



# **Skrill (Moneybookers)**

Integration Guide

Version 6.2.3

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## Document history

| Date       | Name        | Change                                     |
|------------|-------------|--------------------------------------------|
| 13.12.2017 | Peter Posse | Format restrictions for AccOwner added     |
| 25.08.2017 | Peter Posse | Credit and Batch added                     |
| 14.02.2017 | Peter Posse | TransactionID added                        |
| 04.10.2016 | Peter Posse | First version based on Paygate Manual 6.10 |

# ABOUT SKRILL (MONEYBOOKERS)

## General information about Skrill (MoneyBookers)

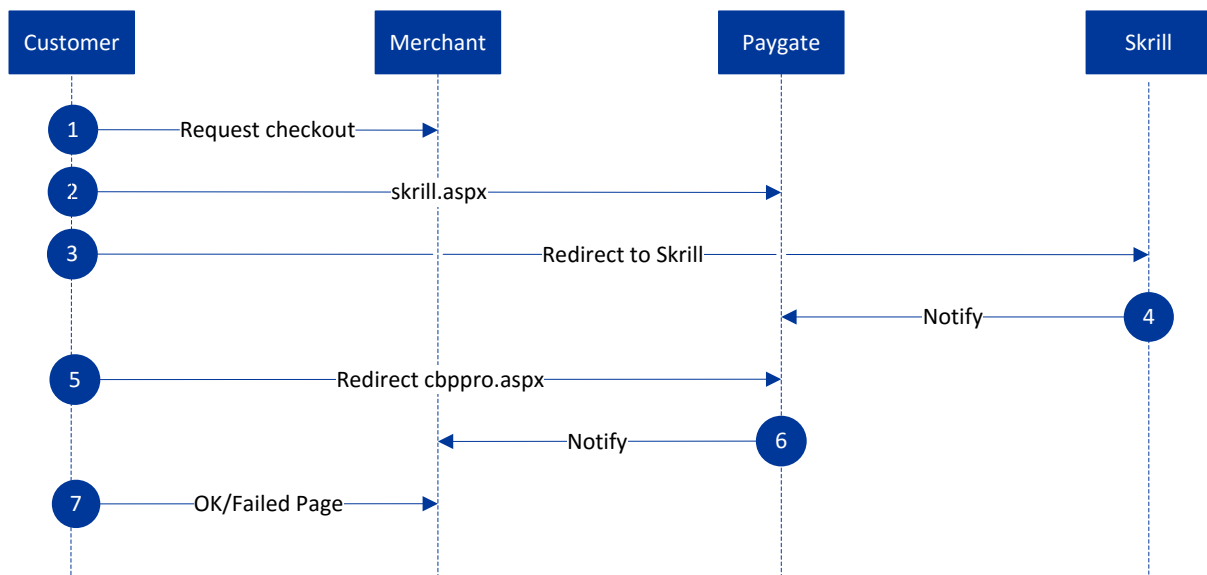
Skrill from Moneybookers, which now has around 21 million, mostly younger account holders from the gaming sector, ranks alongside PayPal as one of the world's largest wallet systems for online payments. Skrill is available in 200 countries with 41 currencies and offers merchants a payment guarantee without chargebacks as well as the possibility to process credits (refunds).



Skrill enables customers to make and receive payments without having to disclose personal financial data. Skrill is operated by Moneybookers Ltd. and Moneybookers USA Inc..

Further information can be found on the webpage of Skrill (<http://corporate.skrill.com/>).

## Process flow chart



Skrill process flow

# PAYGATE INTERFACE

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## Definitions

Data formats:

| Format | Description                                      |
|--------|--------------------------------------------------|
| a      | alphabetical                                     |
| as     | alphabetical with special characters             |
| n      | numeric                                          |
| an     | alphanumeric                                     |
| ans    | alphanumeric with special characters             |
| ns     | numeric with special characters                  |
| bool   | boolean expression (true or false)               |
| 3      | fixed length with 3 digits/characters            |
| ..3    | variable length with maximum 3 digits/characters |
| enum   | enumeration of allowed values                    |
| dtm    | ISODateTime (YYYY-MM-DDhh:mm:ss)                 |

Abbreviations:

| Abbreviation | Description |
|--------------|-------------|
| CND          | condition   |
| M            | mandatory   |
| O            | optional    |
| C            | conditional |

**Notice:** Please note that the names of parameters can be returned in upper or lower case.

## Payment with Skrill via Paygate form interface

To make a Skrill payment via PPRO over a Paygate form, go to the following URL:

<https://www.computop-paygate.com/skrill.aspx>

**Notice:** For security reasons, Paygate rejects all payment requests with formatting errors. Therefore please use the correct data type for each parameter.

The following table describes the encrypted payment request parameters:

| Parameter              | Format    | CND | Description                                                                                                                                                                                                                                                                            |
|------------------------|-----------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MerchantID</b>      | ans..30   | M   | MerchantID, assigned by Computop                                                                                                                                                                                                                                                       |
| <b>TransID</b>         | ans..64   | M   | Merchant transaction number, which must be unique                                                                                                                                                                                                                                      |
| <b>RefNr</b>           | ns..30    | O   | Unique reference number                                                                                                                                                                                                                                                                |
| <b>Amount</b>          | n..12     | M   | Amount in the smallest currency unit (e.g. EUR Cent)<br>Please contact the helpdesk, if you want to capture amounts <100 (smallest currency unit).                                                                                                                                     |
| <b>Currency</b>        | a3        | M   | Currency, three digits DIN / ISO 4217 Only EUR is permissible.                                                                                                                                                                                                                         |
| <b>MAC</b>             | an64      | M   | Hash Message Authentication Code (HMAC) with SHA-256 algorithm                                                                                                                                                                                                                         |
| <b>OrderDesc2</b>      | ans..768  | M   | Description of delivered products, services etc.                                                                                                                                                                                                                                       |
| <b>URLSuccess</b>      | ans..256  | M   | Complete URL which calls up Paygate if payment has been successful. The URL may be requested only via port 443. This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter <b>UserData</b> .                                  |
| <b>URLFailure</b>      | ans..256  | M   | Complete URL which calls up Paygate if payment has been unsuccessful. The URL may be requested only via port 443. This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter <b>UserData</b> .                                |
| <b>Response</b>        | a7        | O   | Status response sent by Paygate to <b>URLSuccess</b> and <b>URLFailure</b> , should be encrypted. For this purpose, transmit <b>Response=encrypt</b> parameter.                                                                                                                        |
| <b>URLNotify</b>       | ans..256  | M   | Complete URL which Paygate calls up in order to notify the shop about the payment result. The URL may be requested only via port 443. It may not contain parameters: Use the <b>UserData</b> parameter instead.                                                                        |
| <b>UserData</b>        | ans..1024 | O   | If specified at request, Paygate forwards the parameter with the payment result to the shop                                                                                                                                                                                            |
| <b>ReqID</b>           | ans..32   | O   | To avoid double payments, enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction is submitted again with the same ReqID, Paygate will not carry out the payment, but will just return the status of the original transaction. |
| <b>SellingPoint</b>    | ans..50   | O   | Selling point                                                                                                                                                                                                                                                                          |
| <b>Service</b>         | ans..50   | O   | products or service sold                                                                                                                                                                                                                                                               |
| <b>Channel</b>         | ans..64   | O   | configuration channel of the PPRO contract (account and ContractID are stored in the system). If it exists, it may overwrite channels stored in the system                                                                                                                             |
| <b>AccOwner</b>        | ans..50   | M   | Name of account holder.<br>The name has to be in the format <firstname><whitespace><lastname>. Multiple first names are allowed.                                                                                                                                                       |
| <b>AddrCountryCode</b> | a2        | M   | Country code for the account holder's address, 2 characters according to ISO 3166.                                                                                                                                                                                                     |
| <b>Email</b>           | ans..100  | M   | E-Mail address of account holder                                                                                                                                                                                                                                                       |
| <b>AddrStreet</b>      | ans..100  | M   | Street name and house number                                                                                                                                                                                                                                                           |
| <b>AddrZIP</b>         | ans..10   | M   | Post code                                                                                                                                                                                                                                                                              |

|                 |           |   |                                                                                                                                                                                     |
|-----------------|-----------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AddrCity</b> | ans..40   | M | City                                                                                                                                                                                |
| <b>Plain</b>    | ans..50   | O | A value to be set by the merchant to return some information unencrypted, e.g. the MID                                                                                              |
| <b>Custom</b>   | ans..1024 | O | The merchant can submit several values separated by   which are returned un-encrypted and separated by &. Custom=session=123 id=456 will change in the answer to Session=123&id=456 |

Parameters for payments with Skrill (Moneybookers)

The following table describes the result parameters that the Paygate transmits to your **URLSuccess**, **URLFailure** or **URLNotify**. If you have specified the **Response=encrypt** parameter, the following parameters are forwarded Blowfish encrypted to your system:

| Parameter               | Format    | CND | Description                                                                                                                                                                                                        |
|-------------------------|-----------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MID</b>              | ans..30   | M   | MerchantID, assigned by Computop                                                                                                                                                                                   |
| <b>PayID</b>            | an32      | M   | ID assigned by Paygate for the payment, e.g. for referencing in batch files.                                                                                                                                       |
| <b>XID</b>              | an32      | M   | ID for all single transactions for one payment assigned by Paygate                                                                                                                                                 |
| <b>TransID</b>          | ans..64   | M   | Merchant's transaction number                                                                                                                                                                                      |
| <b>RefNr</b>            | ns..30    | O   | Merchant's unique reference number                                                                                                                                                                                 |
| <b>Status</b>           | a..50     | M   | OK in the case of URLSuccess and AUTHORIZE_REQUEST or FAILED in the case of URLFailure                                                                                                                             |
| <b>Description</b>      | ans..1024 | M   | Further details in the event that payment is rejected. Please do not use the <b>Description</b> but the <b>Code</b> parameter for the status analysis!                                                             |
| <b>Code</b>             | n8        | M   | Error code according to Paygate Response Codes Excel file (part of the software client from <a href="http://www.computop.de/manual">www.computop.de/manual</a> )                                                   |
| <b>MAC</b>              | an64      | M   | Hash Message Authentication Code (HMAC) with SHA-256 algorithm                                                                                                                                                     |
| <b>UserData</b>         | ans..1024 | O   | If specified at request, Paygate forwards the parameter with the payment result to the shop                                                                                                                        |
| <b>PaymentPurpose</b>   | ans..26   | M   | Purpose of payment                                                                                                                                                                                                 |
| <b>PaymentGuarantee</b> | a..12     | C   | <b>NONE</b> = no payment guarantee,<br><b>VALIDATED</b> = customer account valid, but no payment guarantee,<br><b>FULL</b> = payment guarantee<br><b>Notice:</b> This parameter is only returned if the Status=OK. |
| <b>ErrorText</b>        | ans..256  | C   | Detailed PPRO error message.<br><b>Notice:</b> Is returned only if Status=FAILED. Use is possible only in agreement with Computop support.                                                                         |
| <b>TransactionID</b>    | an..20    | O   | Unique transaction number from PPRO                                                                                                                                                                                |
| <b>Plain</b>            | ans..50   | O   | A value to be set by the merchant to return some information unencrypted, e.g. the MID                                                                                                                             |
| <b>Custom</b>           | ans..1024 | O   | The merchant can submit several values separated by   which are returned un-encrypted and separated by &. Custom=session=123 id=456 will change in the answer to Session=123&id=456                                |

Return parameters for URLSuccess, URLFailure and URLNotify with Skrill (MoneyBookers)

## Credit with reference

Credits (refunds) are possible via a Server-to-Server connection. For Skrill the Paygate permits only credits with reference to a capture previously made via Paygate. The amount of the Credit is limited to the amount of the previous capture.

To carry out a credit with a reference transaction, please use the following URL:

<https://www.computop-paygate.com/credit.aspx>

**Notice:** For security reasons, Paygate rejects all payment requests with formatting errors. Therefore please use the correct data type for each parameter.

The following table describes the encrypted payment request parameters:

| Parameter         | Format   | CND | Description                                                                                                                                         |
|-------------------|----------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MerchantID</b> | ans..30  | M   | MerchantID, assigned by Computop                                                                                                                    |
| <b>PayID</b>      | an32     | M   | ID assigned by Paygate for the payment to be credited                                                                                               |
| <b>TransID</b>    | ans..64  | M   | TransactionID which should be unique for each payment                                                                                               |
| <b>Amount</b>     | n..12    | M   | Amount in the smallest currency unit (e.g. EUR Cent)<br>Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit). |
| <b>Currency</b>   | a..3     | M   | Currency code, three digits DIN / ISO 4217                                                                                                          |
| <b>MAC</b>        | an64     | M   | Hash Message Authentication Code (HMAC) with SHA-256 algorithm                                                                                      |
| <b>OrderDesc</b>  | ans..768 | O   | Description of refunded goods, unit prices, merchant's comment etc.                                                                                 |

Parameters for credit payments with Skrill via socket connection

The following table describes the Paygate response parameters:

| Parameter            | Format    | CND | Description                                                                                                                                                        |
|----------------------|-----------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MID</b>           | ans..30   | M   | MerchantID, assigned by Computop                                                                                                                                   |
| <b>PayID</b>         | an32      | M   | ID assigned by Paygate for the payment, e.g. for referencing in batch files.                                                                                       |
| <b>XID</b>           | an32      | M   | ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate                                                           |
| <b>TransID</b>       | ans..64   | M   | Merchant's transaction number                                                                                                                                      |
| <b>Status</b>        | a..30     | M   | OK, FAILED or AUTHORIZE_REQUEST                                                                                                                                    |
| <b>Description</b>   | ans..1024 | M   | Further details in the event that payment is rejected. Please do not use the <b>Description</b> but the <b>Code</b> parameter for the transaction status analysis! |
| <b>Code</b>          | n8        | M   | Error code according to Paygate Response Codes Excel file (part of the software client from <a href="http://www.computop.de/manual">www.computop.de/manual</a> )   |
| <b>MAC</b>           | an64      | M   | Hash Message Authentication Code (HMAC) with SHA-256 algorithm                                                                                                     |
| <b>RefNr</b>         | ans..30   | O   | Merchant's unique reference number                                                                                                                                 |
| <b>ErrorText</b>     | ans..128  | O   | Detailed PPRO error message<br><b>Notice:</b> Is returned only if Status=FAILED. Use is possible only in agreement with Computop support.                          |
| <b>TransactionID</b> | an..20    | O   | Unique transaction number from PPRO                                                                                                                                |

Response parameters for credit payments with Skrill via socket connection



# BATCH PROCESSING VIA THE INTERFACE

Basic information about using Batch files and about their structure can be found in the Batch Manager manual.

This section describes the parameters which must be transferred within the data set (**Record**) for executing credits with Skrill and which information can be found within the response file about the payment status.

Following table gives an overview of all batch versions that are possible for a specific action and their specialities:

| Action | Version   | Description                                        |
|--------|-----------|----------------------------------------------------|
| Credit | 1.0 / 2.0 | Standard version without return of parameter Code  |
|        | 1.x / 2.x | with RefNr (valid for all versions other than 1.0) |

Description of the possible batch versions

The structure for a Przelewy24 payment within a Batch file to be submitted is the following:

```
HEAD,<MerchantID>,<Date>,<Version>
SKRILL,Credit,<Amount>,<Currency>,<TransID>,( <RefNr>,) <PayID>
FOOT,<CountRecords>,<SumAmount>
```

The following table describes the individual fields and values used within the data set (record) in the batch file:

| Parameter | Format  | CND | Description                                                                                                                                         |
|-----------|---------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Type      | a..11   | M   | HEAD for Header, FOOT for Footer, Przelewy24 for Przelewy24                                                                                         |
| Action    | a..20   | M   | The parameter Action defines the type of transaction:<br>Credit                                                                                     |
| Amount    | n..12   | M   | Amount in the smallest currency unit (e.g. EUR Cent)<br>Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit). |
| Currency  | a3      | M   | Currency code, three digits DIN / ISO 4217                                                                                                          |
| TransID   | ans..64 | M   | TransactionID which should be unique for each payment                                                                                               |
| RefNr     | ns..30  | O   | Unique reference number                                                                                                                             |
| PayID     | an32    | M   | ID for this transaction given by Paygate                                                                                                            |

Description of fields within the record for Batch files

The record area within the response file for Batch transactions looks the following way:

```
HEAD,<MerchantID>,<Date>,<Version>
SKRILL,Credit,<Amount>,<Currency>,<TransID>,( <RefNr>,) <PayID>,<Status>,<Code>
FOOT,<CountRecords>,<SumAmount>
```

The following table describes the response parameters which the Batch Manager saves in the Record area for each transaction (standard parameters not explained here, such as <TransID> or <RefNR> and request parameters are returned unchanged and correspond to the call as specified before):

| Parameter     | Format | CND | Description                                                                                                                                                      |
|---------------|--------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Action</b> | a..20  | M   | The parameter Action defines the type of transaction:<br>Credit                                                                                                  |
| <b>PayID</b>  | an32   | M   | ID for this transaction given by Paygate                                                                                                                         |
| <b>Status</b> | a..50  | M   | OK or FAILED                                                                                                                                                     |
| <b>Code</b>   | n8     | M   | Error code according to Paygate Response Codes Excel file (part of the software client from <a href="http://www.computop.de/manual">www.computop.de/manual</a> ) |

Description of result parameters within the record for Batch files