKatalogResponse>
    </ns1:AuftraegeKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

```

    </AuftraegeKatalogReturn>
  </ns1:AuftraegeKatalogResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.6.3 BegriffeKatalog

Explanation

Returns a list of keywords according to a selection.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>filter</i>	Filter the keywords, where Code fits <filter>.	1-15 digits; „*“-Notation
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```

https://www-
genesis.destatis.de/genesisWS/web/RechercheService_2010?method=BegriffeKatalog&kennung=YOUR_US
ER_NAME&password=YOUR_PASSWORD&filter=n*&listenLaenge=15&sprache=de

```

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice_2010.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:BegriffeKatalog soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <filter xsi:type="xsd:string">n*</filter>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:BegriffeKatalog>
  </soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:BegriffeKatalogResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <BegriffeKatalogReturn>
        <begriffeSelection>
          <filter>n*</filter>
          <listenLaenge>15</listenLaenge>
          <sprache>de</sprache>
        </begriffeSelection>
        <begriffeKatalogEintraege soapenc:arrayType="ns2:BegriffeKatalogEintrag[15]"
xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.webservice_2010.genesis"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <begriffeKatalogEintraege>
            <inhalt>N,N'-Ethylen</inhalt>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
          </begriffeKatalogEintraege>
          <begriffeKatalogEintraege>
            <inhalt>N,N-Bis(2-methoxyethyl)hydroxylamin</inhalt>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
          </begriffeKatalogEintraege>
        </begriffeKatalogEintraege>
      </BegriffeKatalogReturn>
    </ns1:BegriffeKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

```

</begriffeKatalogEintraege>
[...]
```

```

<begriffeKatalogEintraege>
  <inhalt>Nachrichtenübermittlung</inhalt>
  <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
</begriffeKatalogEintraege>
<begriffeKatalogEintraege>
  <inhalt>Nachrichtenwesen</inhalt>
  <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
</begriffeKatalogEintraege>
</begriffeKatalogEintraege>
<returnInfo>
  <code>0</code>
  <inhalt>erfolgreich</inhalt>
  <typ>Information</typ>
</returnInfo>
</BegriffeKatalogReturn>
</ns1:BegriffeKatalogResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.6.4 DatenKatalog

Explanation

Returns a list of data sets according to a selection.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>filter</i>	Filter the data, where Code matches <filter>.	1-15 digits; „*“-Notation
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=DatenKatalog&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&filter=12*&bereich=Alle&listenLaenge=15&sprache=de

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:DatenKatalog soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <filter xsi:type="xsd:string">12*</filter>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
    </web:DatenKatalog>
  </soapenv:Body>
</soapenv:Envelope>

```

```

    <sprache xsi:type="xsd:string">de</sprache>
  </web:DatenKatalog>
</soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:DatenKatalogResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice.genesis">
      <DatenKatalogReturn>
        <datenAuswahl>
          <bereich>Alle</bereich>
          <filter>12*</filter>
          <kriterium>Name</kriterium>
          <listenLaenge>15</listenLaenge>
          <sprache>de</sprache>
        </datenAuswahl>
        <datenKatalogEintraege soapenc:arrayType="ns2:DatenKatalogEintrag[31]"
          xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.webservice_2010.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <datenKatalogEintraege>
            <beschriftungstext>Mikrozensus Grundprogramm, Privathaushalte,
              Stichmonat</beschriftungstext>
            <code>12211BJ001</code>
            <inhalt>05/1992-04/1999</inhalt>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
            <stand>16.04.2019 08:21:56h</stand>
          </datenKatalogEintraege>
          [...]
        </datenKatalogEintraege>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
      </DatenKatalogReturn>
    </ns1:DatenKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

3.6.5 Ergebniskatalog

Explanation

Returns a list of results of processing jobs according to a selection.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>passwort</i>	The users password	10-20 characters
Selection		
<i>filter</i>	Filter the results, where Code matches <filter>.	1-15 digits; „*" -Notation
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich

Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

`https://www-`

`genesis.destatis.de/genesisWS/web/RechercheService_2010?method=ErgebnisKatalog&kennung=YOUR_US
ER_NAME&passwort=YOUR_PASSWORD&filter=*&bereich=Alle&listenLaenge=99&sprache=de`

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:ErgebnisKatalog soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <filter xsi:type="xsd:string">*</filter>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <listenLaenge xsi:type="xsd:string">99</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:ErgebnisKatalog>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:ErgebnisKatalogResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice.genesis">
      <ErgebnisKatalogReturn>
        <ergebnisAuswahl>
          <bereich>Alle</bereich>
          <filter>*</filter>
          <kriterium>Name</kriterium>
          <listenLaenge>99</listenLaenge>
          <sprache>de</sprache>
        </ergebnisAuswahl>
        <ergebnisKatalogEintraege soapenc:arrayType="ns2:ErgebnisKatalogEintrag[99]"
xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.methods.webservice.genesis"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <ergebnisKatalogEintraege>
            <code>$24.06.09/08:38:14.9</code>
            <inhalt>Indikatoren zur nachhaltigen Entwicklung in Deutschland</inhalt>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
          </ergebnisKatalogEintraege>
          <ergebnisKatalogEintraege>
            <code>$24.06.09/10:28:38.7</code>
            <inhalt>Umsatz im Einzelhandel (real/nominal) (Messzahlen und
Veränderungsraten): Deutschland, Jahre, Wirtschaftszweige (WZ2008: ausgewählte
Positionen)</inhalt>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
          </ergebnisKatalogEintraege>
          [...]
          <ergebnisKatalogEintraege>
            <code>$Cache-S2-13231-0002</code>
            <inhalt>Erwerbslose: Deutschland, Monate, Geschlecht, Altersgruppen,
original/saisonbereinigte Werte</inhalt>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
          </ergebnisKatalogEintraege>
        </ergebnisKatalogEintraege>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
      </ErgebnisKatalogReturn>
    </ns1:ErgebnisKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```



```

    </ns1:ErgebnisKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

3.6.6 MerkmalsKatalog

Explanation

Returns a list of variables according to a selection.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>passwort</i>	The users password	10-20 characters
Selection		
<i>filter</i>	Filter to apply. The filter is applied to the property specified by the parameter <i>kriterium</i> below.	1-15 digits; "-"-Notation
<i>kriterium</i>	Property to which <i>filter</i> is applied	Code Inhalt
<i>typ</i>	Type of variable Translation: <div style="display: flex; justify-content: space-between;"> <div> <i>Klassifizierend</i> <i>insgesamt</i> <i>räumlich</i> <i>sachlich</i> <i>wert</i> <i>zeitlich</i> <i>zeitidentifizierend</i> <i>alle</i> </div> <div> <i>classifying</i> <i>overall</i> <i>regional</i> <i>subject</i> <i>value</i> <i>time</i> <i>time identifying</i> <i>all</i> </div> </div>	<i>klassifizierend</i> <i>insgesamt</i> <i>räumlich</i> <i>sachlich</i> <i>wert</i> <i>zeitlich</i> <i>zeitidentifizierend</i> <i>alle</i>
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: <div style="display: flex; justify-content: space-between;"> <div> <i>Meine/Benutzer</i> <i>Gruppe</i> <i>Amt</i> <i>Katalog/Öffentlich</i> <i>Alle</i> </div> <div> <i>user</i> <i>group</i> <i>office</i> <i>public</i> <i>all</i> </div> </div>	internal users: <i>Meine/Benutzer</i> <i>Gruppe</i> <i>Amt</i> <i>Katalog/Öffentlich</i> <i>Alle</i> external users: <i>Katalog/Öffentlich</i>
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=MerkmalsKatalog&kennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD&filter=A*&kriterium=Code&typ=alle&bereich=Alle&listenLaenge=99&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:MerkmalsKatalog soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <filter xsi:type="xsd:string">A*</filter>
      <kriterium xsi:type="xsd:string">Code</kriterium>
      <typ xsi:type="xsd:string">alle</typ>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <listenLaenge xsi:type="xsd:string">99</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:MerkmalsKatalog>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:MerkmalsKatalogResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice.genesis">
      <MerkmalsKatalogReturn>
        <merkmalsAuswahl>
          <bereich>Alle</bereich>
          <filter>A*</filter>
          <kriterium>code</kriterium>
          <listenLaenge>99</listenLaenge>
          <sprache>de</sprache>
          <typ>Alle</typ>
        </merkmalsAuswahl>
        <merkmalsKatalogEintraege soapenc:arrayType="ns2:MerkmalsKatalogEintrag[99]"
xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.methods.webservice.genesis"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <merkmalsKatalogEintraege>
            <auspraegungen/>
            <code>ABG002</code>
            <inhalt>Produktions- und Importabgaben abzgl. Subventionen</inhalt>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
            <typ>Wert</typ>
          </merkmalsKatalogEintraege>
          <merkmalsKatalogEintraege>
            <auspraegungen/>
            <code>ABG003</code>
            <inhalt>Abgaben auf soz.Leistungen, verbrauchsnahe Steuern</inhalt>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
            <typ>Wert</typ>
          </merkmalsKatalogEintraege>
          [...]
          <merkmalsKatalogEintraege>
            <auspraegungen/>
            <code>ASG010</code>
            <inhalt>Nettoausgaben</inhalt>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
            <typ>Wert</typ>
          </merkmalsKatalogEintraege>
        </merkmalsKatalogEintraege>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
      </MerkmalsKatalogReturn>
    </ns1:MerkmalsKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

3.6.7 MerkmalAuspraegungenKatalog

Explanation

Returns a list of attributes according to a selection to a variable.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the variable	1-15 digits; "-Notation
<i>auswahl</i>	Selection of attributes of the variable	1-15 digits; "-Notation
<i>kriterium</i>	Column, where <auswahl> is applied.	Code Inhalt
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-2500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```
https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=MerkmalAuspraegungenKatalog&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=BILHS1&auswahl=hs18*&kriterium=code&bereich=Alle&listenLaenge=10&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:MerkmalAuspraegungenKatalog
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">BILHS1</name>
      <auswahl xsi:type="xsd:string">HS18*</auswahl>
      <kriterium xsi:type="xsd:string">code</kriterium>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <listenLaenge xsi:type="xsd:string">10</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:MerkmalAuspraegungenKatalog>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:MerkmalAuspraegungenKatalogResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice.genesis">
```

```

<MerkmalAuspraegungenKatalogReturn>
  <merkmalAuspraegungenAuswahl>
    <auswahl>HS18*</auswahl>
    <bereich>Alle</bereich>
    <kriterium>code</kriterium>
    <listenLaenge>10</listenLaenge>
    <name>BILHS1</name>
    <sprache>de</sprache>
  </merkmalAuspraegungenAuswahl>
  <merkmalAuspraegungenKatalogEintraege
    soapenc:arrayType="ns2:MerkmalAuspraegungenKatalogEintrag[4]"
    xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.methods.webservice.genesis"
    xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
    <merkmalAuspraegungenKatalogEintraege>
      <code>HS1800</code>
      <inhalt>U Hohenheim</inhalt>
      <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
      <merkmale>1</merkmale>
    </merkmalAuspraegungenKatalogEintraege>
    <merkmalAuspraegungenKatalogEintraege>
      <code>HS1810</code>
      <inhalt>U Mannheim</inhalt>
      <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
      <merkmale>1</merkmale>
    </merkmalAuspraegungenKatalogEintraege>
    <merkmalAuspraegungenKatalogEintraege>
      <code>HS1820</code>
      <inhalt>U Ulm</inhalt>
      <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
      <merkmale>1</merkmale>
    </merkmalAuspraegungenKatalogEintraege>
    <merkmalAuspraegungenKatalogEintraege>
      <code>HS1830</code>
      <inhalt>Freie H Stuttgart, Seminar für Waldorfpäd.(Priv.)</inhalt>
      <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
      <merkmale>1</merkmale>
    </merkmalAuspraegungenKatalogEintraege>
  </merkmalAuspraegungenKatalogEintraege>
  <returnInfo>
    <code>0</code>
    <inhalt>erfolgreich</inhalt>
    <typ>Information</typ>
  </returnInfo>
</MerkmalAuspraegungenKatalogReturn>
</ns1:MerkmalAuspraegungenKatalogResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.6.8 MerkmalDatenKatalog

Explanation

Returns a list of data sets according to a selection of a variable.

Note: The parameter <auswahl> is not yet supported.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>passwort</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the variable	1-15 digits; „*“-Notation
<i>auswahl</i>	Selection of data sets of the variable	1-15 digits; „*“-Notation (not yet supported)

<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-2500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=MerkmalDatenKatalog&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=GES&auswahl=12*&bereich=Alle&listenLaenge=15&sprache=de

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:MerkmalDatenKatalog
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">GES</name>
      <auswahl xsi:type="xsd:string">12*</auswahl>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:MerkmalDatenKatalog>
  </soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:MerkmalDatenKatalogResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <MerkmalDatenKatalogReturn>
        <merkmalDatenAuswahl>
          <auswahl>12*</auswahl>
          <bereich>Alle</bereich>
          <kriterium/>
          <listenLaenge>15</listenLaenge>
          <name>GES</name>
          <sprache>de</sprache>
        </merkmalDatenAuswahl>
        <merkmalDatenKatalogEintraege soapenc:arrayType="ns2:MerkmalDatenKatalogEintrag[15]"
          xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.webservice_2010.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <merkmalDatenKatalogEintraege>
            <beschriftungstext>Gebietsstand, Absatz von Feinschnittrollen, Absatz von
              Pfeifentabak, Absatz von Feinschnitt, Absatz von Zigarren/Zigarillos,
              Absatz von Zigaretten, Arbeitsstunden, Deutschland, Monate, Quartale,
              Altersjahre (ul-85m), Geschlecht, Familienstand, Beschäftigungsumfang,
              Ehedauer, Schulabschlüsse, Bundesländer, Jahr
            </beschriftungstext>
            <code>11117TEST1</code>
            <inhalt>1. Quartal 2001</inhalt>
          </merkmalDatenKatalogEintraege>
        </MerkmalDatenKatalogReturn>
      </ns1:MerkmalDatenKatalogResponse>
    </soapenv:Body>
  </soapenv:Envelope>

```

```

    <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
    <stand>17.12.2008 15:41:54h</stand>
  </merkmalDatenKatalogEintraege>
  [...]
</merkmalDatenKatalogEintraege>
<returnInfo>
  <code>0</code>
  <inhalt>erfolgreich</inhalt>
  <typ>Information</typ>
</returnInfo>
</MerkmalDatenKatalogReturn>
</ns1:MerkmalDatenKatalogResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.6.9 MerkmalStatistikenKatalog

Explanation

Returns a list of statistics according to a selection of a variable.

Note: The parameter <auswahl> is not yet supported.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the variable	1-15 digits; "-Notation
<i>auswahl</i>	Selection of statistics of the variable	1-15 digits; "-Notation (not yet supported)
<i>kriterium</i>	Property to which <i>auswahl</i> is applied	Code Inhalt
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-2500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=MerkmalStatistikenKatalog&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=GES&auswahl=12*&kriterium=Code&bereich=Alle&listenLaenge=15&sprache=de

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:MerkmalStatistikenKatalog
  soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
    <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
    <password xsi:type="xsd:string">YOUR_PASSWORD</password>
    <name xsi:type="xsd:string">GES</name>
  </web:MerkmalStatistikenKatalog>
</soapenv:Body>
</soapenv:Envelope>

```

```

    <auswahl xsi:type="xsd:string">12*</auswahl>
    <kriterium xsi:type="xsd:string">Code</kriterium>
    <bereich xsi:type="xsd:string">Code</bereich>
    <listenLaenge xsi:type="xsd:string">15</listenLaenge>
    <sprache xsi:type="xsd:string">de</sprache>
  </web:MerkmalStatistikenKatalog>
</soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:MerkmalStatistikenKatalogResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <MerkmalStatistikenKatalogReturn>
        <merkmalStatistikenAuswahl>
          <auswahl/>
          <bereich>Alle</bereich>
          <kriterium/>
          <listenLaenge>15</listenLaenge>
          <name>GES</name>
          <sprache>de</sprache>
        </merkmalStatistikenAuswahl>
        <merkmalStatistikenKatalogEintraege
          soapenc:arrayType="ns2:MerkmalStatistikenKatalogEintrag[15]"
          xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.webservice_2010.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <merkmalStatistikenKatalogEintraege>
            <code>12211</code>
            <datenquader>3</datenquader>
            <inhalt>Mikrozensus Grundprogramm</inhalt>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
          </merkmalStatistikenKatalogEintraege>
          [...]
        </merkmalStatistikenKatalogEintraege>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
      </MerkmalStatistikenKatalogReturn>
    </ns1:MerkmalStatistikenKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

3.6.10 MerkmalTabellenKatalog

Explanation

Returns a list of tables according to a selection of a variable.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>passwort</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the variable	1-15 digits; „*“-Notation
<i>auswahl</i>	Selection of tables of the variable	1-15 digits; „*“-Notation

<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-2500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=MerkmalTabellenKatalog&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=GES&auswahl=12*&bereich=Alle&listenLaenge=15&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:MerkmalTabellenKatalog
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">GES</name>
      <auswahl xsi:type="xsd:string">12*</auswahl>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:MerkmalTabellenKatalog>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:MerkmalTabellenKatalogResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <MerkmalTabellenKatalogReturn>
        <merkmalTabellenAuswahl>
          <auswahl>12*</auswahl>
          <bereich>Alle</bereich>
          <kriterium/>
          <listenLaenge>15</listenLaenge>
          <name>GES</name>
          <sprache>de</sprache>
        </merkmalTabellenAuswahl>
        <merkmalTabellenKatalogEintraege
soapenc:arrayType="ns2:MerkmalTabellenKatalogEintrag[15]" xsi:type="soapenc:Array"
xmlns:ns2="katalog.daten.webservice_2010.genesis"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <merkmalTabellenKatalogEintraege>
            <abrufbar>true</abrufbar>
            <code>12511-0004</code>
            <inhalt>Einbürgerungen von Ausländern: Deutschland, Jahr, Geschlecht,
              Altersgruppen, Kontinente
            </inhalt>
            <kostenpflichtig>false</kostenpflichtig>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
          </merkmalTabellenKatalogEintraege>
        </merkmalTabellenKatalogEintraege>
      </MerkmalTabellenKatalogReturn>
    </ns1:MerkmalTabellenKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```



```

    </merkmalTabellenKatalogEintraege>
    [...]
  </merkmalTabellenKatalogEintraege>
  <returnInfo>
    <code>0</code>
    <inhalt>erfolgreich</inhalt>
    <typ>Information</typ>
  </returnInfo>
</MerkmalTabellenKatalogReturn>
</ns1:MerkmalTabellenKatalogResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.6.11 MerkmalZeitreihenKatalog

Explanation

Returns a list of time series according to a selection of a variable.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the variable	1-15 digits; "-Notation
<i>auswahl</i>	Selection of time series of the variable	1-15 digits; "-Notation
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-2500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=MerkmalZeitreihenKatalog&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=GES&auswahl=12*&bereich=Alle&listenLaenge=15&sprache=de

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:MerkmalZeitreihenKatalog
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">GES</name>
      <auswahl xsi:type="xsd:string">12*</auswahl>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:MerkmalZeitreihenKatalog>
  </soapenv:Body>

```

```
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:MerkmalZeitreihenKatalogResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <MerkmalZeitreihenKatalogReturn>
        <merkmalZeitreihenAuswahl>
          <auswahl>12*</auswahl>
          <bereich>Alle</bereich>
          <kriterium/>
          <listenLaenge>15</listenLaenge>
          <name>GES</name>
          <sprache>de</sprache>
        </merkmalZeitreihenAuswahl>
        <merkmalZeitreihenKatalogEintraege
          soapenc:arrayType="ns2:MerkmalZeitreihenKatalogEintrag[15]"
          xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.webservice_2010.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <merkmalZeitreihenKatalogEintraege>
            <abrufbar>true</abrufbar>
            <code>12211BJ003</code>
            <inhalt>Mikrozensus Grundprogramm, Privathaushalte, Deutschland, Alter des
              Haushaltsvorstands (u25-65m), Familienstand, Geschlecht, Stichmonat
            </inhalt>
            <kostenpflichtig>false</kostenpflichtig>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
          </merkmalZeitreihenKatalogEintraege>
          [...]
        </merkmalZeitreihenKatalogEintraege>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
      </MerkmalZeitreihenKatalogReturn>
    </ns1:MerkmalZeitreihenKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

3.6.12 NeueDatenKatalog

Explanation

Returns a list of objects that were modified since <stand> according to a selection.

Note: This method provides only modifications within the last 4 weeks.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>passwort</i>	The users password	10-20 characters
Selection		
<i>filter</i>	Filter the objects, where Code matches <filter>.	1-10 characters; „*-Notation
<i>typ</i>	Type of objects to return. Translation: <div> <div>Tabellen</div> <div>new tables</div> </div> <div> <div>Statistiken</div> <div>new statistics</div> </div> <div> <div>StatistikUpdates</div> <div>updates of statistics</div> </div> <div> <div>Alle</div> <div>all</div> </div>	Tabellen Statistiken StatistikUpdates Alle
<i>stand</i>	Deliveres only data, which are published after this date.	„dd.mm.yyyy“ Example: „24.12.2001“

Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

`https://www-`

`genesis.destatis.de/genesisWS/web/RechercheService_2010?method=NeueDatenKatalog&kennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD&filter=2*&typ=Alle&stand=20.10.2010&listenLaenge=15&sprache=en`

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web: NeueDatenKatalog soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennenung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</password>
      <filter xsi:type="xsd:string">2*</filter>
      <typ xsi:type="xsd:string">Alle</typ>
      <stand xsi:type="xsd:string">20.10.2010</stand>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web: NeueDatenKatalog >
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:NeueDatenKatalogResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <NeueDatenKatalogReturn>
        <neueDatenAuswahl>
          <filter>2*</filter>
          <listenLaenge>15</listenLaenge>
          <sprache>de</sprache>
          <stand>20.10.2010</stand>
          <typ>Alle</typ>
        </neueDatenAuswahl>
        <neueDatenKatalogEintraege soapenc:arrayType="ns2:NeueDatenKatalogEintrag[1]"
          xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.webservice_2010.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <neueDatenKatalogEintraege>
            <code>22121-0001</code>
            <datum>14.10.2010</datum>
            <inhalt>Empfänger von laufender Hilfe zum Lebensunterhalt: Deutschland,
              Stichtag, Geschlecht, Ort der Hilfestellung</inhalt>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
            <neu xsi:nil="true"/>
            <typ>Statistiken</typ>
          </neueDatenKatalogEintraege>
          [...]
        </neueDatenKatalogEintraege>
      </NeueDatenKatalogReturn>
    </ns1:NeueDatenKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

3.6.13 StatistikKatalog

Explanation

Returns a list of statistics according to a selection.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>filter</i>	Filter to apply. The filter is applied to the property specified by the parameter <i>kriterium</i> below.	1-15 digits; „*“-Notation
<i>kriterium</i>	Property to which <i>filter</i> is applied	Code Inhalt
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=StatistikKatalog&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&filter=12*&kriterium=Code&listenLaenge=15&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:StatistikKatalog soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <filter xsi:type="xsd:string">3*</filter>
      <kriterium xsi:type="xsd:string">Code</kriterium>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:StatistikKatalog>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:StatistikKatalogResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice.genesis">
      <StatistikKatalogReturn>
        <statistikKatalogEintraege>
          <code>12211</code>
          <datenquader>3</datenquader>
          <inhalt>Mikrozensus Grundprogramm</inhalt>
          <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
        </statistikKatalogEintraege>
        [...]
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <statistikAuswahl>
          <bereich>Alle</bereich>
          <filter>3*</filter>
          <kriterium>code</kriterium>
          <listenLaenge>15</listenLaenge>
          <sprache>de</sprache>
        </statistikAuswahl>
      </StatistikKatalogReturn>
    </ns1:StatistikKatalogResponse>
  </soapenv:Body>
```

```
</soapenv:Envelope>
```

3.6.14 StatistikDatenKatalog

Explanation

Returns a list of data sets according to a selection of a statistics.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the statistics	1-15 digits; "-Notation
<i>auswahl</i>	Selection of data of the statistics.	1-15 digits; "-Notation
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-2500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```
https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=StatistikDatenKatalog&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=12411&auswahl=12411BM*&bereich=Alle&listenLaenge=15&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:StatistikDatenKatalog
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">12411</name>
      <auswahl xsi:type="xsd:string">12411BM*</auswahl>
      <bereich xsi:type="xsd:string">Alle*</bereich>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:StatistikDatenKatalog>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:StatistikDatenKatalogResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <StatistikDatenKatalogReturn>
```

```

<returnInfo>
  <code>0</code>
  <inhalt>erfolgreich</inhalt>
  <typ>Information</typ>
</returnInfo>
<statistikDatenAuswahl>
  <auswahl>12411BM*</auswahl>
  <bereich>Alle</bereich>
  <kriterium/>
  <listenLaenge>15</listenLaenge>
  <name>12411</name>
  <sprache>de</sprache>
</statistikDatenAuswahl>
<statistikDatenKatalogEintraege
  soapenc:arrayType="ns2:StatistikDatenKatalogEintrag[9]" xsi:type="soapenc:Array"
  xmlns:ns2="katalog.daten.webservice_2010.genesis"
  xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
  <statistikDatenKatalogEintraege>
    <beschriftungstext>Fortschreibung des Bevölkerungsstandes, Bevölkerungsstand,
      Deutschland, Nationalität, Geschlecht, Familienstand, Altersjahre (u1-85m),
      Stichtag
    </beschriftungstext>
    <code>12411BJ001</code>
    <inhalt>31.12.1991-31.12.2006</inhalt>
    <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array" />
    <stand>17.04.2019 07:22:35h</stand>
  </statistikDatenKatalogEintraege>
  [...]
</statistikDatenKatalogEintraege>
</StatistikDatenKatalogReturn>
</ns1:StatistikDatenKatalogResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.6.15 StatistikMerkmaleKatalog

Explanation

Returns a list of variables according to a selection to a statistics.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>passwort</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the statistics	1-15 digits; „*“-Notation
<i>auswahl</i>	Selection of variables of the statistics.	1-15 digits; „*“-Notation
<i>kriterium</i>	Property to which <i>auswahl</i> is applied	Code <i>Inhalt</i>
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-2500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```
https://www-
genesis.destatis.de/genesisWS/web/RechercheService_2010?method=StatistikMerkmaleKatalog&kennun
g=YOUR_USER_NAME&password=YOUR_PASSWORD&name=12411&auswahl=G*&kriterium=Code&bereich=Alle&list
enLaenge=15&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:StatistikMerkmaleKatalog
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">12411</name>
      <auswahl xsi:type="xsd:string">G*</auswahl>
      <kriterium xsi:type="xsd:string">Code</kriterium>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:StatistikMerkmaleKatalog>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:StatistikMerkmaleKatalogResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <StatistikMerkmaleKatalogReturn>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <statistikMerkmaleAuswahl>
          <auswahl>G*</auswahl>
          <bereich>Alle</bereich>
          <kriterium/>
          <listenLaenge>15</listenLaenge>
          <name>12411</name>
          <sprache>de</sprache>
        </statistikMerkmaleAuswahl>
        <statistikMerkmaleKatalogEintraege
          soapenc:arrayType="ns2:StatistikMerkmaleKatalogEintrag[2]"
          xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.webservice_2010.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <statistikMerkmaleKatalogEintraege>
            <auspraegungen xsi:nil="true"/>
            <code>GES</code>
            <inhalt>Geschlecht</inhalt>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
            <typ>sachlich</typ>
          </statistikMerkmaleKatalogEintraege>
          [...]
        </statistikMerkmaleKatalogEintraege>
      </StatistikMerkmaleKatalogReturn>
    </ns1:StatistikMerkmaleKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```


3.6.16 StatistikTabellenKatalog

Explanation

Returns a list of tables according to a selection of a statistics.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the statistics	1-15 digits
<i>auswahl</i>	Selection of tables of the statistics.	1-15 digits; "-Notation
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-2500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```
https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=StatistikTabellenKatalog&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=12411&auswahl=12411-1*&bereich=Alle&listenLaenge=15&sprache=de
```

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:StatistikTabellenKatalog
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <name xsi:type="xsd:string">12411</name>
      <auswahl xsi:type="xsd:string">12411-0*</auswahl>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:StatistikTabellenKatalog>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:StatistikTabellenKatalogResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <StatistikTabellenKatalogReturn>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
        </returnInfo>
      </StatistikTabellenKatalogReturn>
    </ns1:StatistikTabellenKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```



```

    <typ>Information</typ>
  </returnInfo>
  <statistikTabellenAuswahl>
    <auswahl>12411-0*</auswahl>
    <bereich>Alle</bereich>
    <kriterium/>
    <listenLaenge>15</listenLaenge>
    <name>12411</name>
    <sprache>de</sprache>
  </statistikTabellenAuswahl>
  <statistikTabellenKatalogEintraege
    soapenc:arrayType="ns2:StatistikTabellenKatalogEintrag[15]"
    xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.webservice_2010.genesis"
    xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
    <statistikTabellenKatalogEintraege>
      <abrufbar>true</abrufbar>
      <code>12411-0001</code>
      <inhalt>Bevölkerung: Deutschland, Stichtag</inhalt>
      <kostenpflichtig>false</kostenpflichtig>
      <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
    </statistikTabellenKatalogEintraege>
    [...]
  </statistikTabellenKatalogEintraege>
</StatistikTabellenKatalogReturn>
</ns1:StatistikTabellenKatalogResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.6.17 StatistikZeitreihenKatalog

Explanation

Returns a list of time series according to a selection of a statistics.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>name</i>	Name of the statistics	1-15 digits; „*“-Notation
<i>auswahl</i>	Selection of time series of the statistics.	1-15 digits; „*“-Notation
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Katalog/Öffentlich
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-2500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=StatistikZeitreihenKatalog&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&name=12411&auswahl=12411BM*&bereich=Alle&listenLaenge=15&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:StatistikZeitreihenKatalog
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <name xsi:type="xsd:string">12411</name>
      <auswahl xsi:type="xsd:string">12411BM*</auswahl>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:StatistikZeitreihenKatalog>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:StatistikZeitreihenKatalogResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice_2010.genesis">
      <StatistikZeitreihenKatalogReturn>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <statistikZeitreihenAuswahl>
          <auswahl>12411BM*</auswahl>
          <bereich>Alle</bereich>
          <kriterium/>
          <listenLaenge>15</listenLaenge>
          <name>12411</name>
          <sprache>de</sprache>
        </statistikZeitreihenAuswahl>
        <statistikZeitreihenKatalogEintraege
          soapenc:arrayType="ns2:StatistikZeitreihenKatalogEintrag[9]"
          xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.webservice_2010.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <statistikZeitreihenKatalogEintraege>
            <abrufbar>true</abrufbar>
            <code>12411BJ001</code>
            <inhalt>Fortschreibung des Bevölkerungsstandes, Bevölkerungsstand, Deutschland,
              Nationalität, Geschlecht, Familienstand, Altersjahre (u1-85m), Stichtag
            </inhalt>
            <kostenpflichtig>false</kostenpflichtig>
            <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
          </statistikZeitreihenKatalogEintraege>
          [...]
        </statistikZeitreihenKatalogEintraege>
      </StatistikZeitreihenKatalogReturn>
    </ns1:StatistikZeitreihenKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

3.6.18 TabellenKatalog

Explanation

Returns a list of tables according to a selection. (all tables except time series!)

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>passwort</i>	The users password	10-20 characters
Selection		
<i>filter</i>	Filter the tables, where Code matches <filter>.	1-15 digits; „*“-Notation
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ↔ Meine - Öffentlich ↔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=TabellenKatalog&kennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD&filter=12*&bereich=Alle&listenLaenge=15&sprache=de

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:TabellenKatalog soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
      <filter xsi:type="xsd:string">12*</filter>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:TabellenKatalog>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:TabellenKatalogResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice.genesis">
      <TabellenKatalogReturn>
        <tabellenAuswahl>
          <bereich>Alle</bereich>
          <filter>12*</filter>
          <kriterium>code</kriterium>
          <listenLaenge>100</listenLaenge>
          <sprache>de</sprache>
        </tabellenAuswahl>
        <tabellenKatalogEintraege>
          <tabellenKatalogEintraege>
            <abrufbar>true</abrufbar>
            <code>12211-0001</code>
            <inhalt>Privathaushalte: Deutschland, Stichmonat</inhalt>
            <kostenpflichtig>false</kostenpflichtig>
          </tabellenKatalogEintraege>
        </tabellenKatalogEintraege>
      </TabellenKatalogReturn>
    </ns1:TabellenKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
  </tabellenKatalogEintraege>
  [...]
</tabellenKatalogEintraege>
<TabellenKatalogReturn>
</ns1:TabellenKatalogResponse>
</soapenv:Body>
</soapenv:Envelope>

```

3.6.19 ZeichenKatalog

Explanation

Returns a Explanation of quality attributes.

(Note: import and export use „..“ for „data will be available later“, but tables show „...“)

Syntax

Parameter	Description	Range of values
Options		
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

```

https://www-
genesis.destatis.de/genesisWS/web/RechercheService_2010?method=ZeichenKatalog&sprache=de

```

Request (SOAP)

```

<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:ZeichenKatalog soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <sprache xsi:type="xsd:string">de</sprache>
    </web:ZeichenKatalog>
  </soapenv:Body>
</soapenv:Envelope>

```

Response

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:ZeichenKatalogResponse>
      <ZeichenKatalogReturn>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <zeichenKatalogEintraege>
          <zeichenKatalogEintraege>
            <code>0</code>
            <inhalt>weniger als die Hälfte von 1 in der letzten besetzten Stelle, jedoch
              mehr als nichts</inhalt>
          </zeichenKatalogEintraege>
          [...]
        </zeichenKatalogEintraege>
      </ZeichenKatalogReturn>
    </ns1:ZeichenKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

3.6.20 ZeitreihenKatalog

Explanation

Returns a list of time series according to a selection.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>password</i>	The users password	10-20 characters
Selection		
<i>filter</i>	Filter the time series, where Code matches <filter>.	1-15 digits; „*“-Notation
<i>bereich</i>	Domain where the object is stored. This corresponds to the navigation within GENESIS-Online as follows: - Benutzer ⇔ Meine - Öffentlich ⇔ Katalog Translation: Meine/Benutzer user Gruppe group Amt office Katalog/Öffentlich public Alle all	internal users: Meine/Benutzer Gruppe Amt Katalog/Öffentlich Alle external users: Meine/Benutzer Katalog/Öffentlich
Options		
<i>listenLaenge</i>	Maximum number of items that will be returned.	1-500, default=100
<i>sprache</i>	Notes and descriptions etc. will be delivered in this language. (partly later!)	de = german en = english

Request (HTTP)

`https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=ZeitreihenKatalogt&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&filter=12*&bereich=Alle&listenLaenge=15&sprache=de`

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:ZeitreihenKatalog soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <password xsi:type="xsd:string">YOUR_PASSWORD</password>
      <filter xsi:type="xsd:string">12*</filter>
      <bereich xsi:type="xsd:string">Alle</bereich>
      <listenLaenge xsi:type="xsd:string">15</listenLaenge>
      <sprache xsi:type="xsd:string">de</sprache>
    </web:ZeitreihenKatalog>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:ZeitreihenKatalogResponse
soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice.genesis">
      <ZeitreihenKatalogReturn>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <zeitreihenAuswahl>
          <bereich>Alle</bereich>
```

```
<filter>12*</filter>
<kriterium>Name</kriterium>
<listenLaenge>15</listenLaenge>
<sprache>de</sprache>
</zeitreihenAuswahl>
<zeitreihenKatalogEintraege soapenc:arrayType="ns2:ZeitreihenKatalogEintrag[15]"
  xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.methods.webservice.genesis"
  xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
  <zeitreihenKatalogEintraege >
    <abrufbar>true</abrufbar>
    <code>12211B4001</code>
    <inhalt>Mikrozensus, Bevölkerung, Deutschland insgesamt, Art des
Krankenversicherungsverhältnisses, Jahr</inhalt>
    <kostenpflichtig>false</kostenpflichtig>
    <links soapenc:arrayType="ns3:Link[0]" xsi:type="soapenc:Array"/>
    <stand>16.04.2019 08:21:56h</stand>
  </zeitreihenKatalogEintraege>
  [...]
</zeitreihenKatalogEintraege>
</ZeitreihenKatalogReturn>
</ns1:ZeitreihenKatalogResponse>
</soapenv:Body>
</soapenv:Envelope>
```

3.7 TestService

The TestService contains the following methods:

- exception: Throws an exception to the caller.
- logonoff: Login to GENESIS and logoff immediately.
- whoami: Returns the IP adress of the caller to the caller.

3.7.1 exception

Explanation

This method throws an exception. This is an easy way to check exception handling on client side.

Syntax

This method has no parameters.

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/TestService_2010?method=exception

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:exception soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" />
  </soapenv:Body>
</soapenv:Envelope>
```

Response

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <soapenv:Fault>
      <faultcode>soapenv:Server.userException</faultcode>
      <faultstring>genesis.online.util.exception.TestException: Eine Exception zum Testen der
Fehlerbehandlung.</faultstring>
      <detail>
        <ns1:hostname xmlns:ns1="http://xml.apache.org/axis/">www-genesis</ns1:hostname>
      </detail>
    </soapenv:Fault>
  </soapenv:Body>
</soapenv:Envelope>
```

3.7.2 logonoff

Explanation

This methods does a logon and immediatly following a logoff. This is an easy way to check the account data.

Syntax

Parameter	Description	Range of values
Account data		
<i>kennung</i>	User name	10 characters
<i>passwort</i>	The users password	10-20 characters

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/TestService_2010?method=logonoff&kennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:logonoff soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <kennung xsi:type="xsd:string">YOUR_USER_NAME</kennung>
      <passwort xsi:type="xsd:string">YOUR_PASSWORD</passwort>
    </web:logonoff>
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:logonoffResponse soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice.genesis">
      <logonoffReturn>Sie wurden erfolgreich an- and abgemeldet.</logonoffReturn>
    </ns1:logonoffResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

3.7.3 whoami

Explanation

Returns the IP address of the caller. This method is an easy way to check the connection.

Syntax

This method has no parameters.

Request (HTTP)

https://www-genesis.destatis.de/genesisWS/web/TestService_2010?method=whoami

Request (SOAP)

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.genesis">
  <soapenv:Header/>
  <soapenv:Body>
    <web:whoami soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:whoamiResponse soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="http://webservice.genesis">
      <whoamiReturn>Ihr Host heisst 100.50.25.0</whoamiReturn>
    </ns1:whoamiResponse>
  </soapenv:Body>
</soapenv:Envelope>
```


4 Example Workflows

4.1 Up to date tables

4.1.1 Explanation

An user always likes to have a current stand of all tables for a certain statistics.

4.1.2 Webservice-Workflow

1. Call the service "RechercheService_2010" and the method "NeueDatenKatalog" with the number of the statistics, "typ=StatistikUpdates" and the date of the last successful export of this table as parameters. Then the list of the statistics which were updated since the given date will be delivered. If the list is not empty, you can go on with getting the list of tables to that statistics.
2. Call the service "RechercheService_2010" and the method "StatistikTabellenKatalog" with the number of the statistics as parameter. Then the list of all tables to the given statistics will be delivered. If the list is not empty, you can go on with exporting these tables.
3. Call the service "ExportService_2010" in a loop (with numbers of tables) and the method "TabellenExport" with the number of the table as parameter. Finished!

4.1.3 Example

Request 1: Has statistics "46241" been updated since 22.07.2012?

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=NeueDatenKatalog&kennung=YOUR_USERNAME&passwort=YOUR_PASSWORD&filter=46241&typ=StatistikUpdates&stand=22.07.2012&listenLaenge=15&sprache=de

Response 1: The list is not empty, there was an update on statistics "46241" since 22.07.2012 at 23.07.2012.

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:NeueDatenKatalogResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <NeueDatenKatalogReturn>
        <neueDatenAuswahl>
          <filter>46241</filter>
          <listenLaenge>15</listenLaenge>
          <sprache>de</sprache>
          <stand>22.07.2012</stand>
          <typ>StatistikUpdates</typ>
        </neueDatenAuswahl>
        <neueDatenKatalogEintraege soapenc:arrayType="ns2:NeueDatenKatalogEintrag[1]"
          xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.webservice_2010.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <neueDatenKatalogEintraege>
            <code>46241</code>
            <datum>23.07.2012</datum>
            <inhalt>Statistik der Straßenverkehrsunfälle</inhalt>
            <links soapenc:arrayType="ns3:Link[3]" xsi:type="soapenc:Array"
              xmlns:ns3="daten.webservice_2010.genesis">
              [...]
            </links>
            <neu>Apr 2012</neu>
            <typ>StatistikUpdates</typ>
          </neueDatenKatalogEintraege>
        </neueDatenKatalogEintraege>
      </returnInfo>
    </ns1:NeueDatenKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    <code>0</code>
    <inhalt>erfolgreich</inhalt>
    <typ>Information</typ>
  </returnInfo>
</NeueDatenKatalogReturn>
</ns1:NeueDatenKatalogResponse>
</soapenv:Body>
</soapenv:Envelope>

```

Request 2: What are the tables related to statistics "46241"?

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=StatistikTabellenKatalog&kennung=YOUR_USERNAME&passwort=YOUR_PASSWORD&name=46241&auswahl=&bereich=Alle&listenLaenge=15&sprache=de

Response 2: The list is not empty, tables "46241-0001", "46241-0002" etc. are related to statistics "46241"

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ns1:StatistikTabellenKatalogResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <StatistikTabellenKatalogReturn>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <statistikTabellenAuswahl>
          <bereich>Alle</bereich>
          <filter/>
          <kriterium/>
          <listenLaenge>15</listenLaenge>
          <merkmal>46241</merkmal>
          <sprache>de</sprache>
        </statistikTabellenAuswahl>
        <statistikTabellenKatalogEintraege
          soapenc:arrayType="ns2:StatistikTabellenKatalogEintrag[15]"
          xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.webservice_2010.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <statistikTabellenKatalogEintraege>
            <abrufbar>true</abrufbar>
            <code>46241-0001</code>
            <inhalt>Unfälle (polizeilich erfasste): Deutschland, Jahre, Unfallkategorie,
              Ortslage</inhalt>
            <kostenpflichtig>false</kostenpflichtig>
            <links soapenc:arrayType="ns3:Link[8]" xsi:type="soapenc:Array"
              xmlns:ns3="daten.webservice_2010.genesis">
              [...]
            </links>
          </statistikTabellenKatalogEintraege>
          <statistikTabellenKatalogEintraege>
            <abrufbar>true</abrufbar>
            <code>46241-0002</code>
            <inhalt>Unfälle (polizeilich erfasste): Deutschland, Monate, Unfallkategorie,
              Ortslage</inhalt>
            <kostenpflichtig>false</kostenpflichtig>
            <links soapenc:arrayType="ns3:Link[8]" xsi:type="soapenc:Array"
              xmlns:ns3="daten.webservice_2010.genesis">
              [...]
            </links>
          </statistikTabellenKatalogEintraege>
          [...]
        </statistikTabellenKatalogEintraege>
      </StatistikTabellenKatalogReturn>
    </ns1:StatistikTabellenKatalogResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Request 3 - : Do export newest data of table "46241-0001"

https://www-genesis.destatis.de/genesisWS/web/ExportService_2010?method=TabellenExport&ennung=YOUR_USER_NAME&passwort=YOUR_PASSWORD&namen=46241-0001&bereich=Alle&format=csv&strukturinformation=false&komprimieren=false&transponieren=false&startjahr=&endjahr=&zeitscheiben=1®ionalmerkmal=®ionalschlüssel=&sachmerkmal=&sachschlüssel=&sachmerkmal2=&sachschlüssel2=&sachmerkmal3=&sachschlüssel3=&stand=01.01.1900&aufrag=false&sprache=de

Do export newest data of table "46241-0002"

...

Response 3: Table "46241-0001".

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:TabellenExportResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <TabellenExportReturn>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <tabellen soapenc:arrayType="ns2:Tabelle[1]" xsi:type="soapenc:Array"
          xmlns:ns2="daten.methods.webservice.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <tabellen>
            <format/>
            <name>46241-0001</name>
            <returnInfo>
              <code>0</code>
              <inhalt>erfolgreich</inhalt>
              <typ>Information</typ>
            </returnInfo>
            <status>Aktualisierte Daten</status>
            <strukturInformation xsi:nil="true"/>
            <tabellenDaten>GENESIS-Tabelle: Temporär
              Unfälle (polizeilich erfasste): Deutschland, Jahre;;
              Unfallkategorie, Ortslage;;
              Statistik der Straßenverkehrsunfälle;;
              Deutschland;;
              Unfälle (polizeilich erfasste) (Anzahl);;
              ;;2011
              Unfälle mit Personenschaden;innerorts;210427
              ;außerorts (ohne Autobahnen);77549
              ;auf Autobahnen;18290
              ;Insgesamt;306266
              Schwerwiegende Unfälle mit Sachschaden i.e.S;innerorts;48435
              ;außerorts (ohne Autobahnen);21476
              ;auf Autobahnen;11576
              ;Insgesamt;81487
              Sonst. Unfälle unter dem Einfluss berausch. Mittel;innerorts;13627
              ;außerorts (ohne Autobahnen);1994
              ;auf Autobahnen;640
              ;Insgesamt;16261
              Übrige Sachschadensunfälle;innerorts;1470576
              ;außerorts (ohne Autobahnen);366052
              ;auf Autobahnen;120815
              ;Insgesamt;1957443
              Insgesamt;innerorts;1743065
              außerorts (ohne Autobahnen);467071
              auf Autobahnen;151321
              Insgesamt;2361457

              (C)opyright Statistisches Bundesamt, Wiesbaden 2012
              Stand: 24.07.2012 / 09:34:40</tabellenDaten>
          </tabellen>
        </tabellen>
      </TabellenExportReturn>
    </ns1:TabellenExportResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    </tabellen>
  </tabellen>
  <tabellenAuswahl>
    <bereich>Alle</bereich>
    <namen>46241-0001</namen>
  </tabellenAuswahl>
  <tabellenOptionen>
    <auftrag>false</auftrag>
    <endjahr/>
    <format>csv</format>
    <komprimieren>false</komprimieren>
    <regionalMerkmal/>
    <regionalSchluessel/>
    <sachMerkmal/>
    <sachMerkmal2/>
    <sachMerkmal3/>
    <sachSchluessel/>
    <sachSchluessel2/>
    <sachSchluessel3/>
    <sprache>de</sprache>
    <stand>01.01.1900 01:00</stand>
    <startjahr/>
    <strukturinformation>false</strukturinformation>
    <transponieren>false</transponieren>
    <zeitscheiben>1</zeitscheiben>
  </tabellenOptionen>
</TabellenExportReturn>
</ns1:TabellenExportResponse>
</soapenv:Body>
</soapenv:Envelope>

```

4.2 Create a very huge table and export it

4.2.1 Explanation

An user likes to export a table, containing more than 20 000 values. Such tables cannot be retrieved in dialog mode, but have to be calculated in batch mode. After that they are available as so called "Ergebnis" to be exported.

4.2.2 Webservice-Workflow

1. Call the service "ExportService_2010" and the method "TabellenExport" with number of the table and "auftrag=true" as parameters. A note saying that the processing is accepted together with the name of the result will be delivered. You can then go on to determine whether the result is in "status=fertig" (finished). Usually 2 to 3 minutes are enough to finish a result.
2. Call the service "RechercheService_2010" and the method "AuftraegeKatalog" in a time dependend loop, i.e. every 30 seconds. The list of processings for the user will be delivered. If the result is in "status=fertig" (finished), you can go on with exporting the result.
3. Call the service "ExportService_2010" and the method "ErgebnisExport" with the name of the result as parameter. Finished!

4.2.3 Example

Request 1: Calculate the (very huge) table "51000-0013" in batch mode.

https://www-genesis.destatis.de/genesisWS/web/ExportService_2010?method=TabellenExport&kennung=YOUR_USER_NAME&password=YOUR_PASSWORD&namen=51000-0013&bereich=Alle&format=csv&strukturinformation=false&komprimieren=false&transponieren=false&startjahr=&endjahr=&zeitscheiben=®ionalmerkmal=®ionalschluessel=&sachmerkmal=&sachschluessel=&sachmerkmal2=&sachschluessel2=&sachmerkmal3=&sachschluessel3=&stand=&auftrag=true&sprache=de

Response 1: The note containing the results name is being delivered "51000-0013_117056270".

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
    <ns1:TabellenExportResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <TabellenExportReturn>
        <returnInfo>
          <code>22</code>
          <inhalt>Bei mindestens einem Objekt sind Fehler oder Warnungen
            aufgetreten.</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <tabellen soapenc:arrayType="ns2:Tabelle[1]" xsi:type="soapenc:Array"
          xmlns:ns2="daten.methods.webservice.genesis"
          xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
          <tabellen>
            <format/>
            <name>51000-0013</name>
            <returnInfo>
              <code>100</code>
              <inhalt>Der Bearbeitungsauftrag wurde erstellt. Die Tabelle kann in kürze als
                Ergebnis mit folgendem Namen abgerufen werden:
                51000-0013_117056270</inhalt>
              <typ>Information</typ>
            </returnInfo>
            <status>Aktualisierte Daten</status>
            <strukturInformation xsi:nil="true"/>
            <tabellenDaten/>
          </tabellen>
        </tabellen>
        <tabellenAuswahl>
          <bereich>Alle</bereich>
          <namen>51000-0013</namen>
        </tabellenAuswahl>
        <tabellenOptionen>
          <auftrag>true</auftrag>
          <endjahr/>
          <format>csv</format>
          <komprimieren>false</komprimieren>
          <regionalMerkmal/>
          <regionalSchluessel/>
          <sachMerkmal/>
          <sachMerkmal2/>
          <sachMerkmal3/>
          <sachSchluessel/>
          <sachSchluessel2/>
          <sachSchluessel3/>
          <sprache>de</sprache>
          <stand>01.01.1900 01:00</stand>
          <startjahr/>
          <strukturinformation>false</strukturinformation>
          <transponieren>false</transponieren>
          <zeitscheiben>0</zeitscheiben>
        </tabellenOptionen>
      </TabellenExportReturn>
    </ns1:TabellenExportResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

Request 2: Is the processing for result "51000-0013_117056270" finished? (repeat this request every 30 seconds until "status=fertig".)

https://www-genesis.destatis.de/genesisWS/web/RechercheService_2010?method=AuftraegeKatalog&kennung=YOUR_USERNAME&passwort=YOUR_PASSWORD&listenLaenge=15&sprache=de

Response 2: The processing is finished.

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <soapenv:Body>
```

```

<ns1:AuftraegeKatalogResponse
  soapenv:encodingStyle=http://schemas.xmlsoap.org/soap/encoding/
  xmlns:ns1="http://webservice_2010.genesis">
  <AuftraegeKatalogReturn>
    <auftraegeAuswahl>
      <listenLaenge>15</listenLaenge>
      <sprache>de</sprache>
    </auftraegeAuswahl>
    <auftraegeKatalogEintraege soapenc:arrayType="ns2:AuftraegeKatalogEintrag[1]"
      xsi:type="soapenc:Array" xmlns:ns2="katalog.daten.webservice_2010.genesis"
      xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/">
      <auftraegeKatalogEintraege>
        <datum>24.07.2012</datum>
        <inhalt>51000-0013_11705627</inhalt>
        <links soapenc:arrayType="ns3:Link[7]" xsi:type="soapenc:Array"
          xmlns:ns3="daten.webservice_2010.genesis">
          [...]
        </links>
        <status>Fertig</status>
        <typ>Werteabruf</typ>
        <zeit>10:04:16</zeit>
      </auftraegeKatalogEintraege>
    </auftraegeKatalogEintraege>
    <returnInfo>
      <code>0</code>
      <inhalt>erfolgreich</inhalt>
      <typ>Information</typ>
    </returnInfo>
  </AuftraegeKatalogReturn>
</ns1:AuftraegeKatalogResponse>
</soapenv:Body>
</soapenv:Envelope>

```

Request 3 - : Do export the result "51000-0013_11705627"

https://www-genesis.destatis.de/genesisWS/web/ExportService_2010?method=ErgebnisExport&kennung=YOUR_USE_RNAME&passwort=YOUR_PASSWORD&name=51000-0013_11705627&bereich=Meine&format=csv&komprimieren=false&sprache=de

Response 3: Result "51000-0013_11705627".

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
  <soapenv:Body>
    <ns1:ErgebnisExportResponse
      soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://webservice_2010.genesis">
      <ErgebnisExportReturn>
        <ergebnisAuswahl>
          <bereich>Benutzer</bereich>
          <name>51000-0013_11705627</name>
        </ergebnisAuswahl>
        <ergebnisOptionen>
          <format>csv</format>
          <komprimieren>false</komprimieren>
        </ergebnisOptionen>
        <returnInfo>
          <code>0</code>
          <inhalt>erfolgreich</inhalt>
          <typ>Information</typ>
        </returnInfo>
        <tabelle>
          <format/>
          <name>51000-0013_11705627</name>
          <returnInfo>
            <code>0</code>
            <inhalt>erfolgreich</inhalt>
            <typ>Information</typ>
          </returnInfo>
          <status>Aktualisierte Daten</status>
          <strukturInformation xsi:nil="true"/>
          <tabellenDaten><![CDATA[GENESIS-Tabelle: 51000-0013_117056270

```

```

Aus- und Einfuhr (Außenhandel): Deutschland, Jahre;;;;;;;;;
Warenverzeichnis (6-/8-Steller);;;;;;;;;;
Außenhandel;;;;;;;;;
Deutschland;;;;;;;;;
;;Ausfuhr: Besondere Maßeinheit;Ausfuhr: Gewicht;Ausfuhr: Wert;Ausfuhr: Wert
(Monatskurs);Einfuhr: Besondere Maßeinheit;Einfuhr:
Gewicht;Einfuhr:Wert;Einfuhr: Wert (Monatskurs)
;;Anzahl;t;Tsd. EUR;Tsd. US $;Anzahl;t;Tsd. EUR;Tsd. US $
2011;;;;;;;;;
WA01011010;Reinrassige Zuchttiere,Pferde,lebend (bis 2011)
St;971;470,1;22440;31183;916;371,5;13875;19418
WA01011090;Reinrassige Zuchttiere, Esel, lebend (bis 2011) St;-;-;-;-;-;-;-;-
WA01012100;Reinrassige Zuchttiere, Pferde, lebend St;-;-;-;-;-;-;-;-
WA01012910;Pferde, andere, zum Schlachten St;-;-;-;-;-;-;-;-
WA01012990;Pferde, andere, lebend St;-;-;-;-;-;-;-;-
WA01013000;Esel, lebend St;-;-;-;-;-;-;-;-
WA01019000;Maultiere und Maulesel, lebend St;-;-;-;-;-;-;-;-
WA01019011;Pferde, a.n.g., zum Schlachten (bis 2011)
St;1427;810,4;987;1377;-;-;-;-
WA01019019;Pferde, a.n.g., lebend (bis 2011)
St;2858;1399,4;129898;179120;1121;489,8;5304;7438
WA01019030;Esel, lebend (bis 2011) St;1;0,3;0;0;11;2,2;3;5
WA01019090;Maultiere und Maulesel, lebend (bis 2011) St;-;-;-;-;-;-;-;-
WA01021010;Färsen als reinrassige Zuchttiere (bis 2011)
St;91504;48565,0;161428;223932;4218;2312,1;6628;9077
WA01021030;Kühe als reinrassige Zuchttiere (bis 2011)
St;11080;6190,0;16686;23283;2635;1614,0;3716;5193
WA01021090;Rinder als reinrassige Zuchttiere (bis 2011)
St;1857;893,6;3180;4462;333;121,7;1328;1829

```

Ab 2009:

Ab Berichtsmonat Januar 2009 wurde das Aufbereitungs- und Veröffentlichungssystem der Außenhandelsstatistik modernisiert. Im Rahmen dieser Umstellung sind die Außenhandelsdaten vor Januar 2009 - aufgrund neuer Geheimhaltungsregelungen und neuer Zuschätzverfahren für Meldeausfälle und Warenverkehre unterhalb der Schwellengrenze - nur eingeschränkt vergleichbar.

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Stand: 24.07.2012 / 10:06:18]]></tabellenDaten>

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