

RHAPI for requesting data processed by RenH.online

The commands can be requested via a web service in JSON format.

The WDSL of this web service can be found at:

https://renh.online/RHAPI_WEB/awws/RHAPI.awws?wsdl

There is an IsActive function without parameters with which you can test whether the RHAPI is active. You will receive a True or 1 if this is the case.

You can use the function (RHDataService) to request data. This function has 1 parameter and this must be sent as JSON format in EncodeBase64.

The layout of the JSON structure is as follows.

APIGuid	The API Guid you received from RenH
Action	GetAPIFunctions (These functions provide the API functions assigned to your database GUID)

Sample JSON request for retrieving GetArticles:

```
{  
  "APIGuid": "{027r17o9375075074398}",  
  "Action": "GetArticles",  
  "FromDate": "20240711"  
}
```

Sample JSON request for querying GetDayTurnover:

```
{  
  "APIGuid ": "{o27r17o9375075074398}",  
  "Action": " GetDayTurnover",  
  "FromDate": "20240711" ,  
  "TillDate": "20240711"  
}
```

RHAPI Responses:

You will get a JSON (EncodeBase64) back as a response. The JSON now has at least 4 fields filled in:

Status

Answer

ErrorString

Records

Status	Answer	Explanation
Not Ok	The specified Guid is not correct or this Guid is blocked!	No valid Guid
Not Ok	Action is incorrect.	Action unknown
Not Ok	No records found!	No records found.
Not Ok	Request incorrect	JSON is not correct
Ok	There are xxx records exported.	There are xxx number of records exported in JSON format

Example JSON export:

```
{
  "Status": "Ok",
  "Answer": " There are 1 records exported from table TblArtikelen with date selection from 11-07-2024 till 12-07-2024 ",
  "ErrorString": "",
  "Records":
  {
    "Status": "Ok",
    "Answer": " There are 1 records exported from table TblArtikelen with date selection from 11-07-2024 till 12-07-2024 ",
    "ErrorString": "",
    "Records": {
      "TblArtikelen": [
        {
          "TblArtikelnr": 1,
          "Omschrijving1": "JONATHAN KIPPEVELLEN 1",
          "Omschrijving2": "",
          "Omschrijving3": "Groente soep",
          "TblSubgroepnr": 6513,
          "InhoudOmschrijving": "",
          "ConsumentenPrijs1": 0,
          "Inhoud": 0,
          "Leverancier1": 0,
          "Leverancier2": 0,
          "Leverancier3": 0,
          "Leverancier4": 0,
          "Leverancier5": 0,
          "BtwKode": 2,
          "**** ALLE VELDEN WORDEN IN DE JSON GEZET ****",
          "APIUpdatedatum": "2024-07-12T13:39:42.000"
        }
      ]
    }
  },
  "NbRecords": 1
}
```

Datum: 13-11-2024

Status	You will receive the status in response
Answer	This contains the explanation of the status
ErrorString	This contains the detailed error message from RenH
NbRecords	The number of records exported.
Records	Here are the records