



Swiss Bank Master API v3

<https://www.six-group.com/>

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Chapter 1. Introduction

The Swiss Bank Master API allows to access master data required for electronic payments in Switzerland. All participants connected to the Swiss payment systems SIC and euroSIC are listed. The data is centrally administered by SIX Interbank Clearing, updated daily and published in various electronic formats.

All the details published through the Swiss Bank Master API are based on information provided by the respective banks/institutions.

BIC are the property of SWIFT SCRL, 1310 La Hulpe, Belgium.

Information available through the API may be used freely. SIX assumes no responsibility for the completeness of this information, nor for any damages from actions taken based on this information. SIX reserves the express right to change or delete this information from its website at any time.

1.1. Changelog

- 2023-11-10 3.0
 - Added explicit HEAD method declarations to all endpoints to support downloads that require this.
- 2025-05-06
 - Removed bankmaster v2 as it is decommissioned by November 2025
 - Converted from swagger 2.0 to openapi 3.0.2 schema.
- 2025-09-23 3.1
 - Added iban validation endpoint.

Chapter 2. Endpoints

2.1. Bankmaster

2.1.1. getBankmaster

GET /bankmaster

Bank master data as JSON object.

Description

Bank master data as JSON object.

Parameters

Query Parameters

Name	Description	Required	Default
prettyPrint	Flag indicating whether the response is pretty printed. Example: true	-	true

Return Type

[Section 3.4, “BankMasterJsonResponse”](#)

Content Type

- application/json

Responses

Table 1. HTTP Response Codes

Code	Message	Datatype
200	Bank master data as JSON object.	Section 3.4, “BankMasterJsonResponse”
0	Unexpected error.	Section 3.9, “Problem”

Samples

2.1.2. getBankmasterCsv

GET /bankmaster_V3.csv

Bank master data file in the CSV format.

Description

Bank master data file in the CSV format, with header row. The CSV file contains UTF-8 encoded characters (important e.g. for umlauts and Euro sign).

Parameters

Return Type

-

Content Type

- text/csv

Responses

Table 2. HTTP Response Codes

Code	Message	Datatype
200	Bank master data file in the CSV format.	
0	Unexpected error.	Section 3.9, “Problem”

Samples

2.1.3. getBankmasterJson

GET /bankmaster.json

Bank master data as JSON object.

Description

Bank master data as a JSON object.

Parameters

Query Parameters

Name	Description	Required	Default
prettyPrint	Flag indicating whether the response is pretty printed. Example: true	-	true

Return Type

[Section 3.4, “BankMasterJsonResponse”](#)

Content Type

- application/json

Responses

Table 3. HTTP Response Codes

Code	Message	Datatype
200	Bank master data as JSON object.	Section 3.4, “BankMasterJsonResponse”
0	Unexpected error.	Section 3.9, “Problem”

Samples

2.1.4. headBankmaster

HEAD /bankmaster

Bank master data as JSON object (only head, no content).

Description

Bank master data as JSON object (only head, no content).

Parameters

Return Type

-

Responses

Table 4. HTTP Response Codes

Code	Message	Datatype
200	Content can be downloaded with GET method.	
0	Unexpected error.	

Samples

2.1.5. headBankmasterCsv

HEAD /bankmaster_V3.csv

Bank master data file in the CSV format (only head, no content).

Description

Bank master data file in the CSV format, with header row. The CSV file contains UTF-8 encoded characters (important e.g. for umlauts and Euro sign) (only head, no content).

Parameters

Return Type

-

Responses

Table 5. HTTP Response Codes

Code	Message	Datatype
200	Content can be downloaded with GET method.	
0	Unexpected error.	

Samples

2.1.6. headBankmasterJson

HEAD /bankmaster.json

Bank master data as JSON object (only head, no content).

Description

Bank master data as a JSON object (only head, no content).

Parameters

Return Type

-

Responses

Table 6. HTTP Response Codes

Code	Message	Datatype
200	Content can be downloaded with GET method.	
0	Unexpected error.	

Samples

2.2. Healthcheck

2.2.1. getHealthCheckForGet

GET /healthcheck

Health check using GET method

Description

Returns a status message of the system.

Parameters

Return Type

[Section 3.6, “HealthCheckResponse”](#)

Content Type

- application/json

Responses

Table 7. HTTP Response Codes

Code	Message	Datatype
200	Healthcheck successful	Section 3.6, “HealthCheckResponse”
0	Unexpected error.	Section 3.9, “Problem”

Samples

2.2.2. headHealthCheckForGet

HEAD /healthcheck

Health check using GET method (only head, no content)

Description

Returns a status message of the system (only head, no content).

Parameters

Return Type

-

Responses

Table 8. HTTP Response Codes

Code	Message	Datatype
200	Content can be downloaded with GET method.	
0	Unexpected error.	

Samples

2.3. Iban

2.3.1. getIbanInformation

GET /iban

GET IBAN information

Description

Validates the international bank account number (IBAN) and returns detail information if available.

Parameters

Query Parameters

Name	Description	Required	Default
iban	International bank account number (IBAN) parameter of the API call. Minimum length: 10 Maximal length: 100 Example: CHpp bbbb bkkk kkkk kkkk k	X	null

Return Type

[Section 3.8, “IbanResponse”](#)

Content Type

- application/json

Responses

Table 9. HTTP Response Codes

Code	Message	Datatype
200	IBAN information	Section 3.8, <i>“IbanResponse”</i>
0	Unexpected error.	Section 3.9, <i>“Problem”</i>

Samples

Chapter 3. Models

3.1. *BankMaster*

Field Name	Required	Nullable	Type	Description	Format
iid	X		integer	Each bank / financial institution is identified by an IID (institution identification). IIDs are three to five digits long. QR-IIDs consist exclusively of numbers from 30000 to 31999. Example: 9703	
validOn	X		string	Date to which the information in a record applies. This date (written as per ISO8601 standard) is identical for all records. Example: Mon Jan 23 01:00:00 CET 2023	date
entryType	X		[String]	"New IID/QR-IID" must be used instead of "IID / QR-IID" if entryType is BankMasterConcatenated. Example: BankMaster	Enum: BankMasterConcatenated BankMaster +
sicId			string	This is always a 6-digit number and may be used only by SIC and euroSIC participants. Minimum length: 6 Maximal length: 6 Example: 097031	
headQuarters			integer	IID of the headquarters of this participant. If this is the record of the headquarters itself, then this field contains the same value as the field IID. Example: 9703	

Field Name	Required	Nullable	Type	Description	Format
iidType			[String]	Provides information as to the respective type of entry. Example: HEADQUARTERS	<i>Enum:</i> HEADQUARTERS MAIN_BRANCH QR_IID +
qrIidBelongsTo			integer	IID of the bank/financial institution to which this QR IID is assigned to. It only contains a value, if the field iidType contains a QR_IID. Otherwise the field is empty. Example: 9950	
bankOrInstitutionName	X		string	Name of participant Notice: + at the beginning of the name of the bank/institution = in liquidation ++ at the beginning of the name of the bank/institution = alternation of purpose Minimum length: 1 Maximal length: 60 Example: Schweizerische Nationalbank	
streetName			string	Street of domicile address Maximal length: 35 Example: Bundesplatz	
buildingNumber			string	Building number of domicile address Maximal length: 16 Example: 55a	

Field Name	Required	Nullable	Type	Description	Format
postCode			string	Zip code/postcode Minimum length: 1 Maximal length: 16 Example: 3003	
townName			string	City Minimum length: 1 Maximal length: 35 Example: Bern	
country			string	2-digit alphabetical country code according to the ISO standard 3166. Maximal length: 2 Example: DE	
bic			string	BIC Formatted (XXXXXXXXXX) (= 11-digit) Minimum length: 11 Maximal length: 11 Example: SNBZCHZZXXX	
sicParticipation	X		boolean	Participation in SIC. Example: true	
rtgsCustomerPaymentsChf	X		boolean	Available for RTGS customer payments. Example: true	
ipCustomerPaymentsChf	X		boolean	Available for IP customer payments. Example: true	
euroSicParticipation	X		boolean	Participation in euroSIC. Example: true	
lsvBddChfParticipation	X		boolean	Participation in LSV+/BDD in CHF (as debtor FI). Example: true	

Field Name	Required	Nullable	Type	Description	Format
lsvBddEurParticipation	X		boolean	Participation in LSV+/BDD in EUR (as debtor FI). Example: true	

3.2. BankMasterBase

Field Name	Required	Nullable	Type	Description	Format
iid	X		integer	Each bank / financial institution is identified by an IID (institution identification). IIDs are three to five digits long. QR-IIDs consist exclusively of numbers from 30000 to 31999. Example: 9703	
validOn	X		string	Date to which the information in a record applies. This date (written as per ISO8601 standard) is identical for all records. Example: Mon Jan 23 01:00:00 CET 2023	date
entryType	X		[String]	"New IID/QR-IID" must be used instead of "IID / QR-IID" if entryType is BankMasterConcatenated. Example: BankMaster	Enum: BankMasterConcatenated BankMaster +

3.3. BankMasterConcatenated

Field Name	Required	Nullable	Type	Description	Format
iid	X		integer	Each bank / financial institution is identified by an IID (institution identification). IIDs are three to five digits long. QR-IIDs consist exclusively of numbers from 30000 to 31999. Example: 9703	
validOn	X		string	Date to which the information in a record applies. This date (written as per ISO8601 standard) is identical for all records. Example: Mon Jan 23 01:00:00 CET 2023	date
entryType	X		[String]	"New IID/QR-IID" must be used instead of "IID / QR-IID" if entryType is BankMasterConcatenated. Example: BankMaster	Enum: BankMasterConcatenated BankMaster +
newIid	X		integer	If this field contains a number, the IID/QR IID is no longer valid (e.g. due to a merger) and is to be replaced by the "New IID" (so-called concatenation). Example: 9950	

3.4. BankMasterJsonResponse

Field Name	Required	Nullable	Type	Description	Format
totalSize	X		integer	The total count of records in the entries list. Example: 42	

Field Name	Required	Nullable	Type	Description	Format
validOn	X		string	Master data is edited and published on a daily basis. Therefore the data is valid on that exact date only. Example: Mon Jan 23 01:00:00 CET 2023	date
readTime	X		string	Date and time (according to ISO 8601) at which this response was created. Example: 2023-01-21T10:52:05.190495700+01:00	date-time
entries	X		array of Section 3.2 , “BankMasterBase”		

3.5. *GenericObject*

Structured type that contains an object and its type.

Field Name	Required	Nullable	Type	Description	Format
@type	X		string	The field "@type" contains a URI/name identifying the type. Example: types.example.com/standard/id	
data	X		object	An object of type @type containing custom fields. Example: -	

3.6. *HealthCheckResponse*

Field Name	Required	Nullable	Type	Description	Format
message	X		string	Response message from health check. Maximal length: 100 Example: The health check GET request was successfully received and processed.	
requestDateTime	X		string	According to RFC3339, section 5.6 in ISO 8601 with timezone and milliseconds. Example: 2023-01-21T10:52:05.190495700+01:00	date-time
receivedHeaders	X		array of [HealthCheckResponse_receivedHeaders_inner]		
environmentStage	X		string	The instance to which the request was sent to. Example: x	
applicationVersion	X		string	The version of the API backend. Example: 4.5.0-julia	
apiVersion	X		string	The version of the API. Example: 1.0.23	

3.7. *HealthCheckResponseReceivedHeadersInner*

Field Name	Required	Nullable	Type	Description	Format
headerName			string	The name of the provided header. Example: Accept	
headerValue			string	As received Example: application/json	

3.8. *IbanResponse*

IBAN validation result and IID if available.

Field Name	Required	Nullable	Type	Description	Format
validationResult	X		string	Validation result. Possible values: - OK # This IBAN is formally correct - INVALID_COUNTRY_CODE # This IBAN has an invalid country code - INVALID_LENGTH # This IBAN has an invalid length - INVALID_FORMAT, # This IBAN is formally incorrect according to ISO-13616-1 - INVALID_CHECKSUM # This IBAN has an invalid checksum - INVALID_IID # This IBAN has an invalid CH or LI institution identification (IID) +	
iid			integer	Each bank / financial institution is identified by an IID (institution identification). IIDs are three to five digits long. QR-IIDs consist exclusively of numbers from 30000 to 31999. Example: 9703	

3.9. *Problem*

Field Name	Required	Nullable	Type	Description	Format
type			string	<p>An absolute URI that identifies the problem type. We may provide human-readable documentation for the problem type in the future, when the URI is dereferenced.</p> <p>Example: /problems/REQUEST_PARAMETER_VALIDATION_FAILED</p>	uri
title	X		string	<p>A short, human readable summary of the problem type.</p> <p>Example: Request parameter has missing or invalid values</p>	
status	X		integer	<p>The HTTP status code generated by the origin server for this occurrence of the problem.</p> <p>Example: 400</p>	int32
detail	X		string	<p>A human readable explanation specific to this occurrence of the problem.</p> <p>Example: The submitted request contains invalid or missing request parameters which cannot be processed.</p>	
instance			string	<p>An absolute URI that identifies the specific occurrence of the problem. It may or may not yield further information if dereferenced.</p> <p>Example: /api/epcd/bankmaster/v3/public/errors/EPCD0090000001/provided-D</p>	uri

Field Name	Required	Nullable	Type	Description	Format
metadata			Section 3.5, <i>“GenericObject”</i>		