Date :  01-03-2024

cryptocurrency news

version: 1.0.0

# **Overview**

Get the latest crypto news direct from your preferred sources (fast & reliable).

**Use case:**

* **Stay Informed:** Access the latest cryptocurrency news from reputable sources like CoinDesk, Cointelegraph, and others to stay updated on market trends, regulatory developments, and technological advancements in the blockchain industry, helping investors make informed decisions.
* **Market Analysis:** Analyse market sentiment and assess potential impacts on cryptocurrency prices by aggregating news from multiple sources such as Bitcoinist, Decrypt, and BSC News, enabling traders and analysts to anticipate market movements and adjust their strategies accordingly.
* **Educational Resource:** Utilize cryptocurrency news from trusted sources like The Guardian to educate newcomers and enthusiasts about blockchain technology, digital assets, and the evolving landscape of decentralized finance (DeFi), fostering greater understanding and adoption of cryptocurrencies.

# **Getting Started**

## **Prerequisites**

* Volt Foundry
* [**Rapid API Account**](https://rapidapi.com/topapi-topapi-default/api/cryptocurrency-news2)
* X-RapidAPI-Key, X-RapidAPI-Host.

## **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 **Cryptocurrency News 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 web page

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.

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## **Creating an Integration service**

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 **Cryptocurrency News** 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**.

A screenshot of a computer

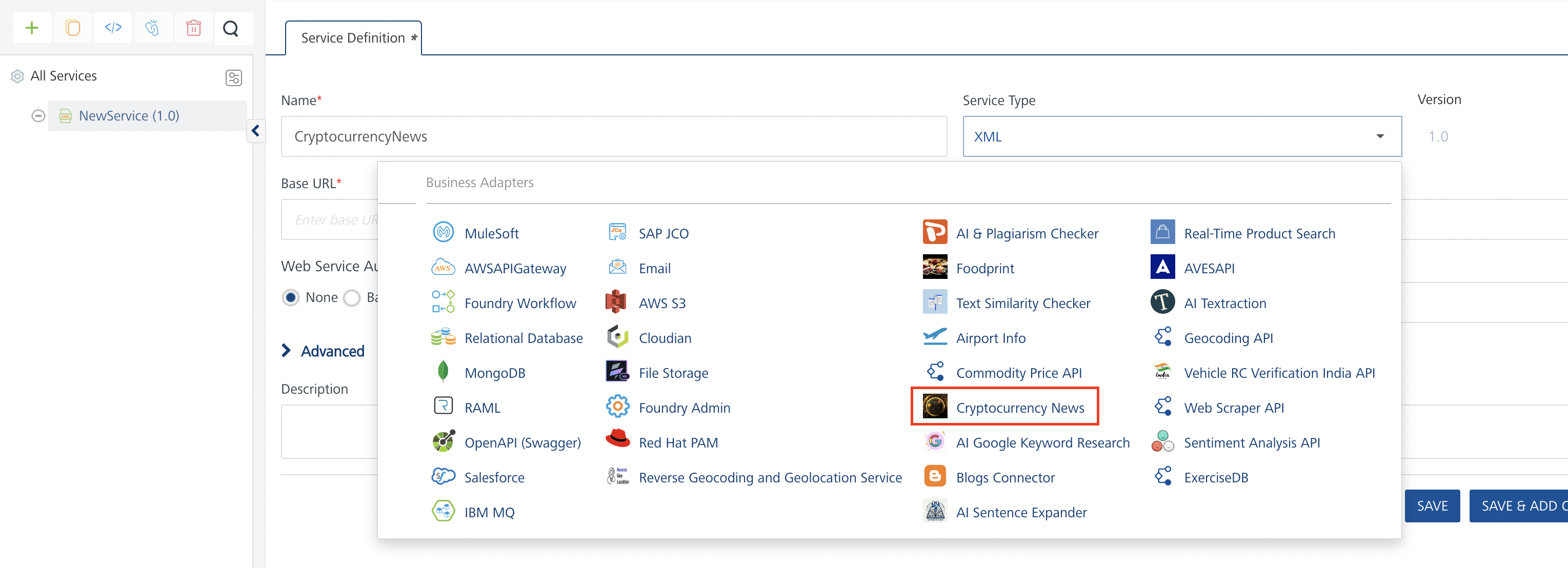
Description automatically generated

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

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Description automatically generated

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



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

## **Creating and Executing operations**

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

#### **Creating an Operation**

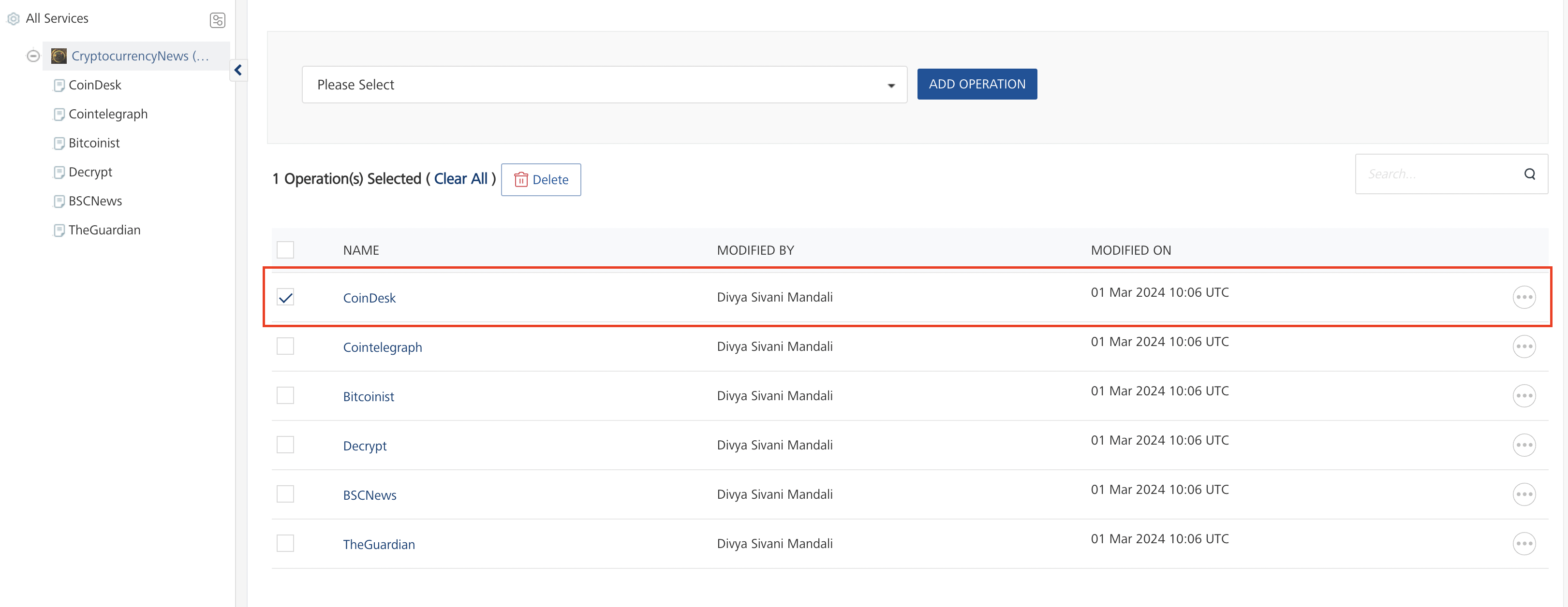
* In **API Management/Foundry app you created**, in the **Integration** section, select the service that you created.
* After you select the service, navigate to the **Operation List** tab.  
  
* From the drop-down list, select an operation that you want to execute, and click **ADD OPERATION**.

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#### **Executing an Operation**

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



**Note:**You can follow the same steps to create operations for other methods but ensure that you select the required API.

You can create multiple operations with required APIs and save them in the **Configured Operations** section. You can then execute the operations whenever required.

* On the Operation Page, in the **Request Input** tab, in the **Body** section, for the following parameters, specify the values in the respective boxes under the **Test Value** column.

**Mandatory Parameters**

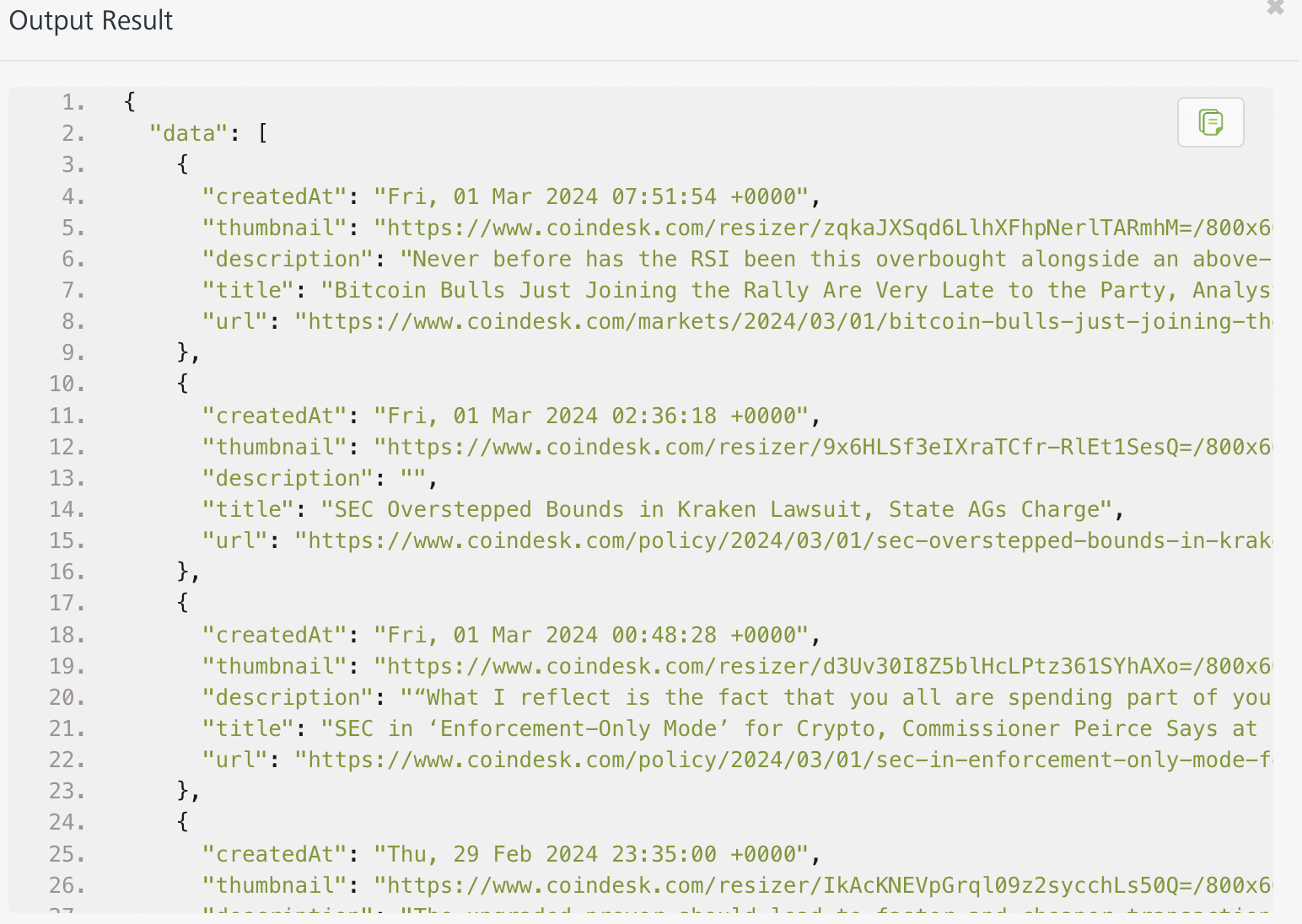
* + **X-RapidAPI-Key, X-RapidAPI-Host [in header]:**  API Key associated with your RapidAPI account, required for authentication.

To get keys – Login in to [**Rapid API Account**](https://rapidapi.com/topapi-topapi-default/api/cryptocurrency-news2)-> You can view your keys.

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* 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

## **Requests Input Parameters for CoinDesk**

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| X-RapidAPI-Key(string) | **[Required]** **[Header]**API Key associated with your account. |
| X-RapidAPI-Host (string) | **[Required]** **[Header]** The host parameter specifies the domain name or IP address of the RapidAPI endpoint. In the context of the Cryptocurrency News, the default host is set to 'cryptocurrency-news2.p.rapidapi.com'. This parameter is necessary for routing the request to the appropriate API endpoint. |

### **Response Output Parameters for CoinDesk**

|  |  |  |
| --- | --- | --- |
| **Object Property** | **Data Type** | **Description** |
| data | Array | An array containing objects representing news articles. Each object contains the following properties: |
| createdAt | String | The date and time when the article were created. |
| thumbnail | String | The URL of the thumbnail image associated with the article. |
| description | String | The description or summary of the article. |
| title | String | The title of the article. |
| url | String | The URL of the full article. |

**Reference Document:** [Cryptocurrency News API Documentation (topapi-topapi-default) | RapidAPI](https://rapidapi.com/topapi-topapi-default/api/cryptocurrency-news2)

# **Revision History**

Adapter version 1.0.0:

## **Known Issues**

* No Known Issues

## **Limitations**

* No limitations