Simulink Release Notes

Data Management

- More accurate comparison of nondouble data to specified minimum and maximum values
- Deep copy of handle objects by Simulink.ModelWorkspace.assignin

Data Management

- Improved display of large arrays by Model Explorer and Simulink.Parameter property dialog boxes

Before R2016b, for numeric MATLAB variables and Simulink.Parameter objects, the Model Explorer Value column displayed large arrays as read-only text, such as <3x5x3 double>. The property dialog box for Simulink.Parameter objects also used this read-only text.

In R2016b, the Model Explorer and property dialog boxes display the entire value of large arrays. To modify the elements in the array, you can edit the displayed text.

Arrays with three or more dimensions appear as an expression that contains a call to the reshape function. To edit the values in the array, modify the arguments of this reshape call.
Simulink Project Upgrade

Easily update all the models in your Simulink Project to the latest release

- Avoid the manual process of upgrading one model at a time
- Simulink Project upgrade is an easy to use UI to automate the upgrade process of all the models in a Simulink project
- Fixes are automatically applied and a report gets generated

Learn more at this session: Team-Based Collaboration in Simulink
Clone Detection
Edit at the Speed of Thought
Intuitive Stateflow
Restore Missing Variables

- Renamed MYTYPE
- Deleted K2

**Variable 'MYTYPE' has been renamed to 'SignalType' in 'example.sldd'.**

- **Suggested Actions**
  - Create a new variable named 'MYTYPE' as a copy of 'SignalType'.

**Variable 'K2' has been deleted from 'Model Workspace'.**

- **Suggested Actions**
  - Undo the deletion.
  - Fixed: Deletion of 'K2' has been reverted.
Simulink Cache
Simulation Input
Monitor Your Parallel Simulations
Simulation Output
New Verification and Validation Products

- Simulink Requirements – requirements authoring, editing, trace, management
- Simulink Coverage – model and code coverage analysis
- Simulink Check – static checking, metrics, clone detection

Learn more at this demo station: Model Verification and Validation in Simulink
Automated Driving System Toolbox: Simulink Support

- Simulink support for tracking and sensor fusion
  - Closed-loop ACC example

Learn more at this demo station:
New for 2017: Automated Driving System Toolbox and Powertrain Blockset