MtGox API - Tickets system

3 August 2012 (WIP)

Contents

1 Introduction

As MtGox is currently phasing out the *redeemable codes*, a new method for partners to process funds from customers is required.

MtGox has been working with its partners on a new method that would prevent user errors, make the whole process of withdrawing funds easier and offer more security against money laundering and other abuses.

Please note that the features described in this document are *only* available to partners in contract with MtGox.

Please note that this documentation and the described features are currently *work in progress*, and as such may change in ways not described in this document at anytime. Please contact your KAM at MtGox to obtain the latest version of this document

1.1 Requirements

As various customer details are made available to partners within the scope of this feature, each partner is required to ensure that conditions applying to the transmitted data are respected.

Especially, MtGox's Privacy Policy[1] specifies the scope under which the shared details can be used.

1.2   Process

When a MtGox customer wishes to withdraw funds from MtGox, he will be given different choices. Should the customer choose a partner using this withdraw method, the customer will be redirected to the partner after confirming his withdraw request and accepting the terms explaining that his account's details will be made available to the partner. Note that it is possible for partners to require that only verified users can use this system.

When the customer confirms his withdraw, a ticket is created holding the withdrew amount, and that ticket is forwarded to the partner through the user himself. Two key elements are provided: the ticket id (passed via GET to the URL provided by the partner) and the ticket key (passed via POST). The partner must ensure that the ticket key is not to be found in the URL in order to ensure access to the browser's history will not allow access to this information.

Once on the partner's website, the customer has the ability to choose the destination of the withdrew funds. From the ticket id and key, the partner can access various details through the API:

- Basic account details, including the user name, email and account ID

- Withdraw amount and currency

- Date of request, and expiration date

- Advanced account details, specifying if the user is verified and how

Once the partner has confirmed the transfer with the user and verified that everything is in order, the partner should confirm the transaction to the user, and must provide a link back to MtGox.

Before starting to process the transaction but after verifying that all the required details are provided, the partner must settle the ticket, thru crediting his own MtGox account and ensuring that the ticket will not expire.

At this step, the partner must also provide a short description to display in the customer's account history.

During the processing of the transaction, the partner may provide updates to the customer, that will appear in the customer's account history on MtGox.

---

[1]Available at `https://mtgox.com/privacy_policy`

2 API

2.1 User side

Only a few API are provided to the user.

2.1.1 Create ticket

`https://mtgox.com/api/1/generic/ticket/create`

Parameters:

partner The ID of the partner this ticket should be available to

amount_int Amount to withdraw in smallest currency unit

amount Amount to withdraw as decimal, can be used in place of amount_int

currency Current in which the funds should be withdrawn

otp Optional OTP if required (for *withdraw*)

Returned object:

ticket The ticket ID

key The ticket key

partner_url The url to the partner (if any)

amount A price object containing the withdrew amount