

## Hello World

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# CLOUDERA

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## ReadyFlow: Hello World

You can use the Hello World ReadyFlow to move change data from Wikipedia API to local disk. This ReadyFlow gets you started with your first flow deployment without any external dependencies.

This ReadyFlow can be deployed without any external dependencies and does not require any parameter values. It retrieves the latest changes from Wikipedia through invoking the Wikipedia API. It converts JSON events to Avro, before filtering and routing them to two different processors which merge events together before a file is written to local disk.

| ReadyFlow details  |            |
|--------------------|------------|
| Source             | Wikipedia  |
| Source Format      | JSON       |
| Destination        | Local disk |
| Destination Format | Avro       |

## Prerequisites

Learn how to collect the information you need to deploy the Hello World ReadyFlow, and meet other prerequisites.

### For your data ingest source

None

### For Cloudera Data Flow

- You have enabled Cloudera Data Flow for an environment.

For information on how to enable Cloudera Data Flow for an environment, see [Enabling Cloudera Data Flow for an Environment](#).

- You have created a Machine User to use as the Cloudera Workload User.
- You have given the Cloudera Workload User the EnvironmentUser role.

1. From the Management Console, go to the environment for which Cloudera Data Flow is enabled.
2. From the Actions drop down, click Manage Access.
3. Identify the user you want to use as a Workload User.




**Note:**


The Cloudera Workload User can be a machine user or your own user name. It is best practice to create a dedicated Machine user for this.

4. Give that user EnvironmentUser role.
- You have synchronized your user to the Cloudera on cloud environment that you enabled for Cloudera Data Flow.

For information on how to synchronize your user to FreeIPA, see [Performing User Sync](#).

- You have granted your Cloudera user the DFCatalogAdmin and DFFlowAdmin roles to enable your user to add the ReadyFlow to the Catalog and deploy the flow definition.
  1. Give a user permission to add the ReadyFlow to the Catalog.
    - a. From the Management Console, click User Management.
    - b. Enter the name of the user or group you wish to authorize in the Search field.
    - c. Select the user or group from the list that displays.
    - d. Click Roles Update Roles .
    - e. From Update Roles, select DFCatalogAdmin and click Update.



**Note:** If the ReadyFlow is already in the Catalog, then you can give your user just the DFCatalogViewer role.
  2. Give your user or group permission to deploy flow definitions.
    - a. From the Management Console, click Environments to display the Environment List page.
    - b. Select the environment to which you want your user or group to deploy flow definitions.
    - c. Click Actions Manage Access to display the Environment Access page.
    - d. Enter the name of your user or group you wish to authorize in the Search field.
    - e. Select your user or group and click Update Roles.
    - f. Select DFFlowAdmin from the list of roles.
    - g. Click Update Roles.
  3. Give your user or group access to the Project where the ReadyFlow will be deployed.
    - a. Go to DataFlow Projects .
    - b. Select the project where you want to manage access rights and click  More Manage Access .
  4. Start typing the name of the user or group you want to add and select them from the list.
  5. Select the Resource Roles you want to grant.
  6. Click Update Roles.
  7. Click Synchronize Users.

### For your data ingest target

None

### Related Concepts

[Required parameters](#)

## Required parameters

When deploying the Hello World ReadyFlow, you have to provide the following parameters. Use the information you collected in *Prerequisites*.

When deploying this ReadyFlow, you do not need to provide any parameter values.

### Related Concepts

[Prerequisites](#)

### Related Information

[Deploying a ReadyFlow](#)