Date :  17-10-2023

Country States ADAPTER (1.0.0)

# Overview

This adaptor returns Countries, States and Cities. This allows user to use this as service and provides the public server actions and exposed rest endpoints to use this data.

A sample use-case for the adapter.

# Getting Started

## Prerequisites

* Volt Foundry
* To access API need to get **X-CSCAPI-KEY** after signup will generate and send to registered email address

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## 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**.  
   
4. Click **IMPORT** to import a custom data adapter.  
   
5. On the Import Data Adapter dialog box, click browser to import.  
   
6. Select **Country States.zip** file and click **IMPORT**.

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

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.

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

After you import the data adapter into Volt Foundry, you can use it to create an Integration Service.

Follow the given steps to create an Integration service using the **CountryStatesCities** 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**.  
   
4. To create a new service, click the **+** button or the **CONFIGURE NEW** button.  
   
5. On the Service Definition tab, select the service type as **Country States** and click **SAVE**.  
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1. Alternatively, you can also create a Foundry app and create an Integration service inside it.

## [Creating and](javascript:void(0);) Executing Operations

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

### Creating an operation

* In **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.  
  
* From the drop down list, select an operation that you want to execute, and click **ADD OPERATION**.  
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* From the **Operations List** tab, in the **Configured Operations** section, select the operation you want to execute.  
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  Description automatically generated On the Operation Page, in the Request Input tab, enter a TEST VALUE for all the fields.  
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  Description automatically generated Select a run-time environment and click **Save and Fetch Response** to get a response based on your inputs.  
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## [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

## https://countrystatecity.in/docs/

# Revision History

Adapter version 1.0.0:

## Known Issues

* Original OpenAPI file need to modify to support in foundry
* Authorization header value not sending to actual API. In swagger file updated by passing parameter in header

## Limitations

* Recent states and cities not updated from service