Date :  28-Feb-24

**GNEWS (1.0.0)**

# **Overview**

* GNews API is a simple REST API with which you can search for current and historic news articles published by over 60,000 sources. With this news API, you can also collect the current top headlines articles based on the Google News ranking.

# **Getting Started**

## Prerequisites

Before you start using the GNEWSdata adapter, ensure you have the following:

* [HCL Foundry](https://manage.hclvoltmx.com/)
* Volt MX Iris
* An account with [GNews](https://gnews.io/) and API key

## Platforms Supported

### Mobile

#### iOS

#### Android

### Tablets

### PWA

## Importing the adapter

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

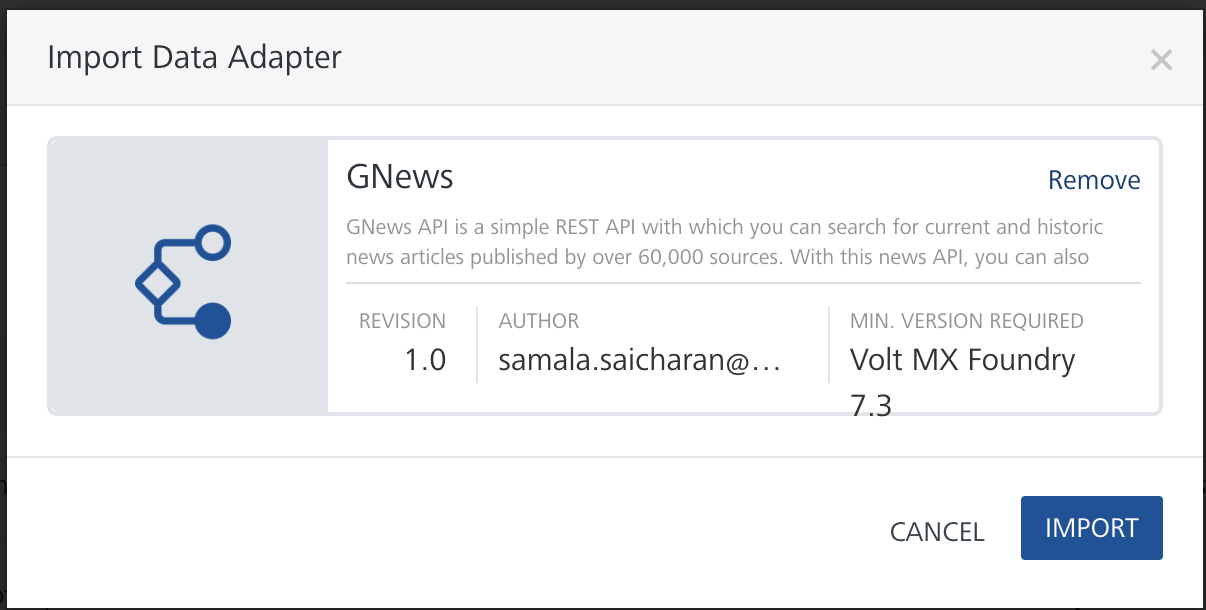
1. Sign in to the  [HCL Foundry](https://manage.hclvoltmx.com/).
2. From the left navigation menu, select **API Management**.
3. In **API Management**, select **Custom Data Adapters**.  
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   Description automatically generated
4. Click **IMPORT** to import a custom data adapter.  
   A blue and white box with text

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

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

After importing the GNEWSdata 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 VoltMX Foundry.

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

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

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

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

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[**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.  
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* 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 and click on ADD OPERATION button.

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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**

**Base url :** https://gnews.io/api/v4

## **Endpoint Documentation**

| **Endpoints** | **Input params-Type** | **Description** |
| --- | --- | --- |
| /search | BODY PARAMETERS:   * apikey(required) * q(required) * lang * country * max * in * from * to * sortby * pages * expand * nullable | This endpoint allows you to search for news articles through a combination of keywords. |
| /top-headlines | BODY PARAMETERS:   * apikey(required) * category * lang * country * max * in * from * to * sortby * pages * expand * nullable | This endpoint allows you to search for current trending articles, the articles that are selected to be returned by this endpoint are based on the Google News ranking. There are 9 categories available, the default category is "general". |

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## Refer [the link](https://gnews.io/docs/v4#introduction) for more information about API endpoints .

# **Revision History**

Adapter version 1.0.0