Date :  19-10-2023

News API ADAPTER (1.0.0)

# Overview

This adaptor provides the locate and breaking news headlines from news sources and blogs across the web. This allows user to use this as service and provides the public server actions and exposed rest endpoints to use this data.

# Getting Started

## Prerequisites

* Volt Foundry
* Generate API Key from https://newsapi.org/registerA screenshot of a computer

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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 **News API.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.

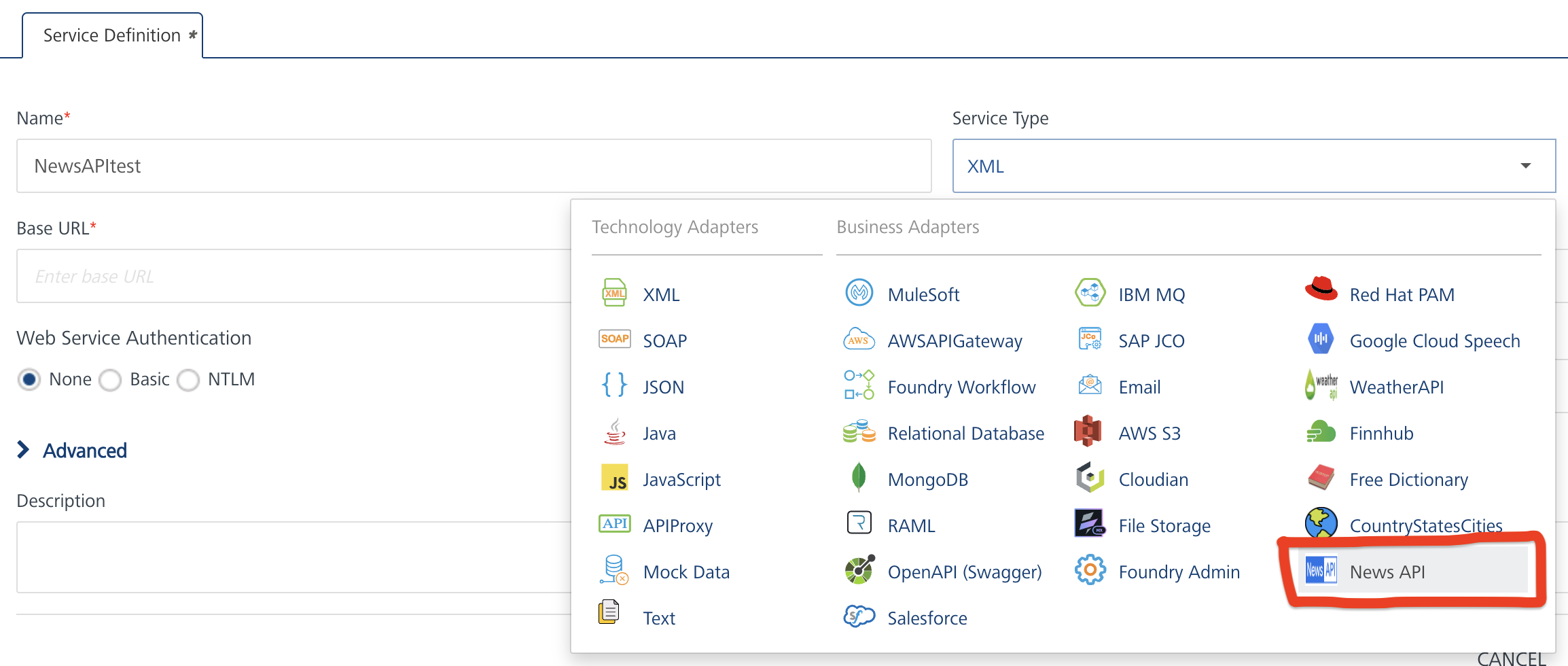
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## [Creating an Integration service](javascript:void(0);)

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 **Free Dictionary** 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 **WeatherAPI** and click **SAVE**.  
   
6. 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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  Description automatically generated 2. Executing an Operation
* 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.

## [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.

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# References

## Endpoint Documentation

## https://newsapi.org/docs /

# Revision History

Adapter version 1.0.0:

## Known Issues

* This service does not have Open API or Swagger file.
* Created postman collection and converted to swagger file, then created adaptor.

## Limitations