Date :  13-10-2023

rest countries (1.0.0)

# Overview

Simple get country info from RestCountries API. It can search by country code (Alpha2Code or Alpha3Code), calling code, currency, name, language, capital, region or regional block. Only need some info, but not all. Simply filter on fields by entering a comma separated list of field names (see restcountries.com for field names). All calls will return a list of countries (when available).

Get Country Info by searching country code (Alpha2Code or Alpha3Code), calling code, currency, name, language, capital, region or regional block. Only need some info, but not all.

By using these Api endpoints, get all information about a country.

# Getting Started

## Prerequisites

* Volt Foundry

## Importing the adapter

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

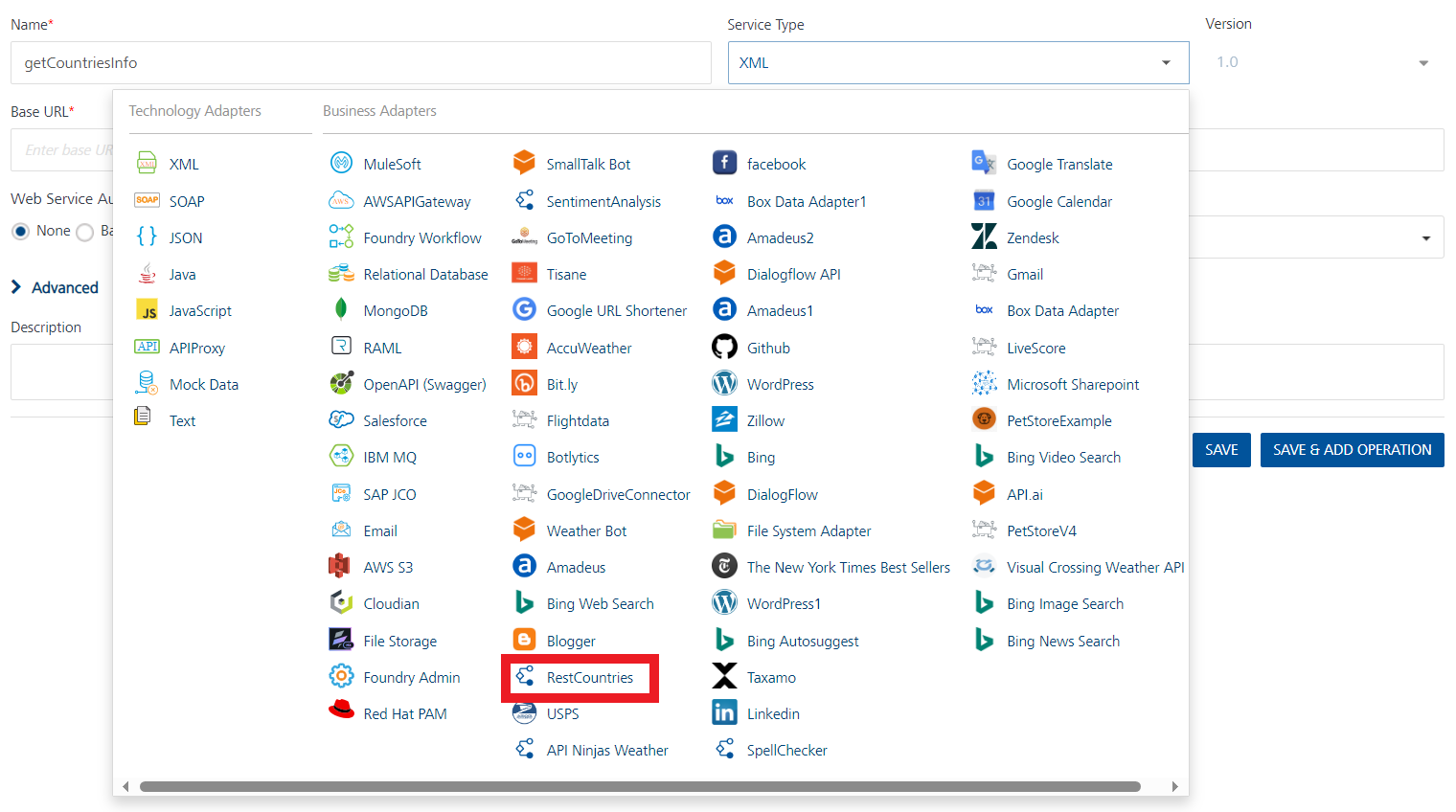
1. Sign in to the  [HCL Foundry](https://manage.hclvoltmx.com/).
2. From the left navigation menu, select **API Management**.
3. In **API Management**, select **Custom Data Adapters**.  
   
4. Click **IMPORT** to import a custom data adapter.  
   
5. On the Import Data Adapter dialog box, click browser to import.  
   
6. Select RestCountries zip file and click **IMPORT**.

After you import 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.

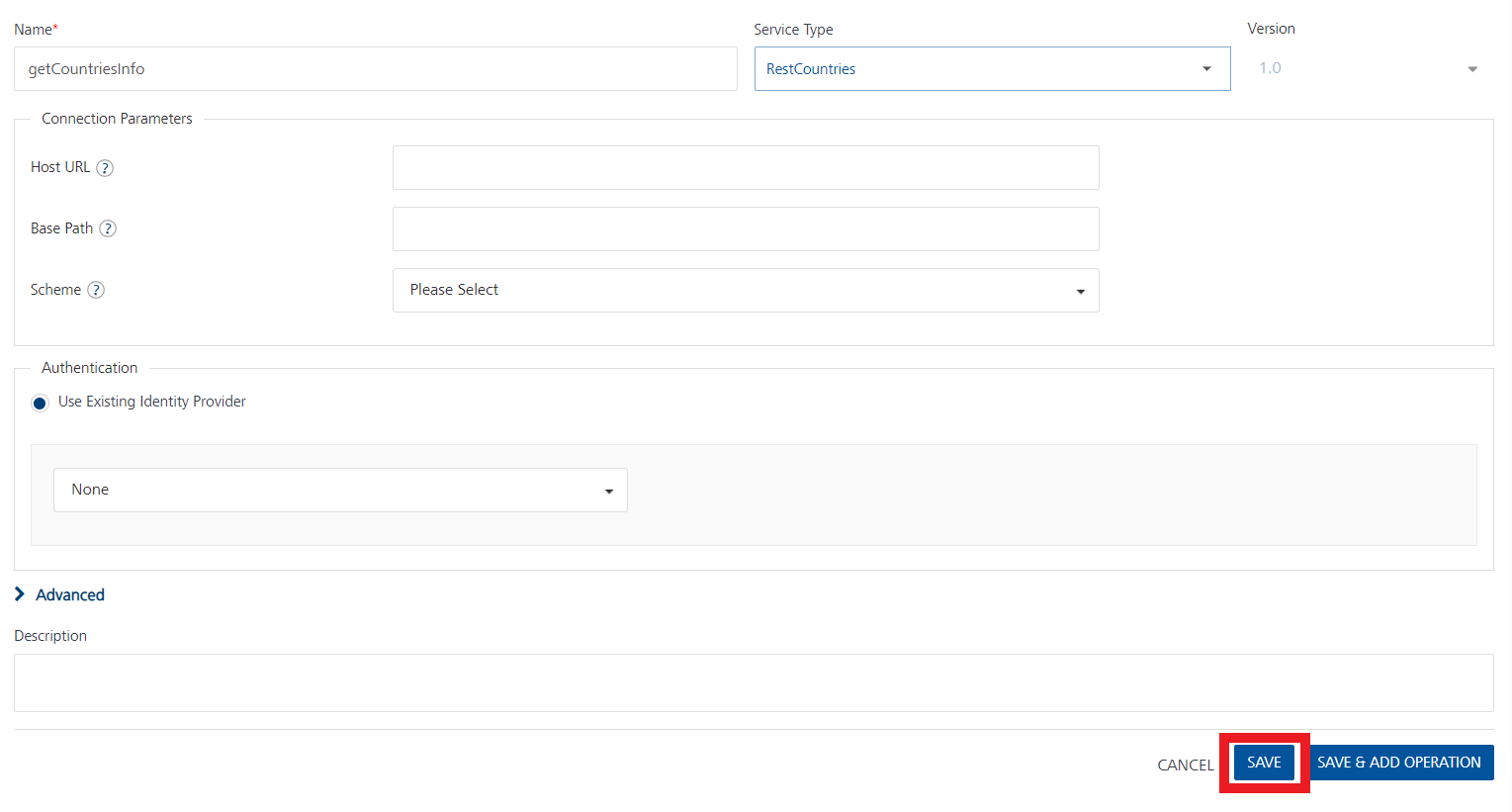


## [Creating an Integration service](javascript:void(0);)

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 RestCountries 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 RestCountries, and click **SAVE**.



Alternatively, you can also create a Foundry app and create an Integration service inside it.

E. [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 **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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#### Executing an Operation

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

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

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* 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

| **Endpoints** | **Input params-Type** | **Description** |
| --- | --- | --- |
| /all |  | Get all countries info |
| /name/ | Name-string | Get country info by giving name of country |
| /name/ | Name-string fulltext-boolean | Get country info by giving full name of country |
| /alpha/ | Code-string | Get country info by giving alpha code of country |
| /alpha | Codes=string | Get country info by giving alpha codes of country |
| /currency/ | Currency-string | Get country info by giving currency of country |
| /demonym/ | Demonym-string | Get country info by giving demonym of country |
| /lang/ | Language-string | Get country info by giving language of country |
| /capital/ | Capital-string | Get country info by giving capital of country |
| /region/ | Region-string | Get country info by giving region of country |
| /subregion/ | Subregion-string | Get country info by giving subregion of country |
| /translation/ | Translation-string | Get country info by giving translation of country |
| / | Service-string fields-string | Get country info by giving fields as filter response |
| /independent | Status-boolean fields-string | Get country independent or not by giving fields of country |

Top of Form

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

## Refer this below link for more information about API endpoints [https://restcountries.com/ https://github.com/apilayer/restcountries](https://restcountries.com/)

# Revision History

Adapter version 1.0.0:

## Known Issues

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## Limitations

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