

From File

Read data values from a variable in the specified MAT-file.

The data values may be specified in MATLAB timeseries or matrix format.

MATLAB timeseries may be used for any data type, complexity, or dimensions. To load the bus signal, use a MATLAB structure that matches the bus hierarchy. Each leaf of the structure must be a MATLAB timeseries object.

Matrix format can be used only for vector, double, noncomplex signals. Each column of the matrix must have a time stamp in the first row and a vector containing the corresponding data sample in the subsequent rows.

Simulink incrementally reads data from MAT-files of version 7.3.

The MATLAB timeseries and structures of timeseries must be saved in MAT-files of version 7.3.

Parameters

File name: orientation_input_file.mat



Output data type: Inherit: auto



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Sample time (-1 for inherited):

1/1000

0.001



Data extrapolation before first data point: Linear extrapolation



Data interpolation within time range: Linear interpolation



Data extrapolation after last data point: Linear extrapolation



☐ Enable zero-crossing detection

OK

Cancel

Help

Apply