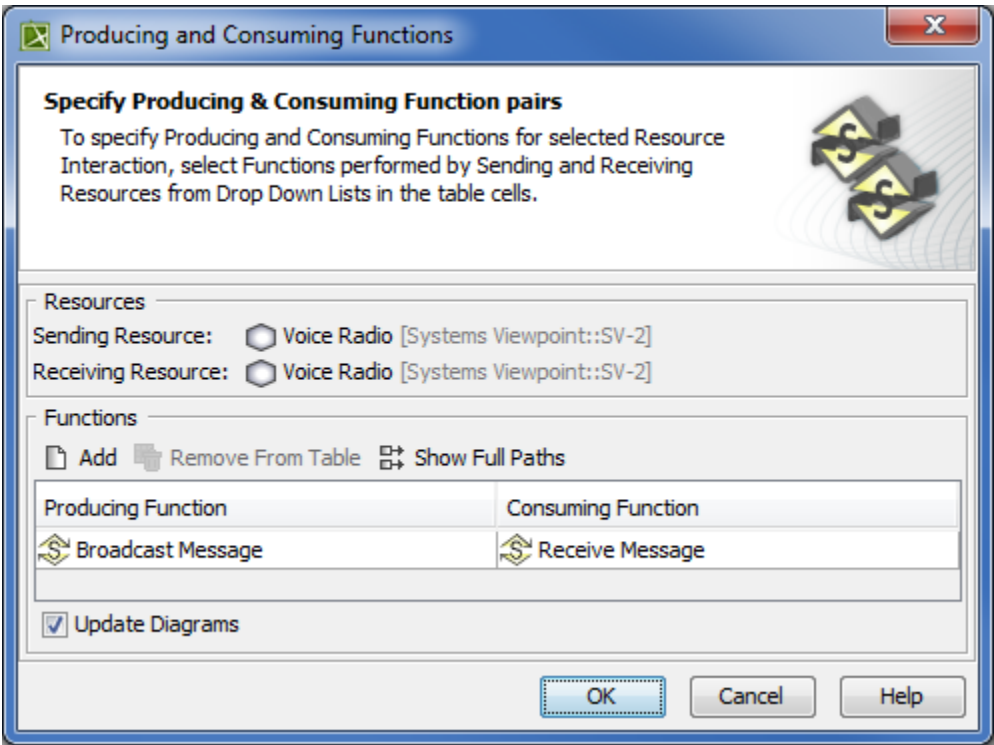






# Producing and Consuming Functions dialog

The **Producing and Consuming Functions** dialog allows you to specify or modify producing and consuming Functions for a selected Resource Exchange.



To open the **Producing and Consuming Functions** dialog

- In the Specification window of the Resource Exchange, select **Producing Function/ Consuming Function** property value cell and click .
- In the SV-6 Systems Data Exchange Matrix, select **Producing Function/ Consuming Function** cell and click .
- In the [Resource Exchange Manager dialog](#), Select **Producing Function / Consuming Function** cell:

- Click .
- Click  **Functions**.

The **Producing and Consuming Functions** dialog is embedded in the [Realized Resource Exchange wizard](#) as a step #2 .

The box and buttons of the dialog are described in the following tables.

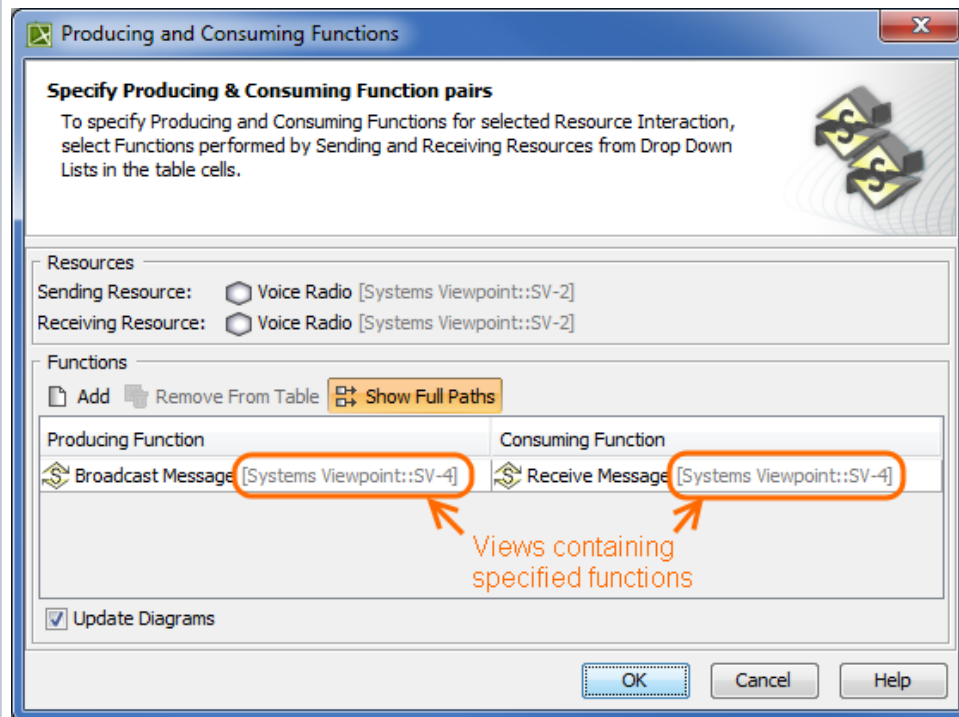
Box	Description
Update Diagrams	Select to update all related diagrams. Existing diagrams will be updated by displaying a particular resource interaction as a triangle on every Function Edge connecting producing and consuming function actions. If the specified Producing and Consuming Functions does not exist in any diagram, you will be suggested to create a new SV-4 System Functionality Description Flow (DoDAF), SV-4 Functionality Description Flow (MODAF), or NSV-4 System Functionality Description Flow (NAF) diagram. Producing and Consuming Function actions and the Resource Exchange will be represented in this new diagram.

Button	Description
Add	Click to add a new row for assigning a pair of Producing and Consuming Functions.
Remove From Table	Click to delete a selected Producing and Consuming Functions pair.

#### Show Full Paths

Click to show views containing specified functions (see the following figure).

Click once again to hide this information.




To create a pair of producing and consuming functions

1. Click the **Add** button. The empty row is displayed in the table.
2. In the **Producing Function** column of a selected row, create a new value:
  - Click the drop-down arrow to open a list of available functions and select one.



If you do not see the list of available functions, click  and select the **Performed Functions** button.

- Click the  button to create a new or select a function existing in the model. The **Select Function** dialog opens, wherein you are able to select or create functions.
3. Perform the same action described above for the **Consuming Function** column of the same row.

#### Related procedures

- [Filtering Operational Activities and Functions](#)
- [Realized Resource Exchange wizard](#)
- [Resource Exchange Manager dialog](#)