

# How-to Guide: Connecting to IFB System Using cURL

Transaction ID: 751

API Key: eQyzx-1B29Q-oyZgT-SLCvR-rQF6Y

## Objective:

This guide will demonstrate how to send a request to the IFB Banking System at using cURL. By doing so, you'll retrieve detailed transaction information, including transaction details, coordinates, and status. The integration ensures direct communication with our platform.

**Note:** The API Key will be invalidated after the transaction is complete for security purposes. A new document will be provided with the updated API Key when needed.

## Step 1: Ensure cURL is Installed

Before proceeding, ensure that cURL is installed on your system. You can verify this by running the following command:

```
curl --version
```

If it's not installed, follow the instructions for your OS to install it.

## Step 2: Send the Request

Use the following cURL command to send the request programmatically:

```
curl -d 'api_key=eQyzx-1B29Q-oyZgT-SLCvR-rRF3Y' -d 'transaction_id=751' https://api-services.infiba.com/soap/get\_transaction\_by\_id\_curl.php
```

## Explanation of the Command:

- `-d 'api_key= eQyzx-1B29Q-oyZgT-SLCvR-rQF6Y':`  
This flag sends the API Key as part of the request body
- `-d 'transaction_id=751':`  
This flag sends the transaction ID as part of the request body
- The URL [https://api-services.infiba.com/soap/get\\_transaction\\_by\\_id\\_curl.php](https://api-services.infiba.com/soap/get_transaction_by_id_curl.php) is the endpoint for retrieving the transaction details.

## Step 3: Review the Response

Once the command is executed, cURL will display the response from the IFB Banking System in the terminal. This response will include:

- **Transaction Details:** Specific information about the requested transaction.
- **Coordinates:** Location or other relevant metadata related to the transaction.
- **Status:** The current status of the transaction (e.g., pending, completed, settled).

## Step 4: Adjustments Based on Your Environment

Depending on the OS or terminal you're using, slight adjustments might be needed for the cURL command. Ensure that the payload remains the same, but the way it's executed might vary between systems.

## Step 5: Verifying the Connection

This process confirms that your system is successfully communicating with the IFB Banking System. The response will provide all necessary transaction details, ensuring the transaction initialization and settlement processes are correctly integrated and functioning as expected.

### Example:

For a successful response, you will receive output in JSON format or another relevant format displaying the transaction data. If there is an error, you'll receive a message describing the issue.

```
{
  "jsonrpc": "2.0",
  "method": "none",
  "params": [
    {
      "data": "{1:Header Information (Sender's and Receiver's BIC)} {2:Message Type and Priority} {3:{119:Processing Type}{108:Message Function and Reference}{121:Unique Transaction Identifier}} {4::20:Transaction Reference Number:23B:Bank Operation Code:32A:Value Date, Currency, and Amount:33B:Currency/Instructed Amount:50K:Ordering Customer (Account Number, Name, Address):59:Beneficiary Customer (IBAN, Name, Address):70:Remittance Information:71A:Details of Charges}"
    }
  ],
  "id": 1
}
```

This guide serves as a practical example of using cURL for interacting with the IFB Api

```
williamcullen@MacBook-Pro test-sftp % curl -d 'api_key=eQyzz-1B29Q-oyZgT-SLCvR-rRF3Y' -d 'transaction_id=751' https://api-services.bhprivategroup.c
om/soap/get_transaction_by_id_curl.php
#####
Time: 12/16/2024 17:15
Transaction ID: 751
API Key: eQyzz-1B29Q-oyZgT-SLCvR-rRF3Y
#####
Response Message: Success
Transaction Date: 2024-11-10T04:54:09
Transaction ID: 751
Transaction Type: DEBIT
Transaction Description: Outgoing Wire Transfer - PT.INDONESIA INTL ENERGY RESOURCES - UKAB-14203477-MTN032
Transaction Currency: EUR
Transaction Amount: 285396417
Transaction Type ID: 4
Transaction Status:

pending
Current Balance: 11,243,974,353.00
Available Balance: 5,995,377,761.00
#####
object(stdClass)#2 (3) {
  ["ResponseCode"]=>
  string(1) "0"
  ["ResponseMessage"]=>
  string(7) "Success"
  ["TransactionArray"]=>
  array(1) {
    [0]=>
    object(stdClass)#3 (10) {
      ["TransactionDate"]=>
      string(19) "2024-11-10T04:54:09"
      ["TransactionID"]=>
      int(751)
      ["TransactionType"]=>
      string(5) "DEBIT"
      ["TransactionDescription"]=>
      string(82) "Outgoing Wire Transfer - PT.INDONESIA INTL ENERGY RESOURCES - UKAB-14203477-MTN032"
      ["TransactionCurrency"]=>
      string(3) "EUR"
      ["TransactionAmount"]=>
      float(285396417)
      ["TransactionTypeID"]=>
      string(1) "4"
      ["TransactionStatus"]=>
      string(7) "pending"
      ["CurrentBalance"]=>
      string(17) "11,243,974,353.00"
      ["AvailableBalance"]=>
      string(16) "5,995,377,761.00"
    }
  }
}
#####
```