Date :  13-Oct-23

world news (1.0.0)

# Overview

## The World News API gives you access to thousands of news sources in over 50 languages from over 150 countries. News is semantically tagged allowing for semantic news search. The News API searches through thousands of news outlets worldwide allowing you to get multiple views on the same issue. News is indexed in real time so you will get breaking news in the API as well as historical data.

## Use case.

## "You can use the World News API to access up-to-date global news headlines, articles, and updates, keeping you informed about events worldwide."

# Getting Started

## Prerequisites

Before you start using the World news data adapter, ensure you have the following:

* [HCL Foundry](https://manage.hclvoltmx.com/)
* Volt MX Iris
* An account with [APILayer](https://apilayer.com/marketplace/world_news-api)

## 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**.

4. Click **IMPORT** to import a custom data adapter.

5. On the Import Data Adapter dialog box, click browser to import.

6. Select WORLD NEWS 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.



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.**

Go to [World news API portal](https://apilayer.com/marketplace/world_news-api#documentation-tab)



2.Click on **Subscribe for Free**

3.Create an account with your email and get API key.

**Creating an Integration service**

Follow the given steps to create an Integration service using the WORLD NEWS 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**.



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



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



**Creating and Executing operations**

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.

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



#### Executing an Operation

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



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



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



## Publishing your application

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** |
| --- | --- | --- |
| /extract-news | Analyzeurl | Extract a news article from a website to a well structure JSON object. |
|  / geo-coordinates | location | Retrieve the latitude and longitude of a location name. Given this information you can fill the location-filter parameter in the news search endpoint. |
| /search-news | Authorsearliest-publish-dateentitieslanguagelatest-publish-datelocation-filtermax-sentimentmin-sentimentnews-sourcesnumberoffsetsortsort-directionsource-countriestext | Search and filter news. |

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

## Refer [this link](https://apilayer.com/marketplace/world_news-api) for more information about API endpoints.

# Revision History

Adapter version 1.0.0