



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](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": "{o27r17o9375075074398}",  
    "Action": "GetArticles",  
    "FromDate": "20240711"  
}
```



Sample JSON request for querying GetDayTurnover:

```
{  
    "APIGuid": "{027r17o9375075074398}",  
    "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  
ErrorResponse  
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  
    }  
}
```

|             |  |
|-------------|--|
|             |  |
| 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                               |
|             |  |