

## “CreditReporting” REST/JSON service

### Interface #9: getAllCompletedOrders

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*Purpose:* Getting a list of orders completed within specified interval of time.

Interface address : <https://online.igkservice.lv/rscr/getAllCompletedOrders>

Request method : POST

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## 1. Request structure

### 1.1. Request parameters:

Parameter name	Type	Required	Explanation
completedFromDate	number*	yes	timestamp the observed interval started
completedToDate	number*	yes	timestamp the observed interval ended

\* XMLGregorianCalendar value in json

### 1.2. Request sample:

```
{
  "completedFromDate": 1589966110065,
  "completedToDate": 1590138910065
}
```

## 2. Response structure

### 2.1. Response parameters:

Parameter name	Type	Required	Explanation
getAllCompletedOrdersResult	object	yes	
responseCode	string	yes	see "3.2. Application response codes"
responseText	string	yes	details for "responseCode", see 3.2.
completedOrders	object	no	
completedOrderStatus	object []	yes	
providerPartyID	string	yes	always "IGK-LV"
providerOrderReference	string	yes	IGK order reference
consumerOrderReference	object	yes	Customer's order reference
statusCode	object	yes	{FINISHED, FINISHED_NEGATIVE, CANCELLED}

### 2.2. Response sample

```
{
  "getAllCompletedOrdersResult": {
    "responseCode": "OK",
    "responseText": "OK",
    "completedOrders": {
      "completedOrderStatus": [{
        "providerPartyID": "IGK-LV",
        "providerOrderReference": "B-LV-200520163919.72",
        "consumerOrderReference": 12345,
        "statusCode": "FINISHED_NEGATIVE"
      }, {
        "providerPartyID": "IGK-LV",
        "providerOrderReference": "I-LV-200520160048.71",
        "consumerOrderReference": 23456,
        "statusCode": "FINISHED"
      }
    ]
  }
}
```

## 3. Response status codes

### 3.1. Http response status codes:

Status code	Description	Explanation
200	ok	Successful or correct return
400	Bad request	Error in request, see "responseCode Text" for details
303	See other	Cannot process, see "responseCode Text" for details
500	Server Error	Service error, see "responseCode Text" for details

### 3.2. Application response codes

responseCode / responseText	Explanation
OK / OK	Successful return
NoOrdersAvailable/ No orders available in period {<from-timestamp>, <to-timestamp>}	Correct return: nothing was found
BadRequest / - No "authHeader" httpHeader. - Cannot unmarshal "authHeader" to JSON object. - AuthHeader: username is not set. - AuthHeader: password is not set. - "CompletedFromDate" mandatory value is not set. - "CompletedToDate" mandatory value is not set. - "CompletedToDate" has wrong value: "<value-from-request>".	Incorrect request parameters
ServerError / <program exception message>	Unexpected program error

## 4. Authentication

Authentication should be provided by the client in "authHeader" header of the request - as JSON presentation of AuthHeader object.

```
public class AuthHeader {  
    String username, password;  
    public String toJsonString() {  
        return "{\"username\":\""+username+"\", \"password\":\""+password+"\"}";  
    }  
}
```

Example of the client code:

```
Client client = ClientBuilder.newClient();  
WebTarget webTarget = client.target(BASE_URI);  
WebTarget resource = webTarget.path("get̄AllCompletedOrders");  
Invocation.Builder builder = resource.request(MediaType.APPLICATION_JSON);  
builder.header("authHeader", _authHeader.toJsonString());
```

.end