

Cloudera Flow Management 4.0.0

Using Flow Library Registry Client

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The Cloudera logo is displayed in a bold, orange, sans-serif font. The word "CLOUDERA" is written in all caps, with a stylized 'E' that has three horizontal bars.

<https://docs.cloudera.com/>

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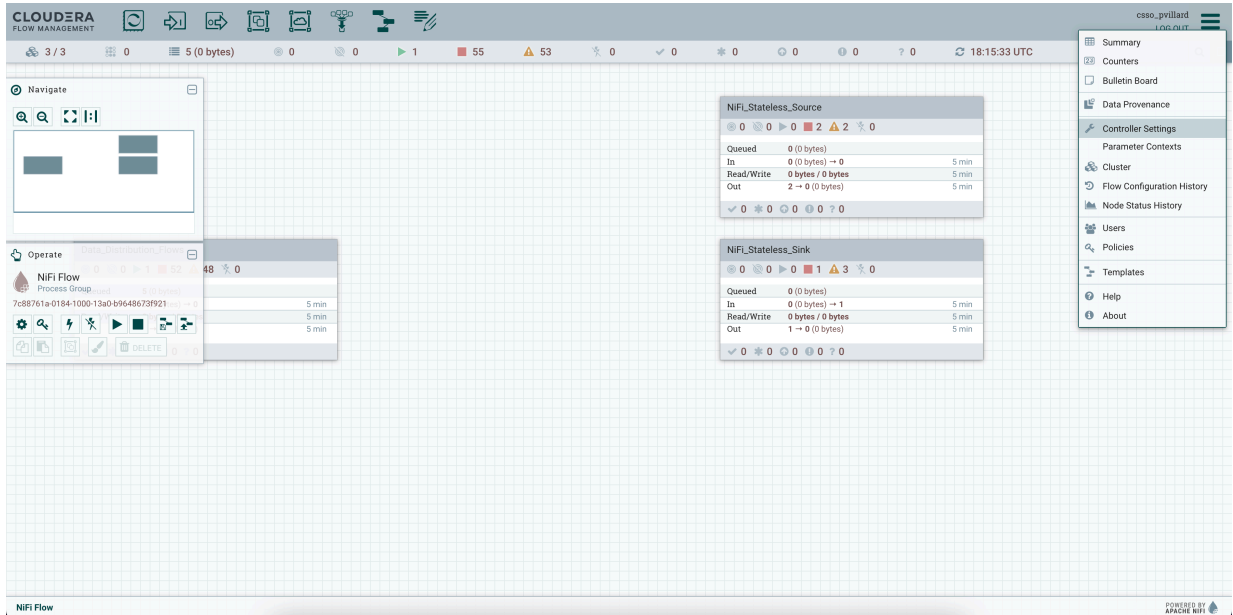
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Adding Cloudera Flow Library Registry Client

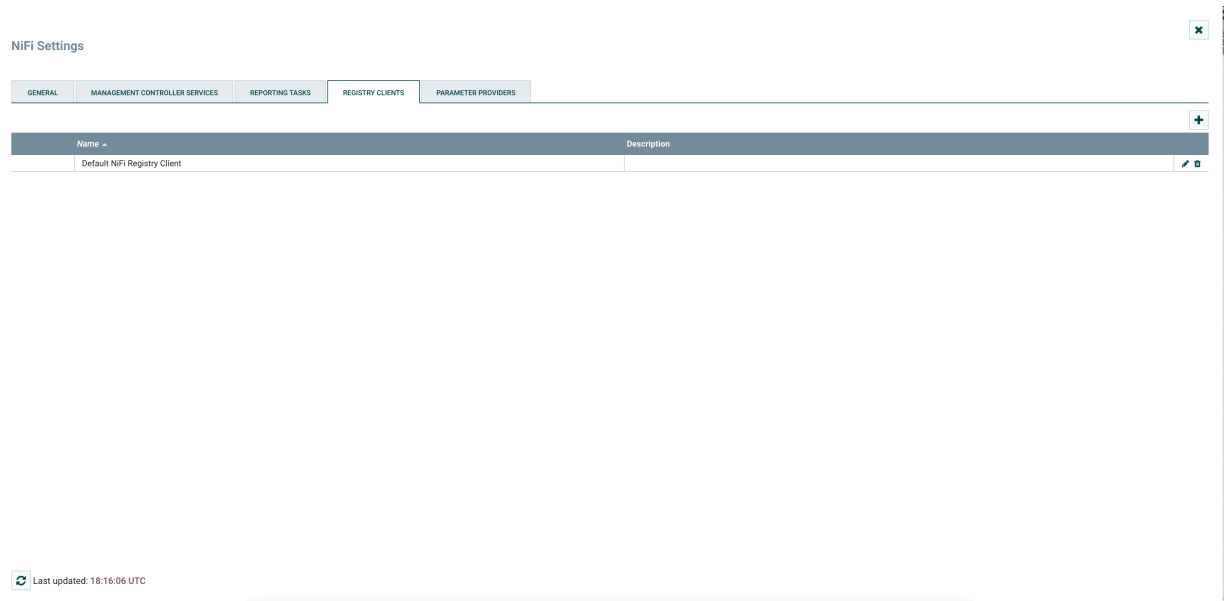
The Cloudera Flow Library Registry Client provides access to Cloudera's exclusive Flow Library. These predefined flows can help you swiftly deploy solutions tailored to your specific needs in a wide range of use cases. Learn how to configure the Registry Client and check out flows from the library.

Procedure

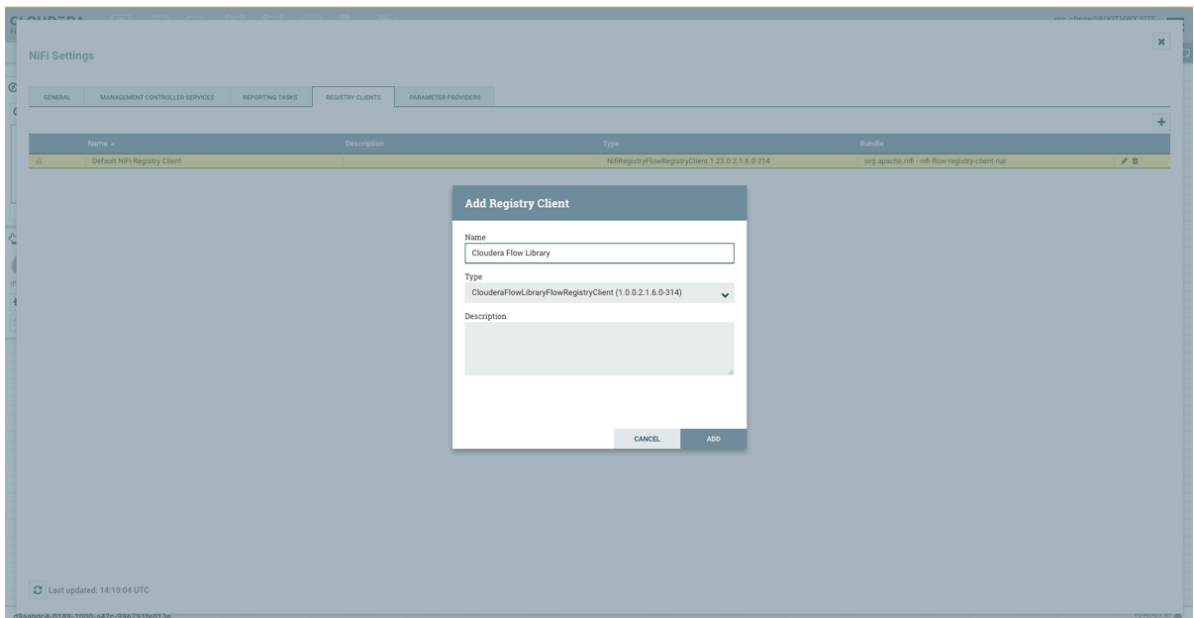
1. Open the NiFi UI.
2. Click the Global menu and select Controller Settings.



3. Switch to the Registry Clients tab.



4. Add a new client.
 - a) Select the type and give it a name.



- b) Configure the client.

You will have to create a StandardWebClientServiceProvider controller service and start it with its default configuration.

Edit Registry Client

SETTINGS | PROPERTIES

Required field +

Property	Value
Web Client Service Provider	No value set
Credentials Source	Manual
Username	No value set
Password	No value set

CANCEL UPDATE



Note: Keep Credentials Source as Manual. Username and Password are the Cloudera credentials that you are using to access the Cloudera binaries on archive.cloudera.com/p/

What to do next

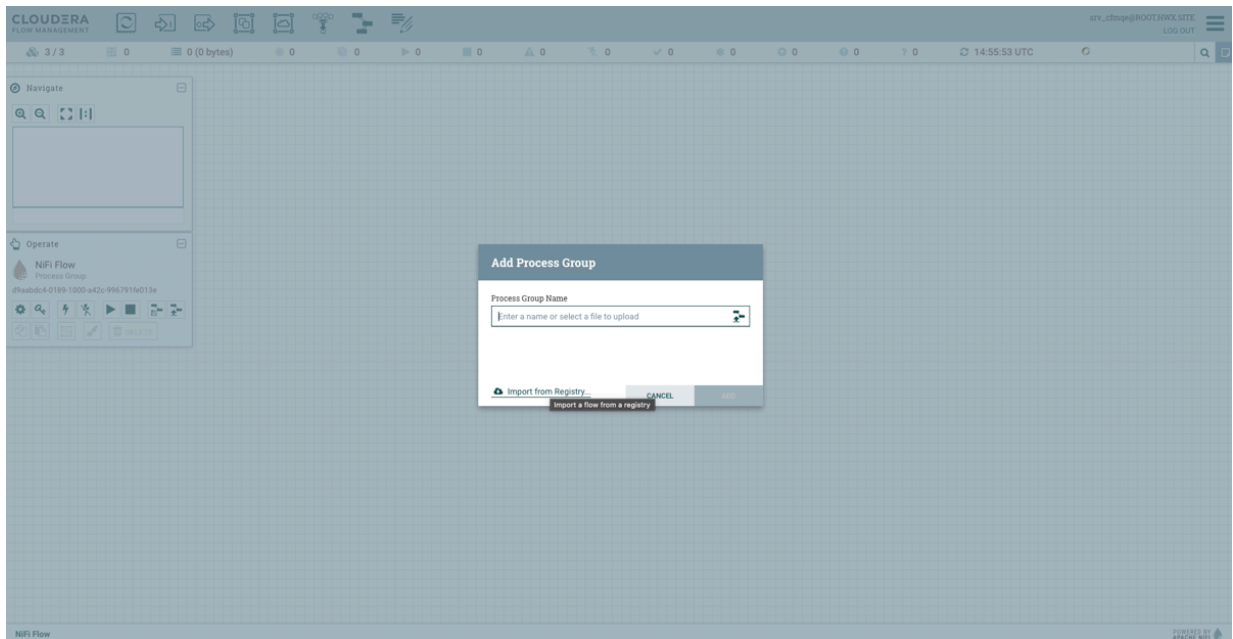
You can now start using the new client to check out flows from the Cloudera Flow Library.

Checking out a flow

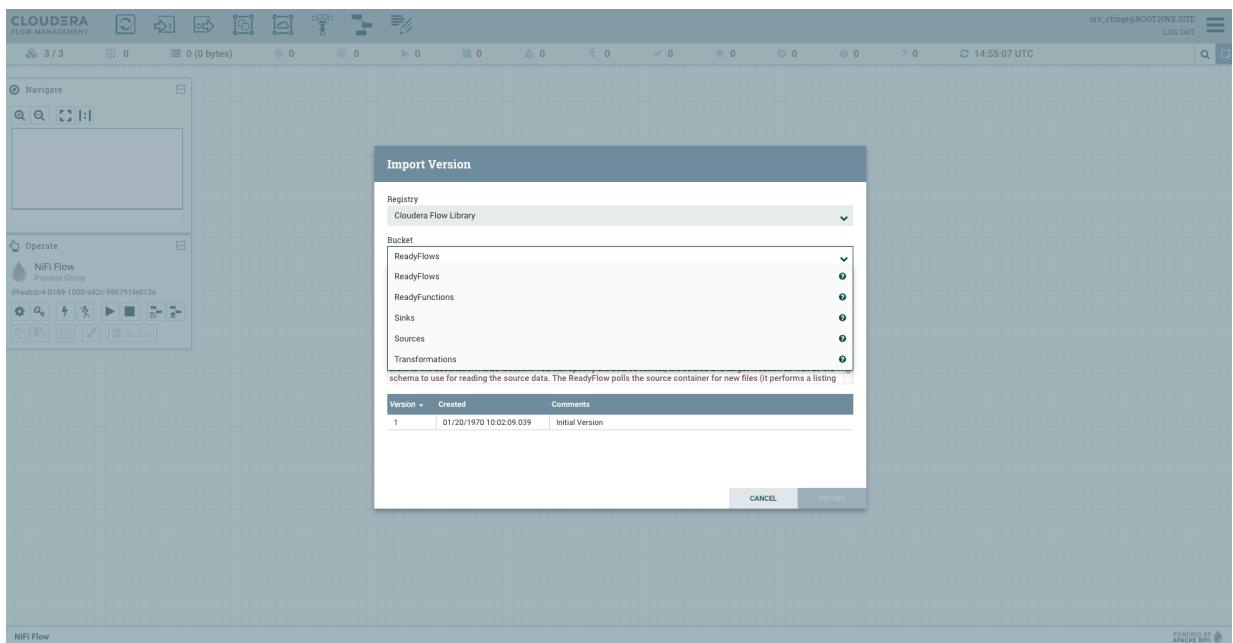
Learn how to check out a data flow from the Cloudera Flow Library.

Procedure

1. Drag and drop a process group onto the canvas and click Import from Registry.



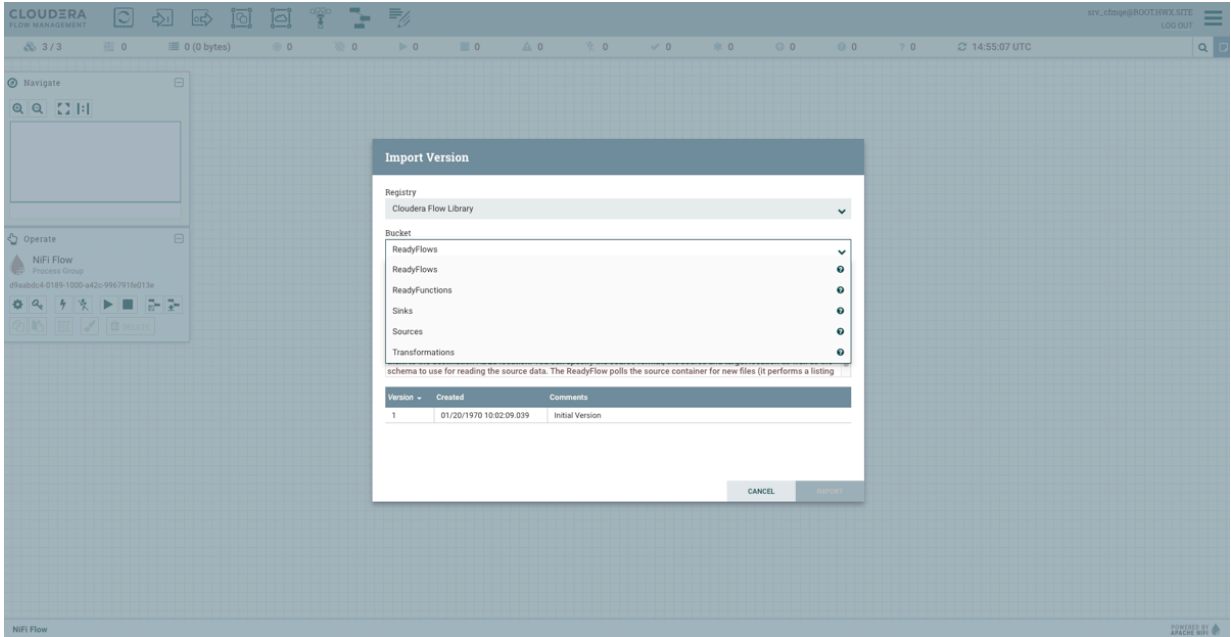
2. In the drop-down list, select the Registry Client configured to access the Flow Library.



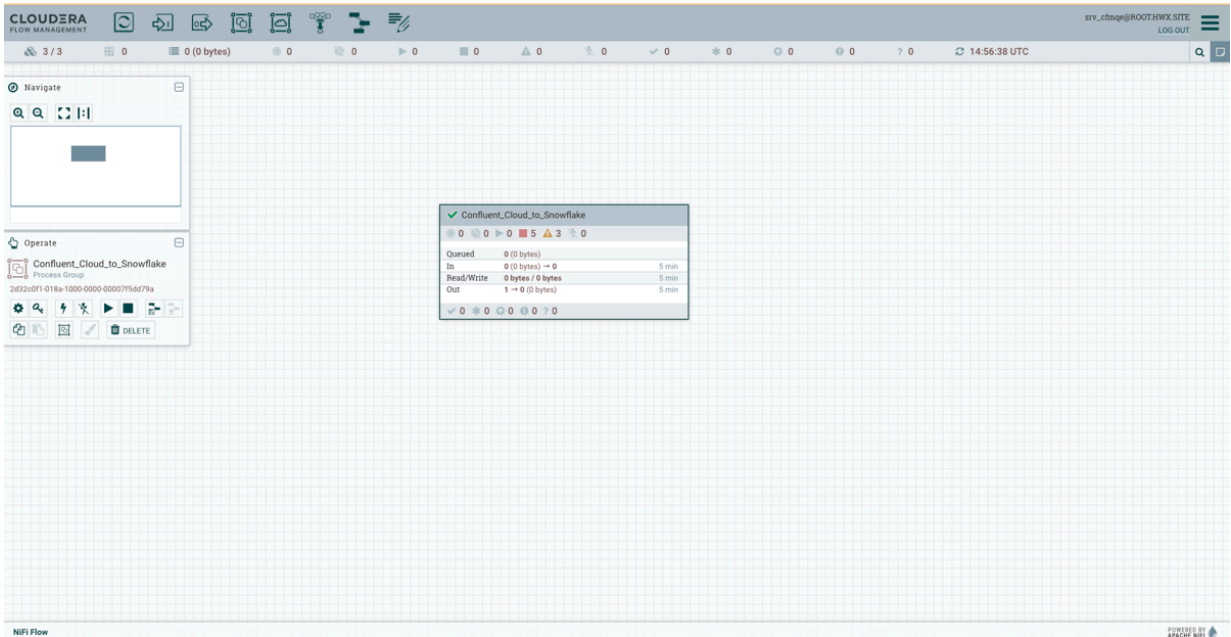
3. Select the desired bucket.



Note: All buckets are read-only and provide flows for different types of usages.



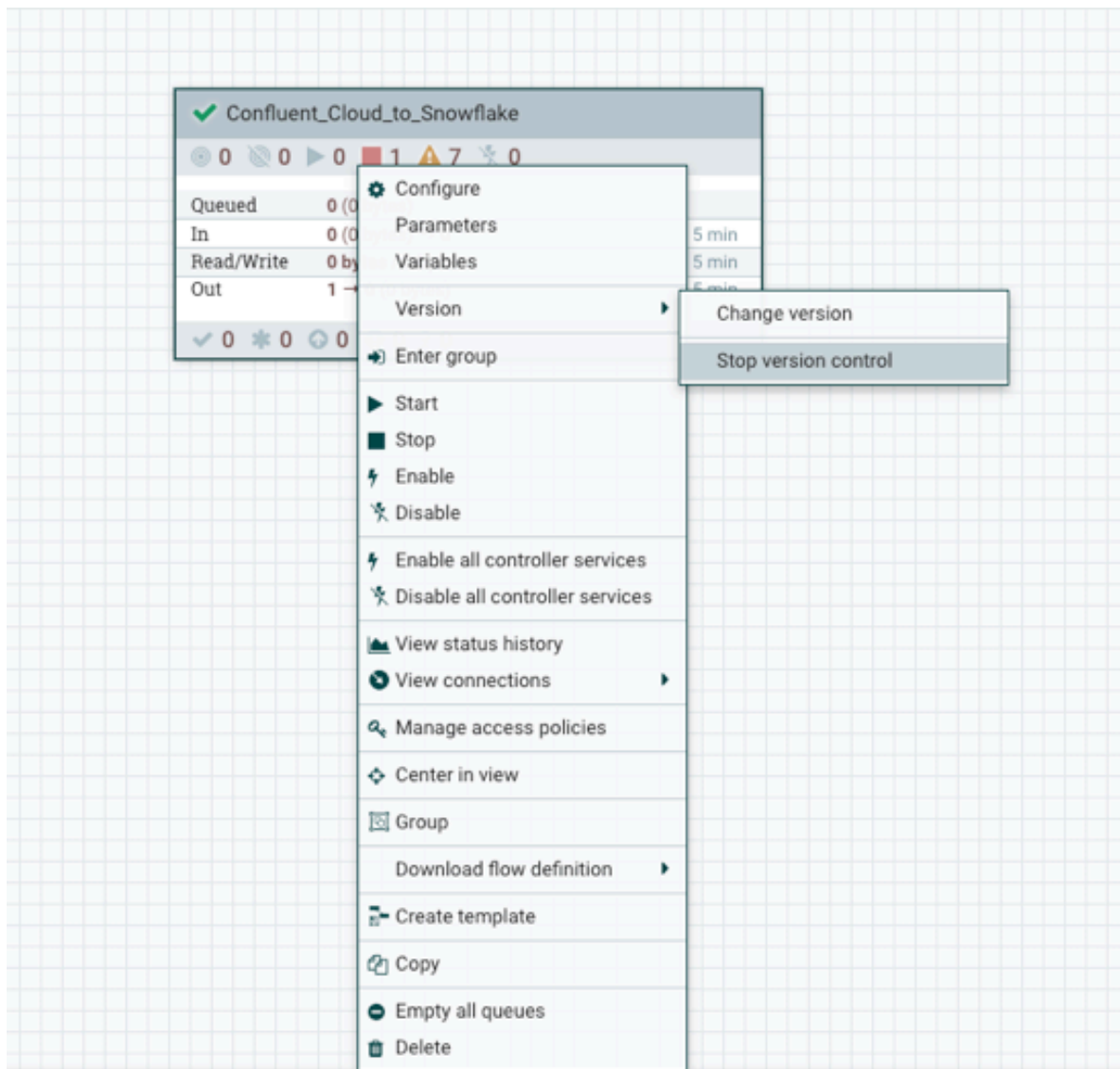
4. Select the flow that you want to check out in NiFi by clicking the selected version and then clicking Import.



5. All flows stored in the Cloudera Flow Library are read-only so you are not able to change the original flow that you have checked out.

If you want to edit the flow, you can create your own version:

- a) Right-click the process group, select Version and click Stop version control.



- b) Make the changes you want.
- c) Version your new flow as a custom flow using another Registry Client into another Registry (NiFi Registry or Cloudera DataFlow Catalog): right-click the process group, select Version, and click Start version control.