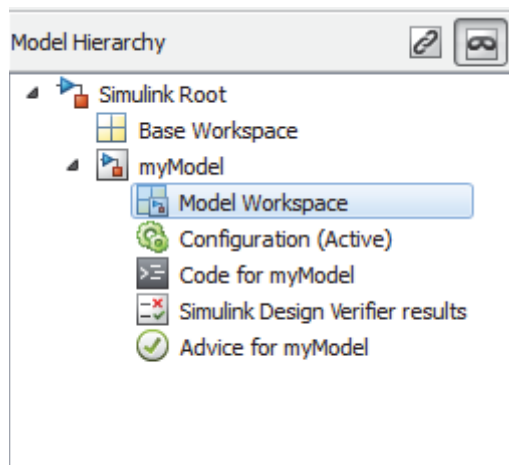# Change Model Workspace Data

When you use a model workspace to contain the variables that a model uses, you choose a source to store the variables, such as the model file or an external MAT-file. To modify the variables at the source, you use a different procedure depending on the type of source that you selected.

Change Workspace Data Whose Source Is the Model File

If the data source of a model workspace is the model file, you can use Model Explorer or MATLAB commands to modify the stored variables (see "Use MATLAB Commands to Change Workspace Data" on page 4-81).

For example, to create a variable in a model workspace:

1   Open the Model Explorer by selecting **View** > **Model Explorer** or by pressing **Ctrl +H**.

2   In the Model Explorer **Model Hierarchy** pane, expand the node for your model, and select the model workspace.

3   Select **Add** > **MATLAB Variable**.

You can similarly use the **Add** menu or toolbar to add a Simulink.Parameter object to a model workspace.

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To change the value of a model workspace variable:

1   Open the Model Explorer by selecting **View** > **Model Explorer**.
2   In the Model Explorer **Model Hierarchy** pane, select the model workspace.
3   In the **Contents** pane, select the variable.
4   In the **Contents** pane or in **Dialog** pane, edit the value displayed.

To delete a model workspace variable:

1   Open the Model Explorer by selecting **View** > **Model Explorer**.
2   In the Model Explorer **Model Hierarchy** pane, select the model workspace.
3   In **Contents** pane, select the variable.
4   Select **Edit** > **Delete**.

Change Workspace Data Whose Source Is a MAT-File or MATLAB File

You can use Model Explorer or MATLAB commands to modify workspace data whose source is a MAT-file or MATLAB file.

To make the changes permanent, in the Model Workspace dialog box, use the **Save To Source** button to save the changes to the MAT-file or MATLAB file.

1   Open the Model Explorer by selecting **View** > **Model Explorer**.
2   In the Model Explorer **Model Hierarchy** pane, right-click the workspace.
3   Select the **Properties** menu item.
4   In the Model Workspace dialog box, use the **Save To Source** button to save the changes to the MAT-file or MATLAB file.

To discard changes to the workspace, in the Model Workspace dialog box, use the **Reinitialize From Source** button.

Changing Workspace Data Whose Source Is MATLAB Code

The safest way to change data whose source is MATLAB code is to edit and reload the source. Edit the MATLAB code and then in the Model Workspace dialog box, use **Reinitialize From Source** button to clear the workspace and re-execute the code.