|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **API-CardClearing** | | |  | |
|  | | | | |
|  |  |  | |  |
| **Version** | BiB-v1.8 |  | |  |
| **Reference** | S-money-API-CardClearing | | | |

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# REVISION History

|  |  |  |
| --- | --- | --- |
| **Version / revision** | **Author** | **Description** |
| BiB-v1.1 |  | 1st version of the doc for BiB |
| BiB-v1.2 | Hadrien Lecoq | Add Revision Table  Replace MCC List Minor Corrections |
| BIB-v1.3 | Yassine Bouafif | Update Clearing report  Add direction & clearing\_date |
| BIB-v1.4 | Hadrien Lecoq | Currency Code Revision  Example Update  Time zone details |
| BIB-v1.5 | Hadrien Lecoq | Example Update Correction  Time zone Correction |
| BIB-v1.6 | Bruno Monteiro | Update Callback format |
| BIB-V1.7 | Hadrien Lecoq | Correction Clearing Date |
| BIB-V1.8 | Hadrien Lecoq | Add About this document Correction |

# About this document

This document describes the clearing report and how to retrieve it.   
The clearing report is generated each time the transaction file transmitted by Natixis is received and processed.

# Ressources

## ClearingBatch

Clearing batch results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Property** | **Type** | **Format** | **Exemple** | **Description** |
| callback\_type | int | N(19) | 24 | 24 for card clearing |
| batch\_reference | Long | N(19) | 412 | Batch reference |
| clearings | List<Clearing> |  |  | List of clearing elements |

## Clearing

Clearing data for a single card operation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Property** | **Type** |  | **Exemple** | **Description** |
| card\_operation\_reference | String | X(255) | "S-money\_123456" | Thirdparty card operation ID |
| card\_operation | CardOperation |  |  | Details of the card operation |

## cardoperation

Details of the clearing data for a single card operation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Property** | **Type** | **Format** | **Exemple** | **Description** |
| authorization\_reference | string | X(255) | 12345620180505 | Authorization unique reference |
| card\_identifier | string | X(255) | Abc123 | Thirdparty card ID |
| amount | long | X(19) | 2000 | Transaction amount (in cents) |
| date | DateTime | D(yyyy-MM-dd'T'HH:mm:ss.SSS'Z') | 2020-09-17T08:52:28.087Z | Date and Time the authorization was processed into the system Smoney  Time zone reference =  Zulu Time (UTC+0) |
| merchant\_name | string | X(255) | DummyShop | Card acceptor Name |
| merchant\_category\_code | int | N(4) | 3007 | Merchant category code |
| financial\_network\_code | string | X(255) | VISA | Cards network |
| original\_amount | long | N(19) | 20040 | Amount before exchange, in the smallest currency division |
| currency | string | X(3) | EUR | Currency code ISO 4217 |
| exchange\_rate | Decimal | D(30,8) | 1,23456 | Exchange rate, 1 if euro |
| merchant | Merchant |  |  | Merchant name and address |
| type\_code | string | X(2) | 00 | Transaction description |
| pos\_entry\_mode | string | X(255) |  | POS capability ISO8583 |
| operation\_type | int | N(19) | 507 | 504 CardOperation\_In  505 CardOperation\_Out  510 CardOperation\_In\_Refund  511 CardOperation\_Out\_Refund  516 ATM\_Out  517 ATM\_Out\_Refund |
| operation\_status | int | N(10) | 1 | Operations status  1 = Completed  2 = Refunded  5 = Cancelled |
| service\_fee | int | N(19) | 5 | Service fee amount in cents |
| direction | Int | N(1) | 1 | 1 = in  2 = out |
| clearing\_Date | DateTime | D(yyyy-MM-dd'T'HH:mm:ss.SSS'Z') | 2020-09-17T13:11:05.36Z | Clearing Date and Time  Time zone reference =  Zulu Time (UTC+0) |

## Merchant

Merchant details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Property** | **Type** | **Format** | **Exemple** | **Description** |
| name | string | X(255) | DummyShop | Merchant name and address |
| street | string | X(255) | dummystr. 1 | Merchant address complement |
| city | string | X(255) | Munich | Merchant city |

# Get A clearing file

**Request**

GET

{{URL}}/cardoperations/clearingreport/{clearingfileid}

**Response**

{

    "callback\_type": 24,

    "batch\_reference": 1444,

    "clearings": [

        {

            "card\_operation\_reference": "S-MONEY-CA797793",

            "card\_operation": {

                "authorization\_reference": "79779320200917",

                "card\_identifier": "GP\_C\_001",

                "amount": 110,

                "date": "2020-09-17T08:52:28.087Z",

                "merchant\_name": "Hot Burger\\Puteaux 92",

                "merchant\_category\_code": 5814,

                "financial\_network\_code": "VISA",

                "original\_amount": 110,

                "currency": "EUR",

                "exchange\_rate": 1.0,

                "merchant": {

                    "name": "Hot Burger",

                    "street": "",

                    "city": "Puteaux 92"

                },

                "type\_code": "00",

                "pos\_entry\_mode": "0",

                "operation\_type": 505,

                "operation\_status": 1,

                "service\_fee": 0,

                "direction": 2,

                "clearing\_date": "2020-09-17T13:11:05.36Z"

            }

        }

    ]

}

# Callback

|  |  |  |
| --- | --- | --- |
| **Paramètre** | **Type** | **Description** |
| id | long | S-money internal Id |
| reference | String | Batch file reference to retrieve the operations of the clearing report with the API |
| type | Int | Callbacks card clearing = 24 |

**Example:**

POST / HTTP/1.1

Host: PartnerCallbackUrl

Id: 49a09685-7ece-48c6-a712-b2e9fa4143c2

CallbackType: 24

Version: 1.0

Content-Type: application/json

Payload:

{

"id":"1525",

"reference":"1525",

"type":"24"

}

# Annexes

## Merchant category codes

