CataBoom Prize Fulfillment Application Programming Interface (API), Version 1.3

Introduction

The CataBoom Platform provides a feature for "writing back" prize outcomes to a client's internet-connected backend systems. The API follows the industry standard "RESTful" approach and requires a simple web service endpoint ("Target Service") on the client system to receive the fulfillment information.

Security

The CataBoom Platform will provide an API key or token with each update to authenticate itself to the Target Service.

RESTful

In accordance with the RESTful approach, the CataBoom Platform will send updates over https using a POST message and the data for the update will be encoded in JSON.

Status Codes

As is typical in RESTful interfaces, the general disposition of a request will be communicated in the HTTP Status Code and any additional information related to the request will be communicated in the response body. In order to simplify debugging, an optional error code and error message may be included in responses.

In the case of successful requests, the HTTP Status Code will be "200 OK" and if there is any response data it will be in the response body, including an optional response code and/or message.

In the case of an error, the HTTP Status Code will contain an error code and any supplemental information may be contained in the response body. For example, if the request has a missing or invalid API key, then the HTTP Status Code would be "401 Unauthorized". The response body may optionally contain an error code

indicating a an invalid or missing API key and may also optionally contain an error message such as "Invalid API Key".

Interface

The API consists of the Prize request from the CataBoom Platform to the Target System and the response from the Target System.

URI

The client may specify the URI for the Prize request web service endpoint. An example URI:
https://www.client.com/api/v1/prize

Application Key/Token

The client may specify or CataBoom will generate an application key/token to authenticate the CataBoom Platform to the Target System. The token will be passed as part of the Prize request.

Parameters

The parameters for the Prize request are as follows:

Parameter	Required?	Description
token	Required	API key/token for authentication
campaignid	Required	Identifier for the associated promotional campaign
accountid	Required	Identifier for the consumer to whom this prize should be awarded. A string that is specified by client when a play on the CataBoom Platform is created to associate with a particular consumer.
playid	Required	Identifier for the play/spin that resulted in the given winlevel.
winlevel	Required	The prize level to be awarded. This is a decimal number in string format, for example "1", "2", etc. Win level "0" indicates a loss (which would not normally trigger a call to the Prize request). Win level "1" is typically the top prize, with subsequent numbers typically used for decreasing prize levels. The CataBoom standard prize levels are "1", "2", "3", "4", and "0".
prizelink	Optional	The prizelink associated with the win level and consumer. Prizelink is found in the manage prizes under prize options and is a unique link associated with each prize.
prizecode	Optional	The prizecode associated with the win level and consumer. Prizecode is found in the manage prizes

		under prize options and is a unique code and/or description associated with each prize.
prizepin	Optional	The prizepin associated with the win level and consumer. Prizepin is found in the manage prizes under prize options and is a unique pin and/or description associated with each prize.
description	Optional	The description of each prize level.

Response

The parameters in the response to the Prize request are as follows:

Parameter	Required?	Description
code	Optional	Result code (numeric). See "Error Codes" below.
message	Optional	Description of result/error code that may help with debugging issues

Error Codes

Possible values for the "code" value in the response body:

HTTP Status Code	Code	Description
200 OK	0	Success
401 Unauthorized	1000	Unauthorized
404 Not Found	1100	Unrecognized Campaign ID
404 Not Found	1200	Unrecognized Account ID
403 Forbidden	1300	Invalid Win Level

Examples

Example 1 - Success
URI: https://www.client.com/api/v1/prize
HTTP Method: POST
Data:

```
{
  "token":"e855365208a4ccb9c7ff4b67321da89b5dbbc0abfec157d6f6c81a3012",
  "campaignid":"coolcampaign",
  "accountid":"761243",
  "playid":"072bd984-87d8-11e5-af63-feff819cdc9f",
  "winlevel":"3"
  "prizelink":"https:\/\/www.example.com\/prizelink",
  "prizecode":"EXAMPLECODE",
  "prizepin":"TestPIN"
}
```

Response:

```
{
   "code":0
```

```
}
```

Example 2 - Unauthorized

URI: https://www.client.com/api/v1/prize

HTTP Method: POST

Data:

```
{
  "token":"12345",
  "campaignid":"coolcampaign",
  "accountid":"761243",
  "playid":"072bd984-87d8-11e5-af63-feff819cdc9f",
  "winlevel":"3"
  "prizelink":"https:\/\/www.example.com\/prizelink",
  "prizecode":"EXAMPLECODE",
  "prizepin":"TestPIN"
}


}
```

```
Response:
{
  "code":1000,
  "message":"Invalid or Unknown API Key"
}
```

Change History

Version	Date	Description
1.0	11/10/2015	Initial Version
1.1	12/8/2015	Add a unique play id, specify HTTP status codes
1.2	8/15/2018	Added prizelink, prizecode and prizepin
1.3	01/01/2019	Added description