

NiFi-Registry

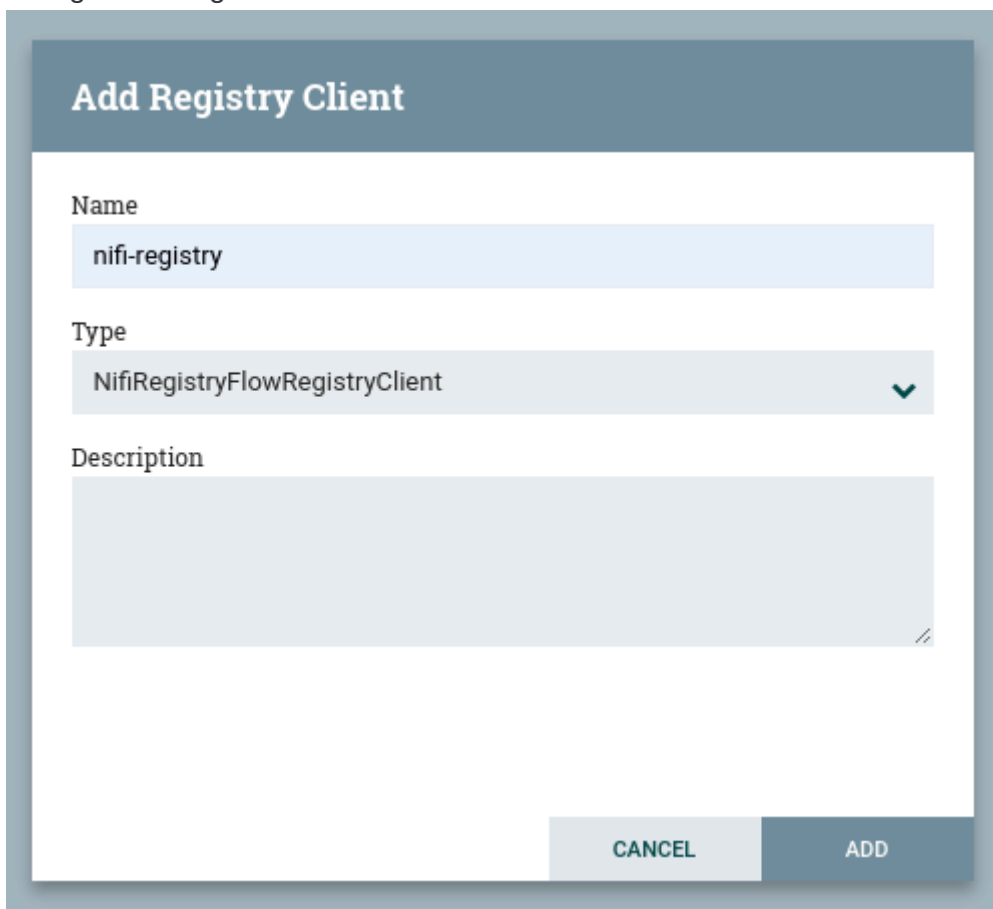
NiFi registry configuration

NiFi registry is native version control system for NiFi environment. Its configuration is only based on registry client configuration in:

NiFi_Setting > Controller_Settings > Registry_Client

How to configure

1. go to: **NiFi_Setting > Controller_Settings > Registry_Client** and add new item
2. configure setting:



Add Registry Client

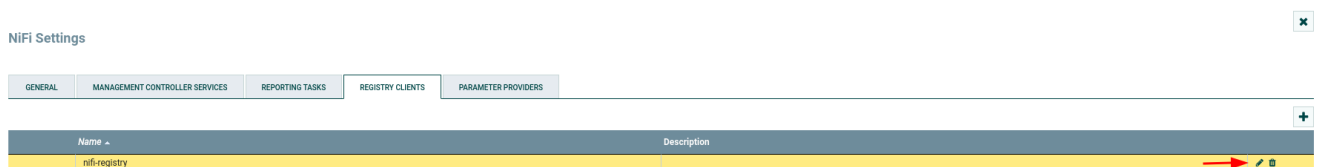
Name
nifi-registry

Type
NifiRegistryFlowRegistryClient

Description

CANCEL ADD

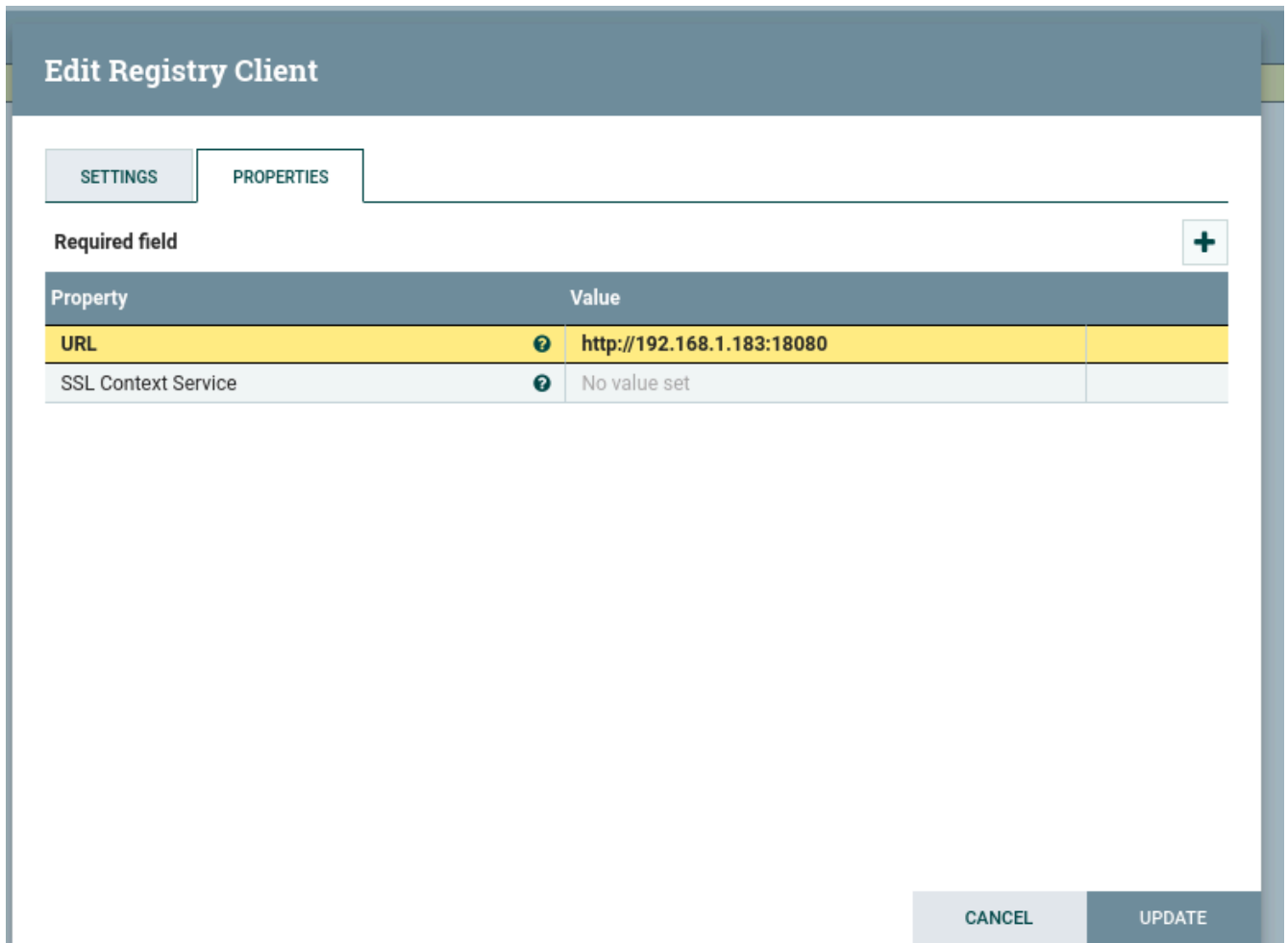
3. edit created service



NiFi Settings

GENERAL	MANAGEMENT CONTROLLER SERVICES	REPORTING TASKS	REGISTRY CLIENTS	PARAMETER PROVIDERS
Name	Description			
nifi-registry				

4. set up an URL, in our case SSL is not required



Edit Registry Client

SETTINGS PROPERTIES

Required field +

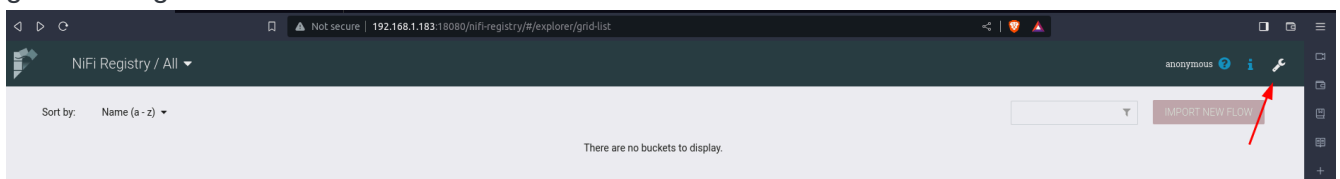
Property	Value
URL	http://192.168.1.183:18080
SSL Context Service	No value set

CANCEL UPDATE

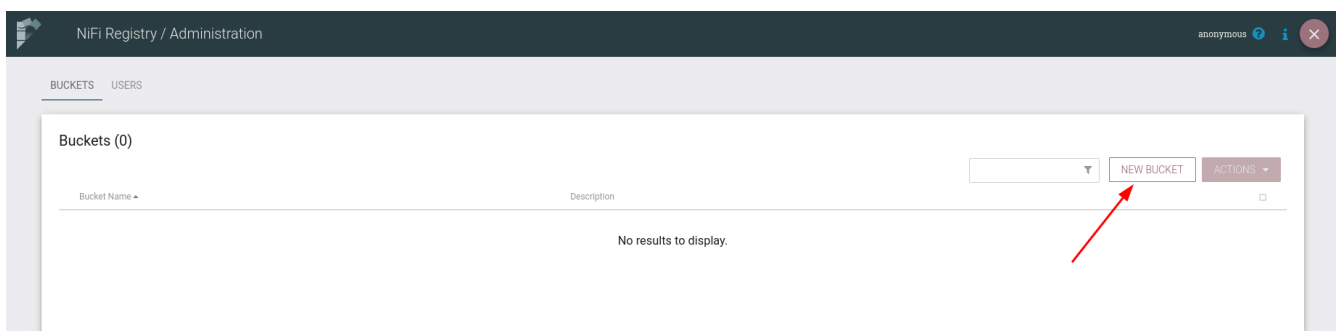
5. log in to NiFi Registry web site:

http://<ip_address>:18080/nifi-registry/

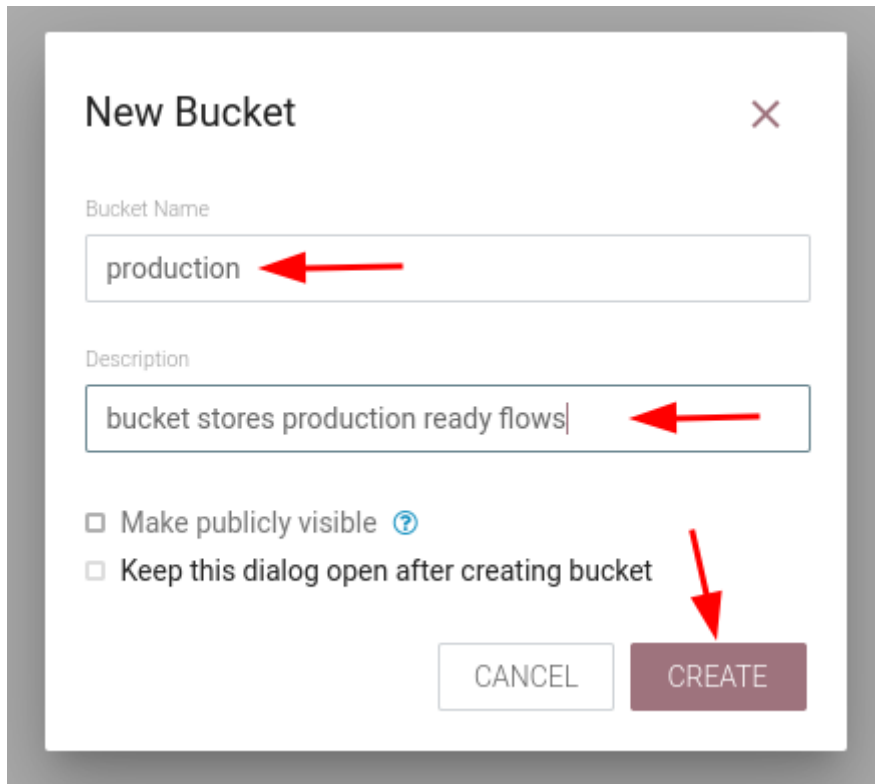
6. go to settings:



7. create new bucket:



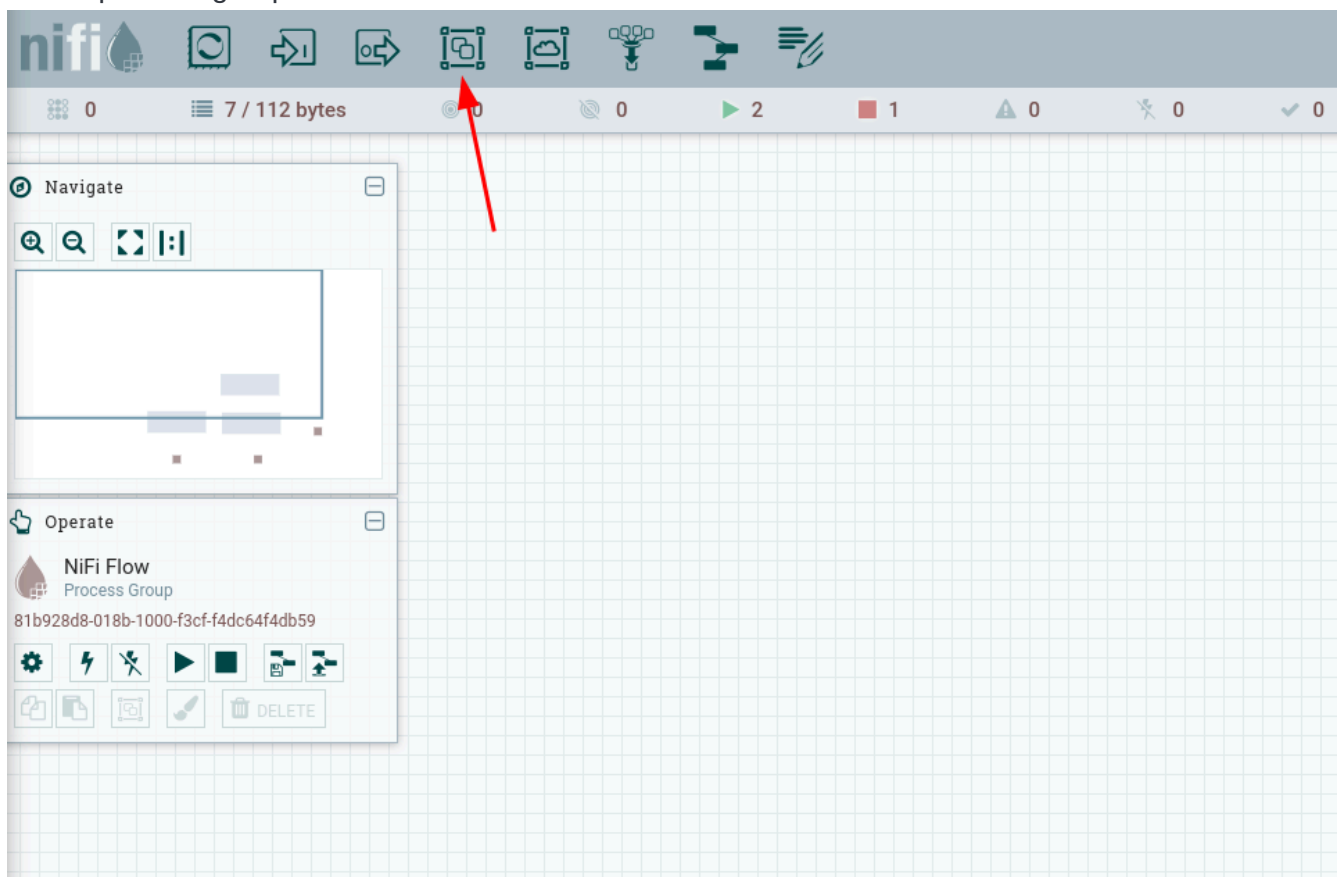
8. set up name and provide description:



The 'New Bucket' dialog box is shown with a close button (X) in the top right corner. It contains two text input fields: 'Bucket Name' with the value 'production' and 'Description' with the value 'bucket stores production ready flows'. Below these fields are two checkboxes: 'Make publicly visible' and 'Keep this dialog open after creating bucket'. At the bottom right are 'CANCEL' and 'CREATE' buttons. Red arrows point to the 'production' text, the description text, and the 'CREATE' button.

How to use at NiFi side

1. create process group:



2. Use registry



1. import flow from NiFi Registry


--- To import Process Group from NiFi registry this process group should be sent there first,

make sure you have done before loading PG from NiFi Registry. If you don't have, please got to point 2.3 and then return.

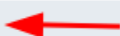
Add Process Group


Process Group Name





 [Import from Registry...](#) CANCEL ADD


Import Version


Registry
nifi-registry 

Bucket
production 

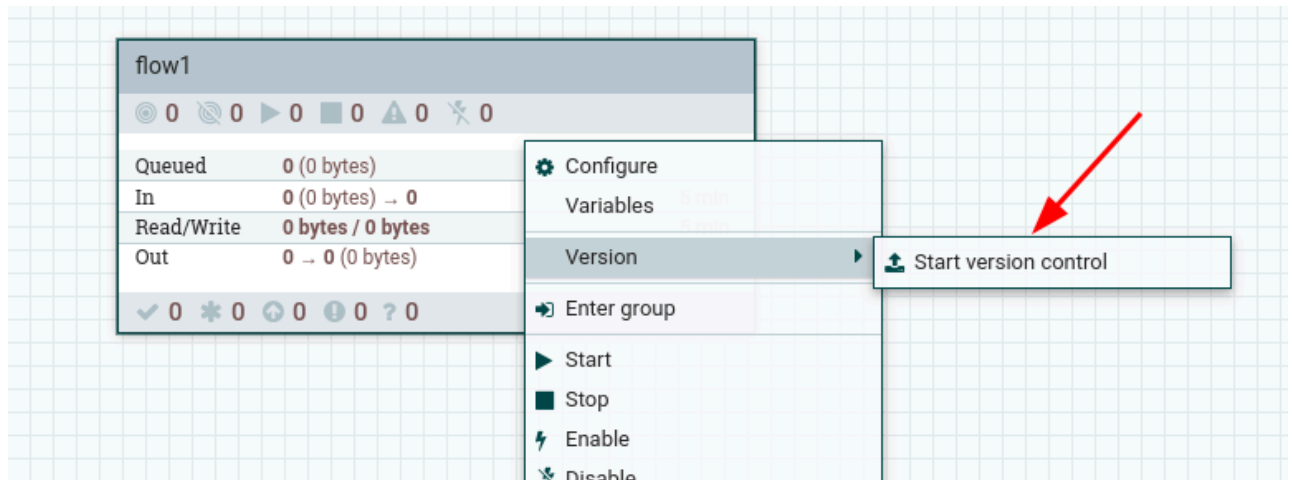
Flow Name
flow1 

Flow Description
flow1

Version ▾	Created	Comments
1	11/10/2023 20:23:40.992	first version 

CANCEL IMPORT 

2. Start versioning already created flow:

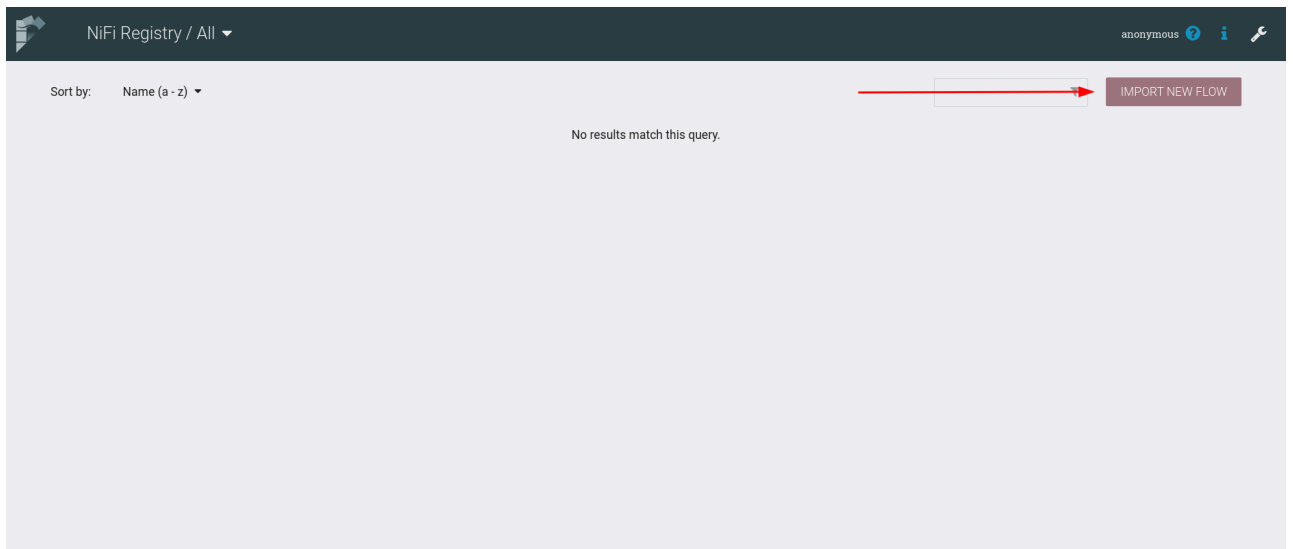


A screenshot of the 'Save Flow Version' dialog box. The dialog contains the following fields and options:

- Registry:** A dropdown menu with 'nifi-registry' selected. A red arrow points to this field.
- Bucket:** A dropdown menu with 'production' selected. A red arrow points to this field.
- Flow Name:** A text input field containing 'flow1'. A red arrow points to this field.
- Flow Description:** A text area containing 'flow1'. A red arrow points to this field.
- Version Comments:** A text input field containing 'first version'. A red arrow points to this field.
- Buttons:** 'CANCEL' and 'SAVE' buttons at the bottom right. A red arrow points to the 'SAVE' button.

3. Upload flow to Nifi Registry directly.

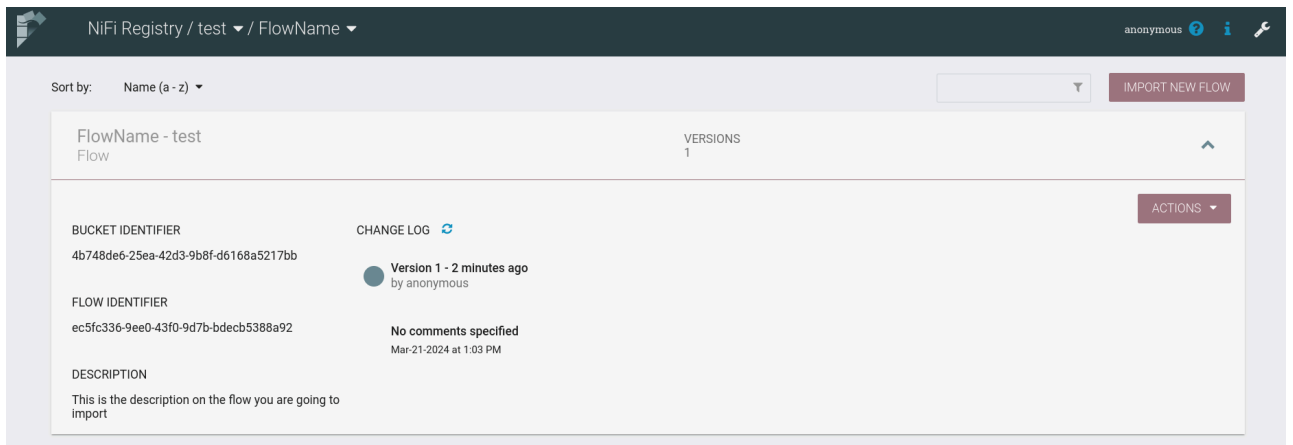
go to NiFi Registry and click "import new flow" button



then, fill all required fields. Clinck Import

The screenshot shows the 'Import New Flow' dialog box. It has a title bar with a close button (X). The dialog contains four main sections: 'Flow Name' with a text input field containing 'FlowName' and a version selector set to 'v.1'; 'Flow Description' with a text area containing the placeholder text 'This is the description on the flow you are going to import'; 'Bucket' with a dropdown menu set to 'test'; and 'Flow Definition' with a file upload area showing 'Drop file or select...' and a 'SELECT FILE' button. At the bottom right, there are two buttons: 'CANCEL' and 'IMPORT'. Red arrows point to the 'v.1' selector, the description text area, the 'test' bucket dropdown, the 'SELECT FILE' button, and the 'IMPORT' button.

after you click import, new record in NiFi Registry should be visible:

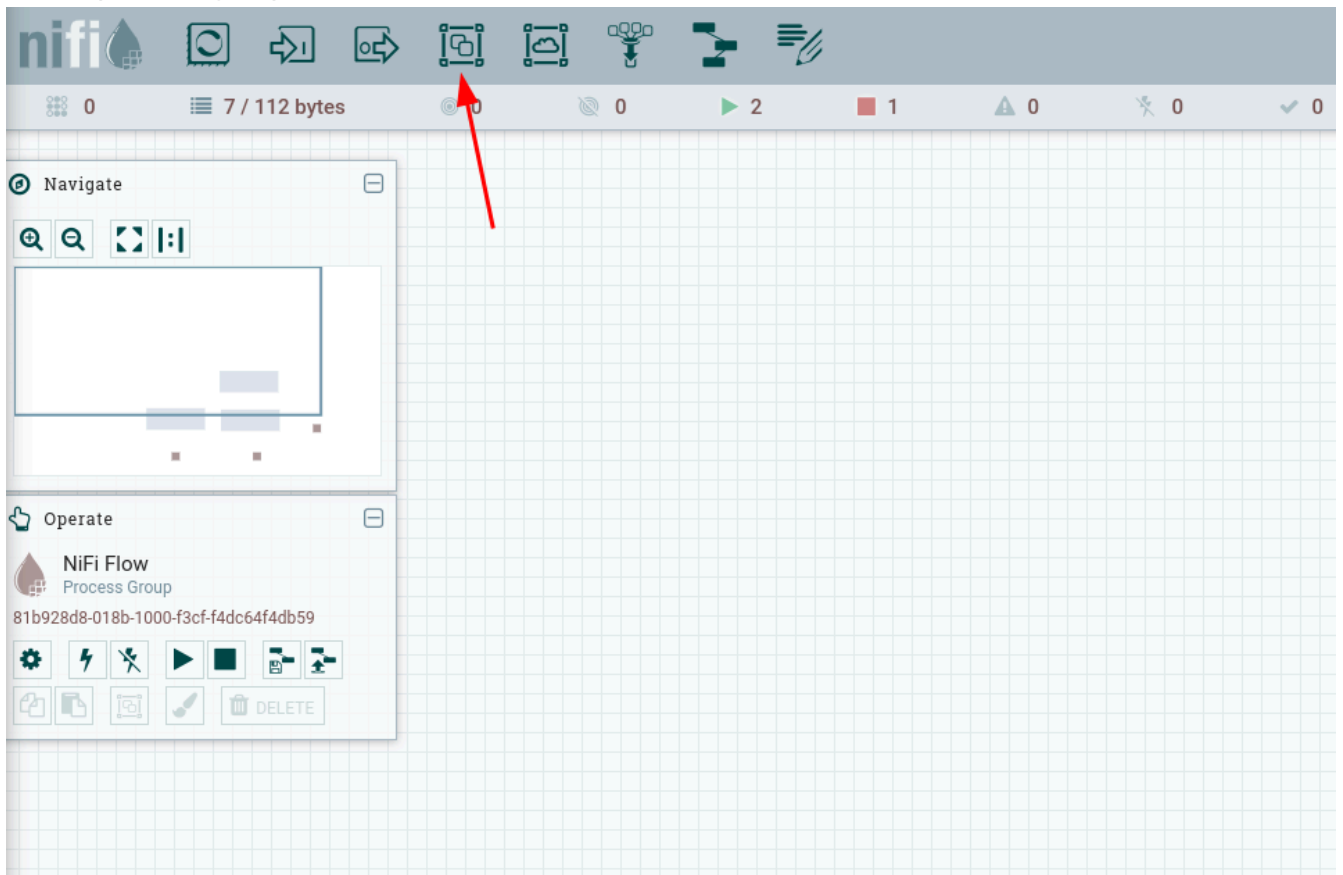


Note: click "actions" button to

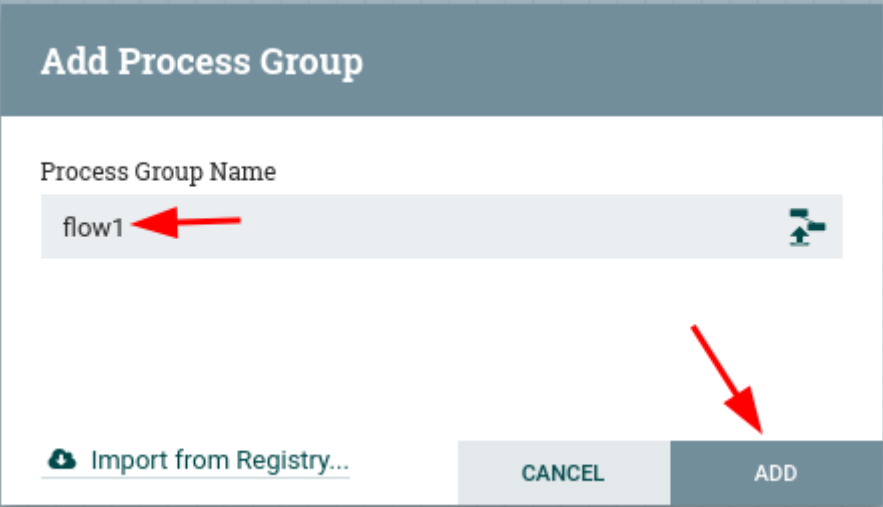
- Import new version
- Export version
- Delete flow

How to create a Process Group

1. create process group



2. set up a name and confirm



The image shows a dialog box titled "Add Process Group". It has a header bar with the title. Below the header, there is a label "Process Group Name" followed by a text input field containing the text "flow1". A red arrow points to the text "flow1". To the right of the input field is a small icon of a person with a plus sign. At the bottom of the dialog, there is a button labeled "Import from Registry..." with a cloud icon, a "CANCEL" button, and an "ADD" button. A red arrow points to the "ADD" button.

Add Process Group

Process Group Name

flow1

[Import from Registry...](#) CANCEL ADD