The From Workspace block reads data into a Simulink® model from a workspace and provides the data as a signal or bus at the block's output. You can load data from the base workspace, model workspace, or mask workspace. You can use the From Workspace block to load signal data into any model or subsystem in a model hierarchy from a workspace accessible to the referenced model or subsystem.

You can specify how the block constructs the output from the workspace data, including the output sample period, interpolation and extrapolation behavior, and whether to use zero-crossing detection.

The From Workspace block icon shows the value of the **Data** parameter. For example, if you use the From Workspace block to load data in the variable *x*, you specify x as the value for the **Data** parameter, and the block displays x.

**Specify Data to Load**

Specify data for the From Workspace block to load using the **Data** parameter. You can specify the value of the **Data** parameter as a MATLAB® expression, such as a variable name. The expression in the **Data** parameter must evaluate to data in a format that the From Workspace block supports. For details about how the expression is evaluated, see [Symbol Resolution](https://www.mathworks.com/help/simulink/ug/resolving-symbols.html).

The From Workspace block does not load data from a data dictionary. Use a data dictionary to store only design data for a model, not simulation input data. You can store design data related to the From Workspace block, such as the value for the **Sample time** parameter, in a data dictionary.

**Ports**

**Output**