

# Creating matrices

You can create matrices by using either the main toolbar, main menu, or Containment tree.

To create a Requirement matrix

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1. In the Containment tree or on the diagram pane, select an element that can be the owner of the matrix.
2. Do one of the following:
  - From the main menu, select **Diagrams > Create Diagram**.
  - On the main toolbars, click the **Create Diagram** button.
  - Press **Ctrl+N**.
  - Right-click the element In the Containment tree and from the shortcut menu select **Create Diagram**.
3. Select one of the following:
  - **Derive Requirement Matrix**.
  - **Refine Requirement Matrix**.
  - **Satisfy Requirement Matrix**.
  - **Verify Requirement Matrix**.
4. Type a matrix name.
5. In the criteria area, select **Row Scope** to represent elements that are the clients of relationship.
6. In the criteria area, select **Column Scope** to represent the [Requirements](#) that are the suppliers of the relationship.
7. Click the **Refresh** button.