Interface Design Description - reject-relay

5 februari 2020

1 Interface Design Description Overview

The reject-relay service is used to allow the contract system to relay back to the system which made the contract offer that the offer has been rejected. This means that another system rejected it based on the amount of currency which was offered for the data. Reject-relay uses HTTP/SECURE/JSON.

Table 1 Pointers to SD documents.

Service description	Path
reject-relay	Service_Description__SD___reject_relay.pdf

Document title		Document type
Interface Design Description - reject-relay		
Date		Version
5 februari 2020		1.2
Author		Status
Carl Borngrund		Proposed
Contact		Page
carl.borngrund@ltu.se		2(2)

2 Interfaces

2.1 Request structure

The service of rejectRelay is a REST API endpoint which is accessed by a POST request. The structure of the JSON object can be seen below:

```
1  {
2    "ident-hash": String
3  }
```

The `ident-hash` is the hash which allows the system to know which contract was rejected and can now drop the contract too.

2.2 Response structure

The `reject-relay` service will response with a HTTP response of:

- `200 OK` if the message was correctly structured and accepted

- `400 Bad request` if the request structure is incomplete/incorrect

- `401 Unauthorized` if the standard arrowhead authorization protocol is not followed