API Document

# Standards

As much as is practical, HTTP status codes communicate whether API calls succeed or fail. In addition to the standard status codes, most APIs return a response body containing JSON. The JSON will be either a success structure or a failure structure.

## Success Structure

{  
 "success": "some success message",  
 "result": result-body  
}

In a success structure, the top level ***success*** element will always be present. In many cases it will contain the simple string “OK”, but depending on the API call it also may contain more specific information. Correct code may either evaluate the HTTP status codes within the 200 range as success, or use the presence of the ***success*** element as an indication of success. The value of the ***success*** element should not be evaluated as we will change or customize these messages from time to time.

Each API call that returns a top level ***result*** element will document the structure of the corresponding ***result-body***.

## Failure Structure

{  
 "error": "some success message",  
 "reason": reason-body  
}

In a failure structure, the top level ***error*** element will always be present. In many cases it will contain the simple string “unexpected error”, but depending on the API call it also may contain more specific information. Correct code may either evaluate the HTTP 300, 400, and 500 range status codes as failure, or use the presence of the ***error*** element as an indication of failure. The value of the ***error*** element should not be evaluated as we will change or customize these messages from time to time.

Each API call that returns a top level ***reason*** element will document the structure of the corresponding ***reason-body***.

## Messages

When using the API you should never make business logic decisions by using the ***success*** or ***error*** messages.

* Error messages can change at any time and will be localized based on the market. Do not parse the message to make business logic decisions based on message content.
* All business logic should be keyed on the Status Code and whether or not the call was successful.

## Content-Type

Our REST APIs expect you to post JSON request bodies and respond with JSON response bodies:

Content-Type: application/json

# Resource: Nacha Files by Class Type

**Description**: Returns the csv, or xml file for Nacha EFT’s that have not been processed yet.

This is a ***write-only*** resource.

**Location**: https://<hostname>/efts/nacha/classes

**HTTP Method**: POST

**Arguments**:

* ClassType – “Web”

**Request Headers**:

* Response-format-type: determines the response type either “CSV” or “XML”

**Request Body**:

{

"ClassType": “WEB”

}

**Success Response:**

Status Code: 200 – Ok.

{  
 <EFTPayments />

}

**Error Responses:**

|  |  |  |
| --- | --- | --- |
| HTTP Status Code | Reason | Example Response Body |
| 400 | No JSON POST body | {  "error": "BadRequest"  } |
| 403 | The ID given as part of the URL does not agree with the ID present in the JSON POST body. | {  "error": "Forbidden",  "reason": "Identity mismatch."  } |
| 422 | JSON POST body missing either the repID or the leaderID or formatted incorrectly. | {  "error": "Unprocessable entity"  } |

# Resource: Nacha EFTs By Order Id

**Description**: The leader-placement resource is used to associate a representative with a leader.

This is a ***write-only*** resource.

**Location**: https://<hostname>/ efts/nacha/{OrderId}

**HTTP Method**: POST

**Arguments**:

* OrderId – the order id of the order which you want to check the order eft details

**Request Headers**:

* Response-format-type: determines the response type either “CSV” or “XML”

**Request Body**:

{

"OrderId": “1”

}

**Success Response:**

Status Code: 200 – Ok.

{

"success": "OK",

"result": {

"RecordTypeCode": "6",

"TransactionCode": "27",

"RoutingNumber": "1",

"AccountNumber": "201205311200",

"TransactionDate": "5/31/2012 6:05:15 PM",

"CountryCode": "US",

"Amount": "51.65",

"IndividualName": "Name On Account",

"PaymentTypeCode": "S",

"NachaClassType": "Web"

}

}

{  
 "success": "OK",  
 "result": {

/\* details about eft \*/  
 }  
}

**Error Responses:**

|  |  |  |
| --- | --- | --- |
| HTTP Status Code | Reason | Example Response Body |
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| 403 | The ID given as part of the URL does not agree with the ID present in the JSON POST body. | {  "error": "Forbidden",  "reason": "Identity mismatch."  } |
| 422 | JSON POST body missing either the repID or the leaderID or formatted incorrectly. | {  "error": "Unprocessable entity"  } |