API

Documentation Template

Version X.x ● 16 June 2023

Company Name - Address - Telephone - Email - www.website.com

Preface

**Intended Audience**

Sample text: This guide is part of the [Product] documentation set. It is intended for use by [role, e.g. System Administrator] during [name of task, e.g. installation] of the product.

Readers should be familiar with the following [software/hardware/platform/]

**Style Conventions**

The following style conventions are used in this document:

**Bold**

Names of commands, options, programs, processes, services, and utilities

Names of interface elements (such windows, dialog boxes, buttons, fields, and menus)

Interface elements the user selects, clicks, presses, or types

*Italic*

Publication titles referenced in text

Emphasis (for example a new term)

Variables

Courier

System output, such as an error message or script

URLs, complete paths, filenames, prompts, and syntax

*Courier italic*

Variables on command line

User input variables

< > Angle brackets enclose parameter or variable values supplied by the user

[ ] Square brackets enclose optional values

| Vertical bar indicates alternate selections - the bar means “or”

{ } Braces indicate content that you must specify (that is, x or y or z)

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Document History

Paper copies are valid only on the day they are printed. Contact the author if you are in any doubt about the accuracy of this document.

Revision History

This document has been revised by:

|  |  |  |  |
| --- | --- | --- | --- |
| Revision Number | Revision Date | Summary of Changes | Author |
| v1 | 11-11-2015 | Updated chapter x | Technical Writer |
| v2 | 11-11-2016 | Updated chapter x | Project Manager |
| v3 | 11-11-2021 | Updated chapter x | Technical Writer |

Reference Documents

Please see the following documents for more information:

|  |  |  |
| --- | --- | --- |
| Document Name | Version | Author |
| Name of Document | X.x | Author Name |
| Name of Document | X.x | Author Name |

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| First, Last Name | Documentation Mgr. | Company/Client | Update |

# Resource Name [#1]

Identify the resource (aka method) and describe its purpose.

## Resource Information

The resource information is as follows:

|  |  |
| --- | --- |
| Method | Purpose |
| Response formats |  |
| Requires authentication? |  |
| Rate limited? |  |
| Requests |  |

## Request

The HTTP method and URL is as follows:

|  |  |
| --- | --- |
| Method | URL |
|  |  |

## Parameters

This API includes the following optional and required parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Description | Required |
| [Name] | [Type] | [Description] | Optional |
| [Name] | [Type] | [Description] | Yes |
| [Name] | [Type] | [Description] | Yes |
| [Name] | [Type] | [Description] | Yes |

## Authorization

If this request requires authorization, identify the following scopes

|  |
| --- |
| Scope |
|  |
|  |
|  |

## Response

Describe the response body and the structure. For example

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| id | string |  |
| token | string |  |
| expiration | long |  |
| payload | boolean |  |

## Samples

Provide samples requests and responses.

### Sample Request

GET/POST/UPDATE/DELETE https://api.website.com/api/

### Sample Response

If successful, returns the HTTP status of 200 and a transaction object.

You can also use the following table to document the response.

| Status | Response |
| --- | --- |
| 200 |  |
| 403 |  |
| 400 |  |
| 400 |  |
| 401 |  |
| 401 |  |
| 500 |  |

# Resource Name [#2]

Identify the resource (aka method) and describe its purpose.

## Resource Information

The resource information is as follows:

|  |  |
| --- | --- |
| Method | Purpose |
| Response formats |  |
| Requires authentication? |  |
| Rate limited? |  |
| Requests |  |

## Request

The HTTP method and URL is as follows:

|  |  |
| --- | --- |
| Method | URL |
|  |  |

## Parameters

This API includes the following optional and required parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Description | Required |
| [Name] | [Type] | [Description] | Optional |
| [Name] | [Type] | [Description] | Yes |
| [Name] | [Type] | [Description] | Yes |
| [Name] | [Type] | [Description] | Yes |

## Authorization

If this request requires authorization, identify the following scopes

|  |
| --- |
| Scope |
|  |
|  |
|  |

## Response

Describe the response body and the structure. For example

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| id | string |  |
| token | string |  |
| expiration | long |  |
| payload | boolean |  |

## Samples

Provide samples requests and responses.

### Sample Request

GET/POST/UPDATE/DELETE https://api.website.com/api/

### Sample Response

If successful, returns the HTTP status of 200 and a transaction object.

You can also use the following table to document the response.

| Status | Response |
| --- | --- |
| 200 |  |
| 403 |  |
| 400 |  |
| 400 |  |
| 401 |  |
| 401 |  |
| 500 |  |

# Query Parameters

Identify query parameters that apply to all API operations.

For example,

Below is a list of standard query parameters. These names are reserved in our REST APIs.

|  |  |  |
| --- | --- | --- |
| Parameter | Meaning | Note |
| access\_token | OAuth 2.0 token for the current user. |  |
| callback | Callback function. | Name of the callback function that handles the response. |
| fields | Selector specifying a subset of fields to include in the response |  |
| key | API key. (REQUIRED\*) |  |
| start-index | An integer specifying the starting point when paging through a list of entities. Defaults to 0. |  |

# Status Codes

The API uses the following HTTP status codes. 2XX – Success; 4XX - Error in client; 5XX - Error in server.

|  |  |
| --- | --- |
| Status Code | Description |
| 200 | OK |
| 201 | Created |
| 202 | Accepted (Request accepted, and queued for execution) |
| 400 | Bad request |
| 401 | Authentication failure |
| 403 | Forbidden |
| 404 | Resource not found |
| 405 | Method Not Allowed |
| 409 | Conflict |
| 412 | Precondition Failed |
| 413 | Request Entity Too Large |
| 500 | Internal Server Error |
| 501 | Not Implemented |
| 503 | Service Unavailable |