



Dhiva - Stubs

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Manage Stubs

Stubs in Dhiva are made up of a combination of Attributes and static/dynamic Artifacts (Lists, Group, Conditional Lists). They are structured and function similarly to a Stacked Hierarchies. Stubs are notated with an "ST" prefix and is listed in the Stubs section at the top of the Attribute panel. A Stub can be used in any report on pages, columns, rows, or as a User Filter.

Note: Stubs cannot be used directly as a filter.

Producer users can create Stubs. A Stub can be Personal (indicated with a blue icon) or can be made Global (indicated by a green icon) by an admin.

Stubs can be used anywhere on the Report Layout but cannot be used as a Report filter. In addition to being placed on rows/columns/pages, Stubs can be used as User Filters. Using Stubs as User Filters enables the user to change the focus of the Report.

Under the Manage Stubs option, users can perform the following tasks:

- [Create New Stub](#)
- [Copy, Edit Name, Delete](#)

Create New Stub

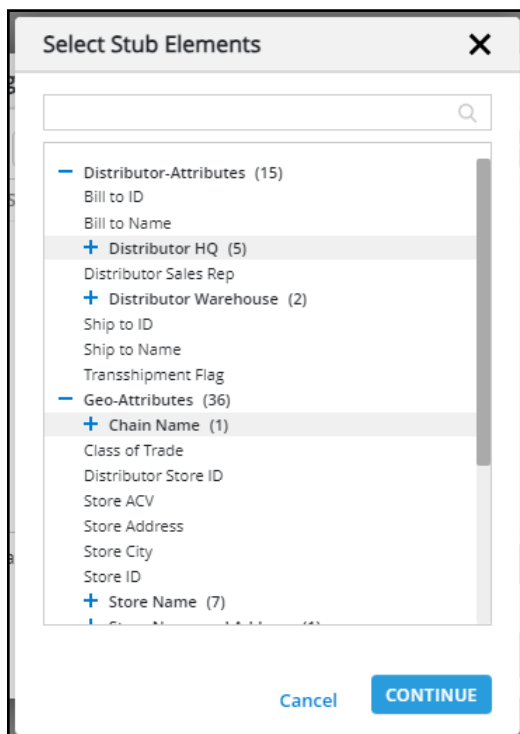
The following are two scenarios for Stub creation and examples of how to create them:

- [Create Stub to use on Report](#)
- [Create Stub to use as a User Filter](#)

Create Stub to use on Report

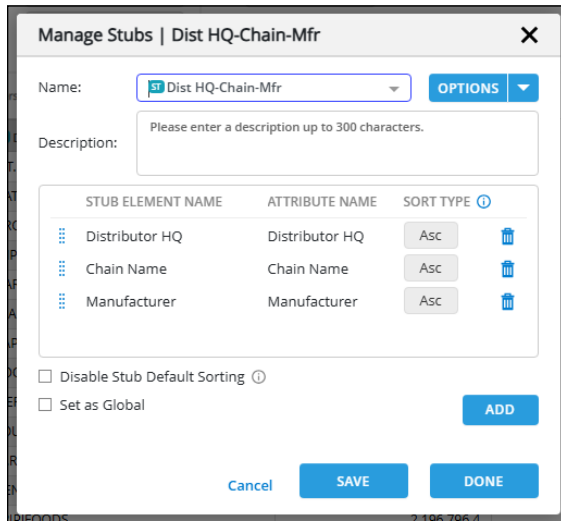
Adding multiple Artifacts to a Stub stacks all the selected values into one column, allowing similar functionality to a Stacked Hierarchy.

1. From the left panel, click on **Stubs** dropdown and Select **Manage Stubs**.
2. If a user hasn't created a Stub before, a popup will prompt them to name the first one they create. Otherwise, select **Options** -> **New**.
3. Provide an appropriate name for the Stub (for example "Dist HQ-Chain-Mfr").
4. By using text search or by navigating the folder structure of available Attributes, Lists, and Groups, find and select the following Attributes to add to this Stub: **Distributor HQ**, **Chain Name**, and **Manufacturer**.



Note: In addition to Attributes, Stubs can also contain Groups, Lists, and Conditional Lists.

5. Click **Continue**.



Manage Stubs | Dist HQ-Chain-Mfr

Name: Dist HQ-Chain-Mfr OPTIONS

Description:

STUB ELEMENT NAME	ATTRIBUTE NAME	SORT TYPE
Distributor HQ	Distributor HQ	Asc
Chain Name	Chain Name	Asc
Manufacturer	Manufacturer	Asc

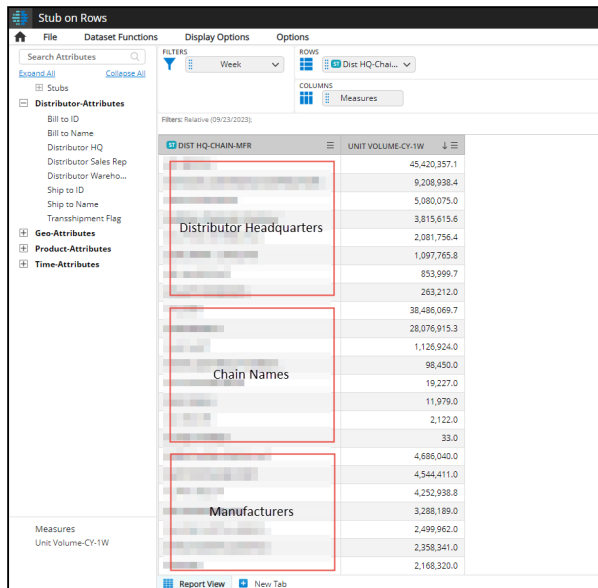
☐ Disable Stub Default Sorting

☐ Set as Global

ADD Cancel SAVE DONE

Note: In this window, users can also rearrange and delete Attributes/Artifacts. Using the **Add** button, additional Attributes/Lists/Groups can be added to the Stub.

- Click **Save**. Now this Stub will be available under the **Stubs** section of the **Attribute panel**.
- Expand the **Stubs** section in the left-hand panel, locate the new Stub **Dist HQ-Chain-Mfr**, then drag it into the **rows** section.
- After clicking **Generate**, users will see that all values for Distributor HQ, Chain Name, and Manufacturer are displayed in one column, like they would be when placed in a Stacked Hierarchy.



Stub on Rows

File Dataset Functions Display Options Options

Search Attributes Expand All Collapse All

Stubs

- Distributor-Attributes
 - Bill to ID
 - Bill to Name
 - Distributor HQ
 - Distributor Sales Rep
 - Distributor Warehouse
 - Ship to ID
 - Ship to Name
 - Transshipment Flag
- Geo-Attributes
- Product-Attributes
- Time-Attributes

Measures

- Unit Volume-CY-1W

Filters: Relative (09/23/2023)

Dist HQ-Chain-Mfr UNIT VOLUME-CY-1W

UNIT VOLUME-CY-1W
45,420,357.1
9,208,938.4
5,080,075.0
3,815,615.6
2,081,756.4
1,097,765.8
853,999.7
263,212.0
38,486,069.7
28,076,915.3
1,126,924.0
98,450.0
19,227.0
11,979.0
2,122.0
33.0
4,686,040.0
4,544,411.0
4,252,938.8
3,288,189.0
2,499,962.0
2,358,341.0
2,168,320.0

Report View New Tab

Note: Any Filters/User Filters added to the report will be respected in the Stub as well.

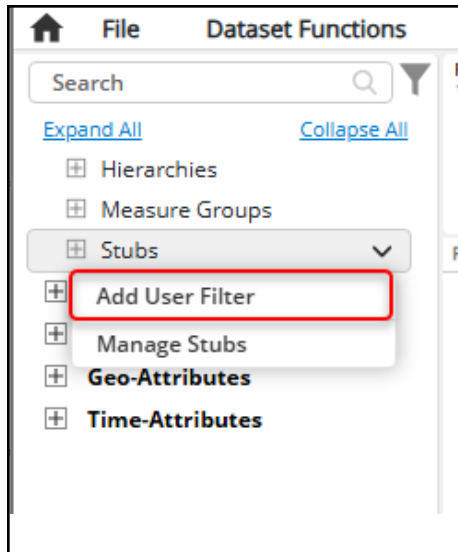
Create Stub to use as a User Filter

To use Stubs as a User Filter, at least one Stub must be added to the report to get the “Add User Filter” option to appear in the Stubs section. Then in the pop-up window, the user must select the “Select User Filter Values” to customize the list of Stubs in the User Filter dropdown menu.

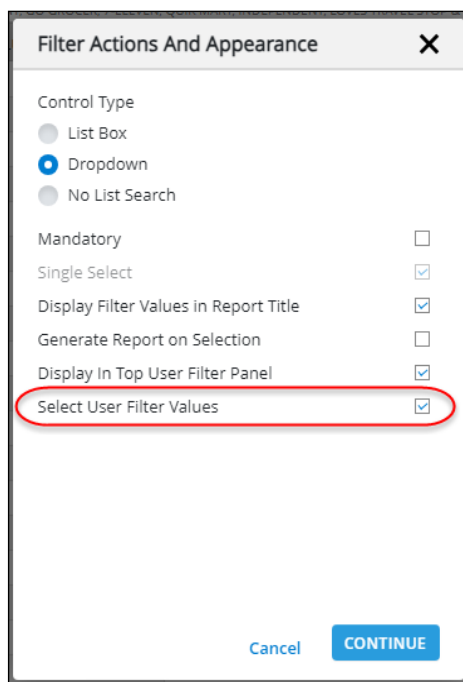
1. From the left panel, click on **Stubs** dropdown and select **Manage Stubs**.
2. In the popup window, select **Options** -> **New** to create a new Stub.

3. Provide an appropriate name for the Stub, for example “DISTRIBUTOR HQ”, as this Stub will contain the Distributor HQ Attribute.
4. Locate the Attribute **Distributor HQ**, select it, then click **Continue**.

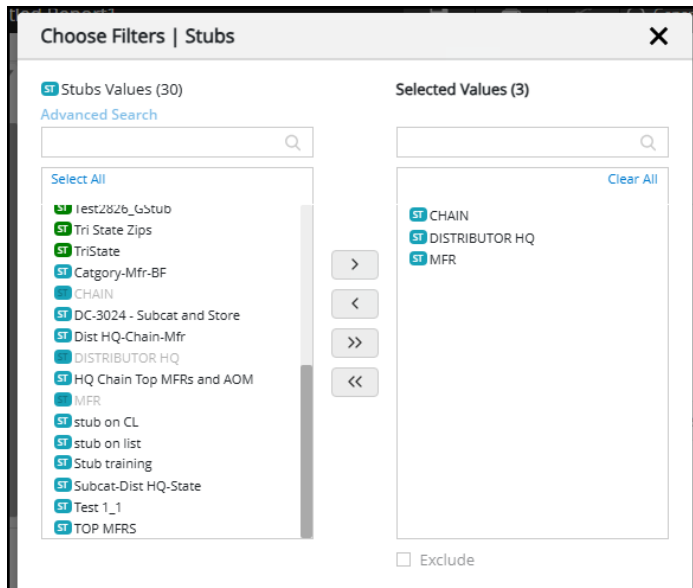
5. Click **Save**. Now this Stub will be available under the **Stubs** section of the **Attribute** panel.
6. Create another Stub by clicking on **Options** -> **New**.
7. Repeat steps 3-5 to create Stubs for **Chain** (with the name "CHAIN" provided in this example) and **Manufacturer** (with the name "MFR" provided in this example) as well.
8. Expand the Stubs section in the lefthand panel, locate the Stub **CHAIN**, then drag it into the **rows** section.



9. Once a Stub has been placed onto the Report, a new option will appear in the Stubs dropdown menu. Click **Add User Filter**. Here, users can select filter actions and appearance settings, such as whether a selection is mandatory, generation settings, etc. Select the option **Select User Filter Values**. This will allow the user to hand pick the Stubs to include in this UF dropdown in the report. Without selecting this option, all available Stubs (Personal and Global) will be listed in the UF dropdown.

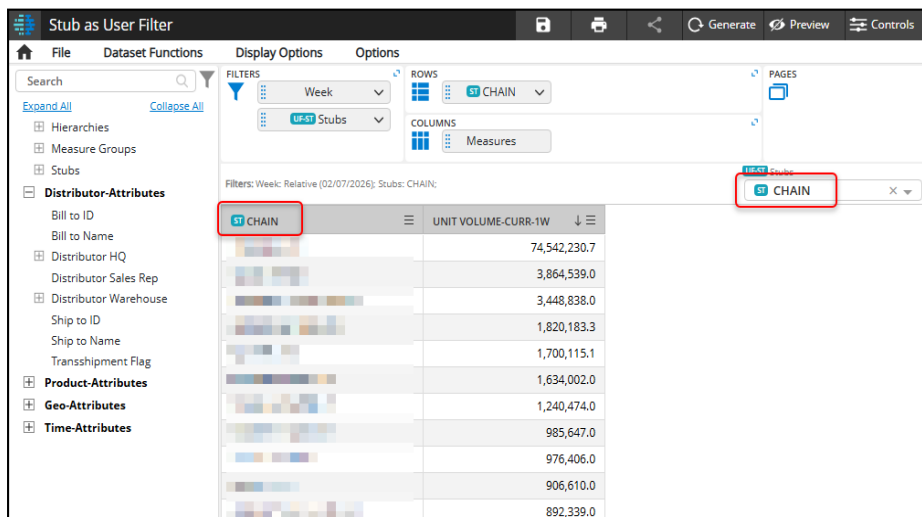


10. Click **Continue**.
11. In the next window, select the three Stubs that were created in this example (**CHAIN, DISTRIBUTOR HQ, MFR**), then use the right arrow to add them to the **Selected Values List**, as pictured below.

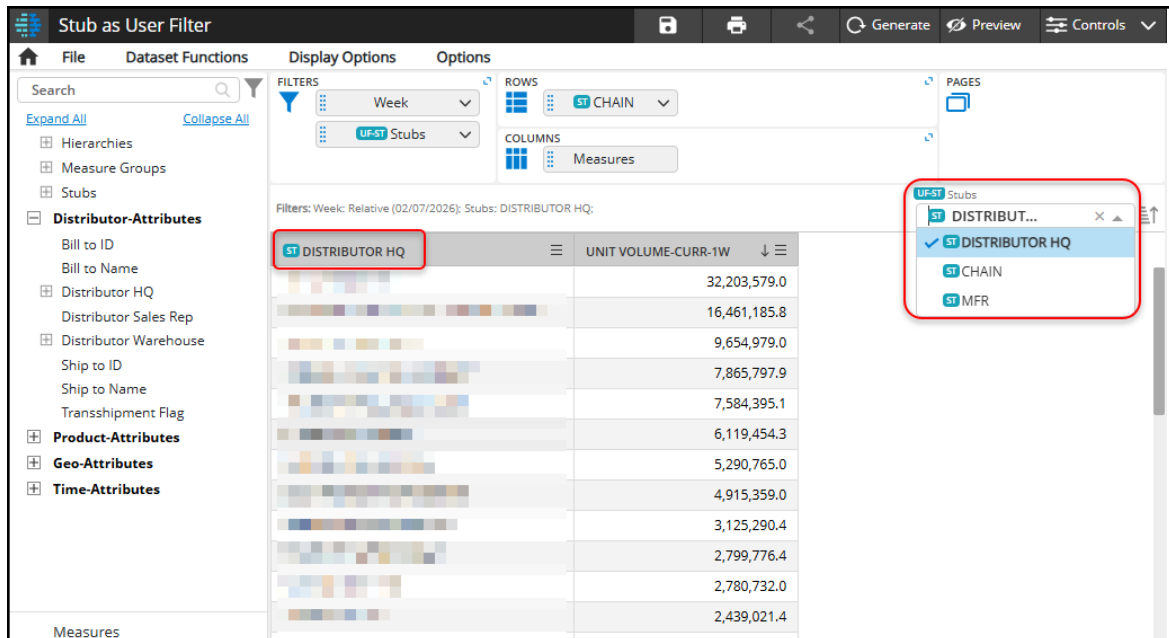


12. Click **Done**. A User Filter selection box will appear in the top right of the Report. Notice that only the three Stubs we selected are shown in this list.

13. Select **CHAIN** in the User Filter dropdown. Then click **Generate**.



14. In the Stub User Filter dropdown, select **DISTRIBUTOR HQ**. Then click **Generate**. Now the values for CHAIN are swapped out for those of DISTRIBUTOR HQ.

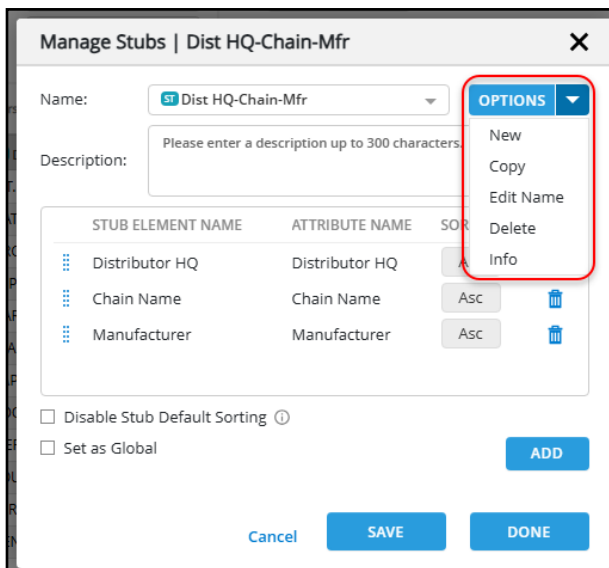


Copy, Edit Name, Delete

Users can make a copy of a Stub, edit a Stub name, or delete a saved Stub by using the following procedure:

1. Select the desired **Stub** in the Attribute panel OR click on the Stubs dropdown menu.
2. Click the down arrow and select the **Manage Stub** option.
3. Select the appropriate Stub name from the name dropdown list.
4. Click the **Options** dropdown menu and select the **Copy**, **Edit Name**, or **Delete** option.

Note: These options will vary if the user is not the Owner of a Stub.



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