Date :  01-MAR-24

DOODLE GENERATION (1.0.0)

# Overview

## The Doodle Generation Model is an innovative and interactive system that transforms textual prompts into creative and expressive doodles. Leveraging advanced machine learning techniques, this model harnesses the power of artificial intelligence to generate visually captivating doodles that reflect the essence of the given prompts. Developed with state-of-the-art technologies, the model is an engaging tool for artistic expression and inspiration.

# Getting Started

## Prerequisites

Before you start using the DOODLE GENERATION data adapter, ensure you have the following:

* [HCL Foundry](https://manage.hclvoltmx.com/)
* Volt MX Iris
* An account with [Rapid API](https://rapidapi.com/simplyneural-simplyneural-default/api/doodle-generation)

## Platforms Supported

### Mobile

#### iOS

#### Android

### Tablets

### PWA

## Importing the adapter

**To import the Data Adapter to Volt Foundry, do the following:**

1. Sign in to the  [HCL Foundry](https://manage.hclvoltmx.com/).
2. From the left navigation menu, select **API Management**.
3. In **API Management**, select **Custom Data Adapters**.  
   A screenshot of a computer

   Description automatically generated
4. Click **IMPORT** to import a custom data adapter.  
   A blue and white box with text

   Description automatically generated
5. On the Import Data Adapter dialog box, click browser to import.  
   A screen shot of a computer

   Description automatically generated
6. Select DOODLE GENERATION data adapter zip file and click **IMPORT**.

After importing the data adapter, Volt Foundry opens a window that shows the metadata of the data adapter.

A screenshot of a computer

Description automatically generated

After you import the data adapter, you can view it on the Custom Data Adapters page and use it to create services on Volt Foundry.

After you add the data adapter to your Volt Foundry app. You can refer to the section below for more information.

**Follow the given steps to generate API key.**

1.Go to [DOODLE GENERATION API portal](https://rapidapi.com/simplyneural-simplyneural-default/api/doodle-generation)

2.Create an account with your email

3.Click on **Subscribe for Free** and get API key.

[**Creating an Integration service**](javascript:void(0);)

Follow the given steps to create an Integration service using the DOODLE GENERATION Data Adapter.

1. Sign in to the [HCL Foundry](https://manage.hclvoltmx.com/).
2. From the left navigation menu, select **API Management**.
3. In **API Management**, select **Integration**.

A screenshot of a computer

Description automatically generated

1. To create a new service, click the **+** button or the **CONFIGURE NEW** button.

A screenshot of a computer

Description automatically generated

1. On the Service Definition tab, select the service type as DOODLE GENERATION, and click **SAVE**.

A screenshot of a computer

Description automatically generated

**[Open](javascript:void(0);)**[**Creating and Executing operations**](javascript:void(0);)

After you create an integration service, you can create and execute operations using the service.

#### Creating an operation

* In **the API Management/Foundry app you created**, in the **Integration** section, select the service that you created.
* After you select the service, navigate to the **Operation List** tab.  
  A screenshot of a computer

  Description automatically generated
* From the drop-down list, select an operation that you want to execute, and click **ADD OPERATION**.

A white rectangular object with a black border

Description automatically generated

#### Executing an Operation

* From the **Operations List** tab, in the **Configured Operations** section, select the operation you want to execute.

A white rectangular object with a black border

Description automatically generated

* On the Operation Page, in the Request Input tab, enter a TEST VALUE for all the fields.

A screenshot of a computer

Description automatically generated

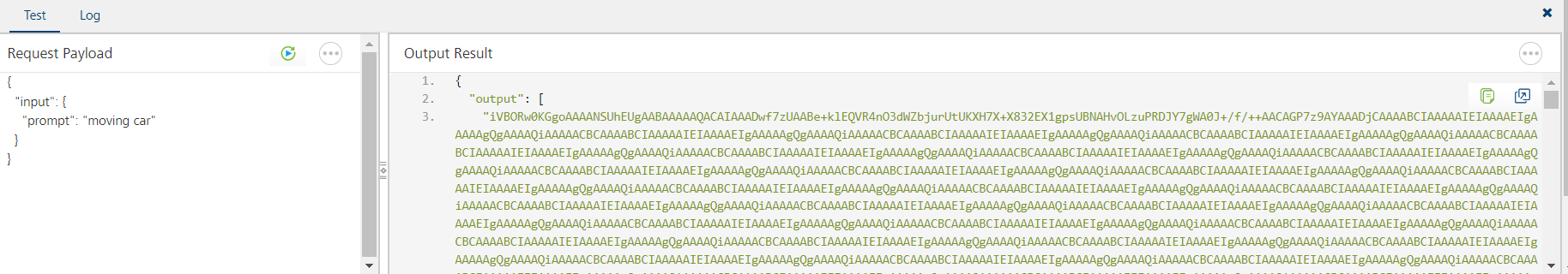
* **Request Header:**

**Authorization:** X-RapidAPI-Key, X-RapidAPI-Host [in header]: API Key associated with your RapidAPI account, required for authentication. To get keys – Login in to [Rapid API Account](https://rapidapi.com/simplyneural-simplyneural-default/api/doodle-generation) -> You can view your keys.

A screenshot of a computer

Description automatically generated

* Select a run-time environment and click **Save and Fetch Response** to get a response based on your inputs.



## [Publishing your application](javascript:void(0);)

If you want to use the services in client applications, you need to publish an app to a run-time environment. You can create the service (as described above) in an application or import the service into an application and publish the application.

# References

## **Endpoint Documentation**

| **Endpoints** | **Input params-Type** | **Description** |
| --- | --- | --- |
| /doodle\_generation/uri | BODY PARAMETERS: Prompt  HEADERS:  Content-type X-RapidAPI-Key X-RapidAPI-Host | generate doodle on basis of given prompt |

Top of Form

## These are List of all endpoints, input params of the fields in tabular format.

## Refer [this link](https://rapidapi.com/simplyneural-simplyneural-default/api/doodle-generation/details) for more information about API endpoints.

# Revision History

Adapter version 1.0.0