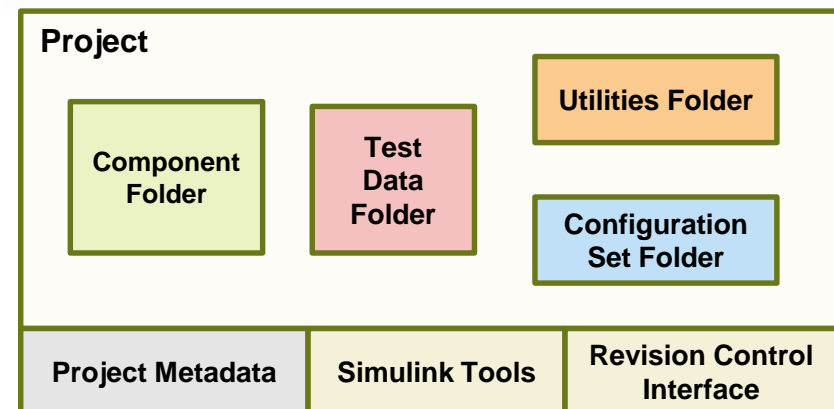
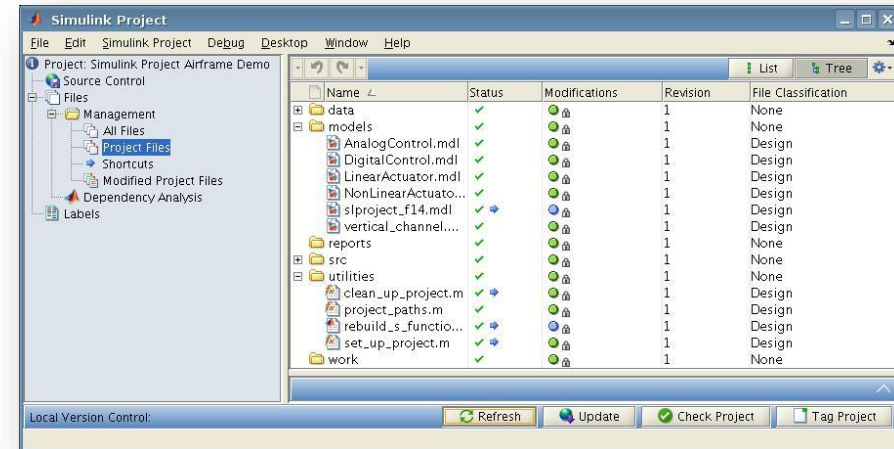


Introduction to Simulink Projects

Simulink Projects

Manage design-related files efficiently within Simulink

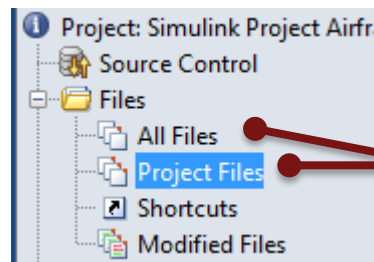
- Search, manage, and share related files in a Simulink project
- View revision information
- Peer review of changes using XML comparison tools
- Access version control functionality



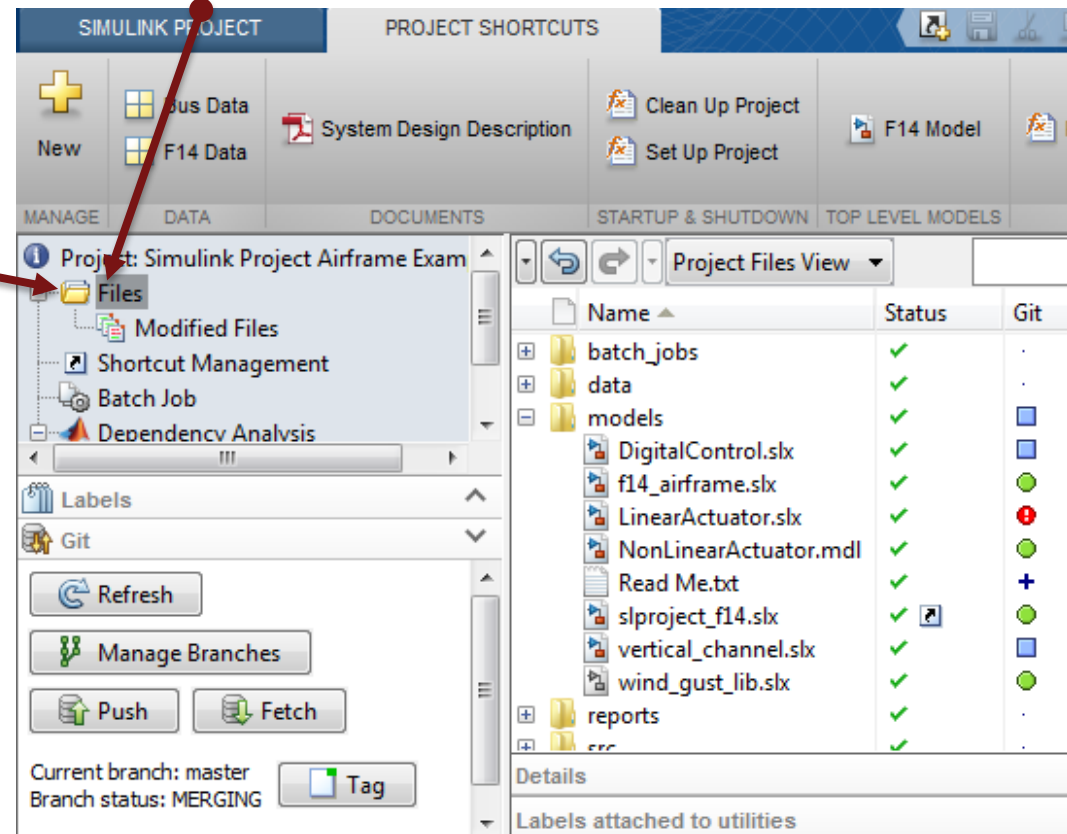
New Features in R2014b and R2015a

Consolidate File Views

Consolidated File View



Files Node

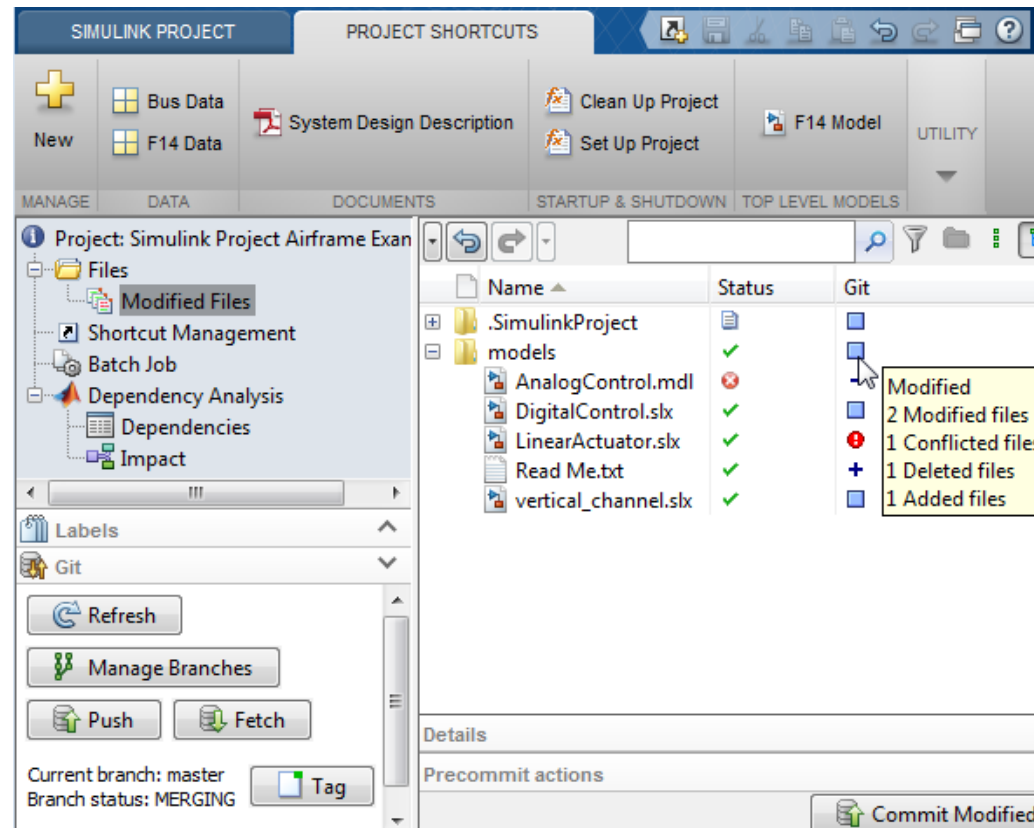


- Combined Project Files and All Files View
- Easily add and remove files from the project
- Full drag and drop support
- File actions tied to project status: creation, deletion and move.

Rolled Up Source Control Status

Rolled up source control status is shown for folders.

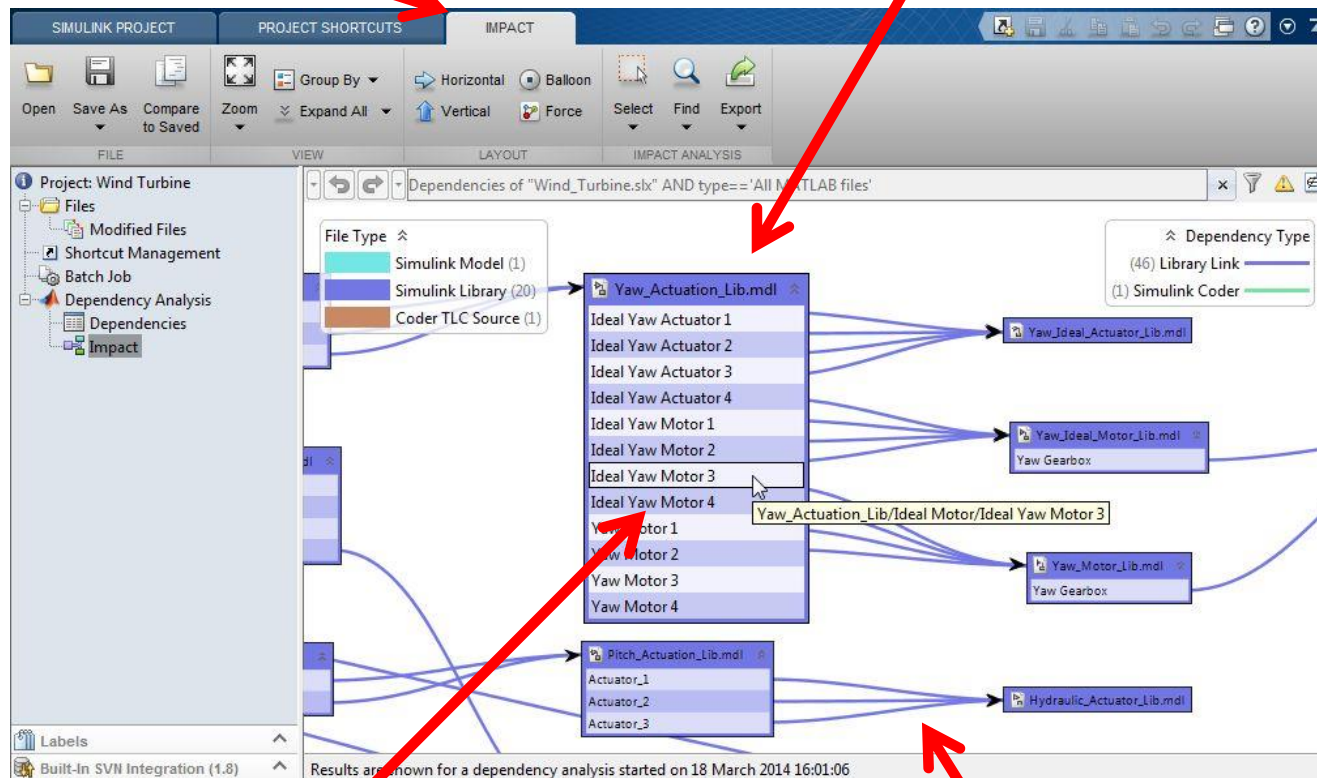
- Easy to locate changes in file view.
- Tooltip summarizes what changes are in the folder.
- Fully recursive



Improved dependency viewer

Easily find tools on the new toolstrip

Popup makes the viewer easy to use even when zoomed out

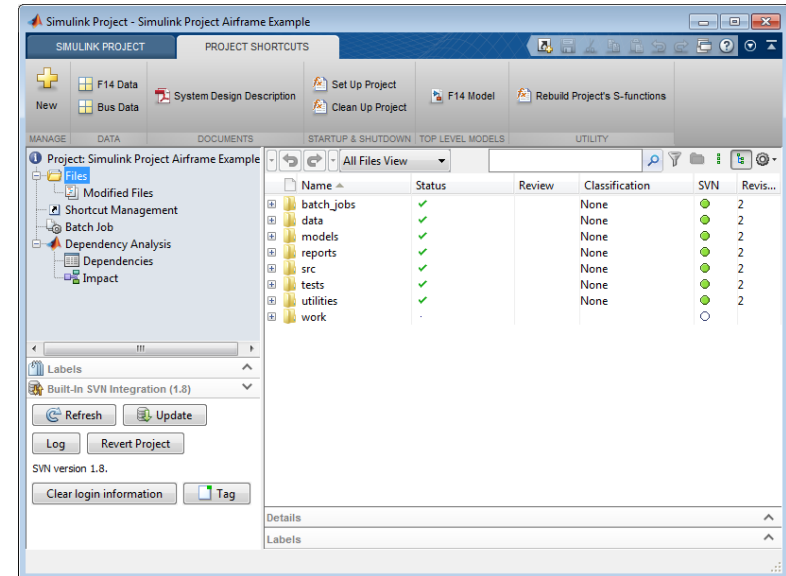


Expand files to see which blocks have dependencies

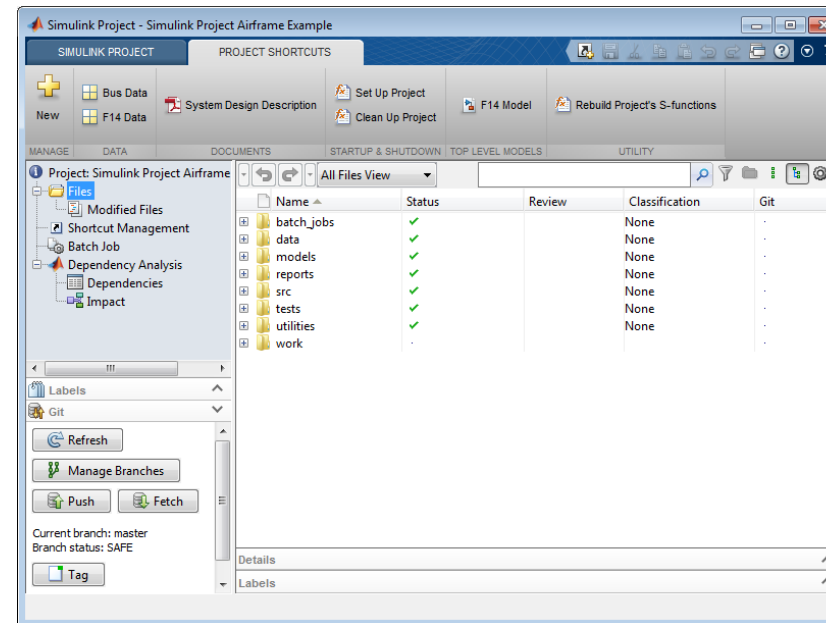
Improved edge routing makes it easier to interpret large projects

New Source Control Demos

- sldemo_slproject_airframe_svn

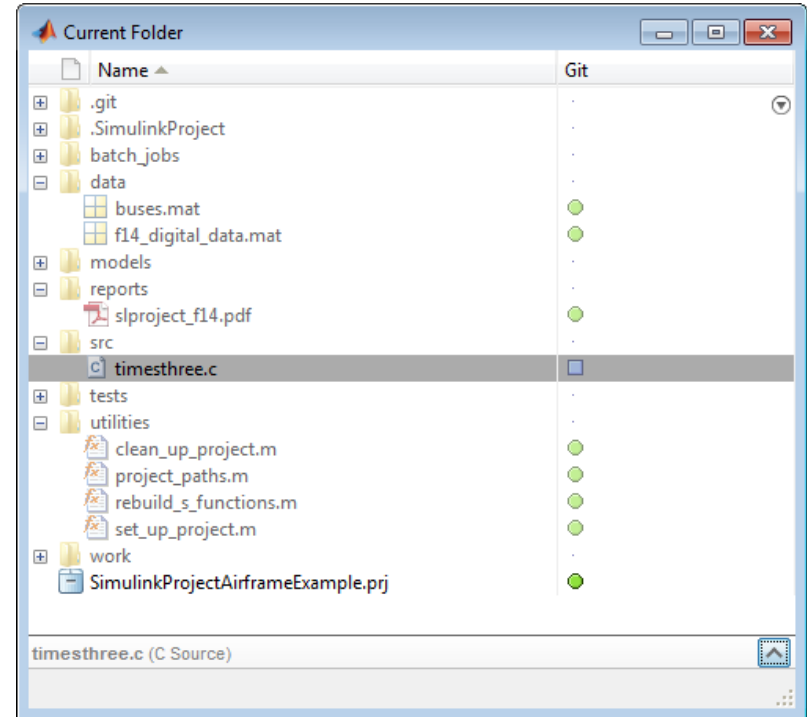


- sldemo_slproject_airframe_git



Desktop Source Control Integration

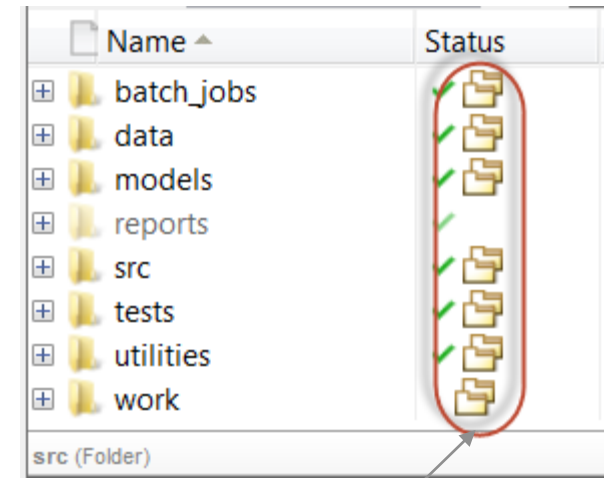
- Source control available in the current folder tool
- Does not require a Simulink license
- 14b limitation: opening a Simulink project will disable source control in the current folder tool.



Simulink Project: MATLAB Search Path Management

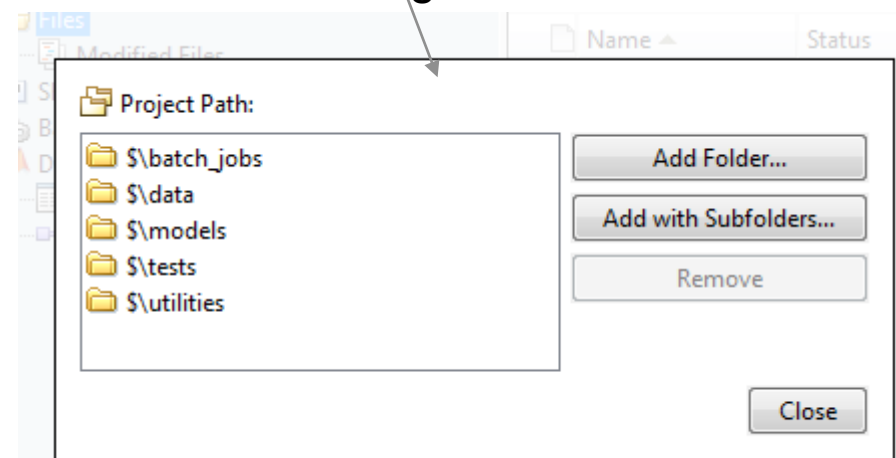
Automatically manage your MATLAB search path with your projects.

- Project path folders added to MATLAB search path on project start.
- Project path folders removed from the MATLAB search path on Project close.
- No longer a need to write startup shortcuts to manage MATLAB's search path



On path icon

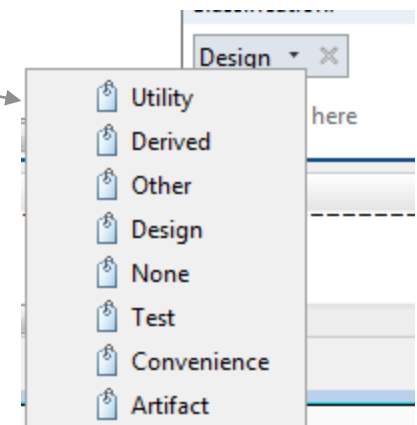
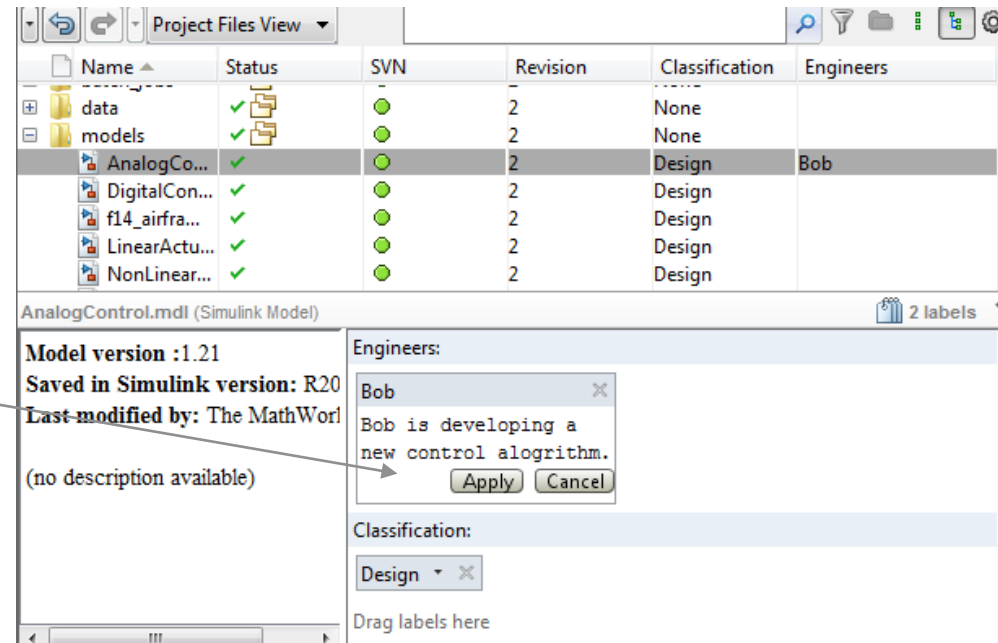
Path Manager UI



Simulink Project: New Label Panel

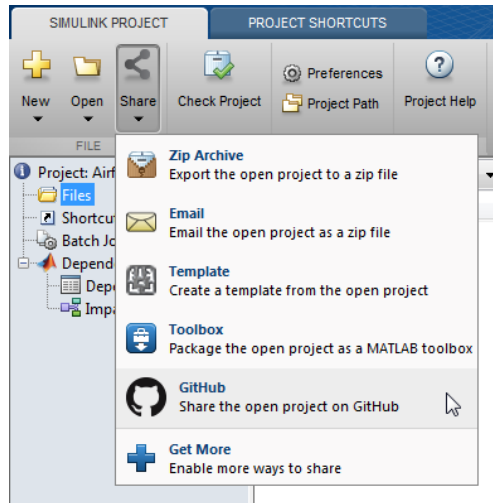
Easily add, modify and view labels attached to a file.

- Easily see and edit label data for all labels attached to a file.
- Use drag and drop to add labels.
- Easily switch between single-valued labels.

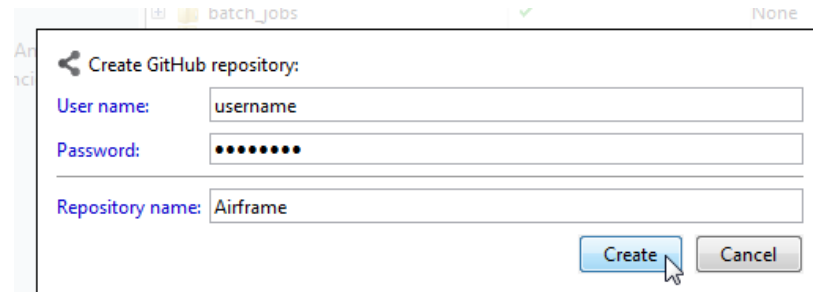


» sldemo_slproject_airframe

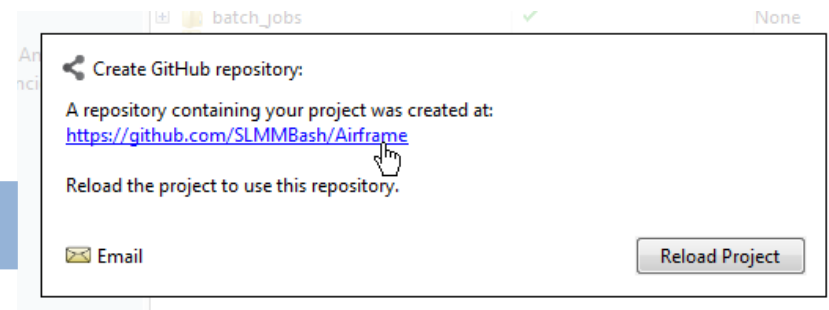
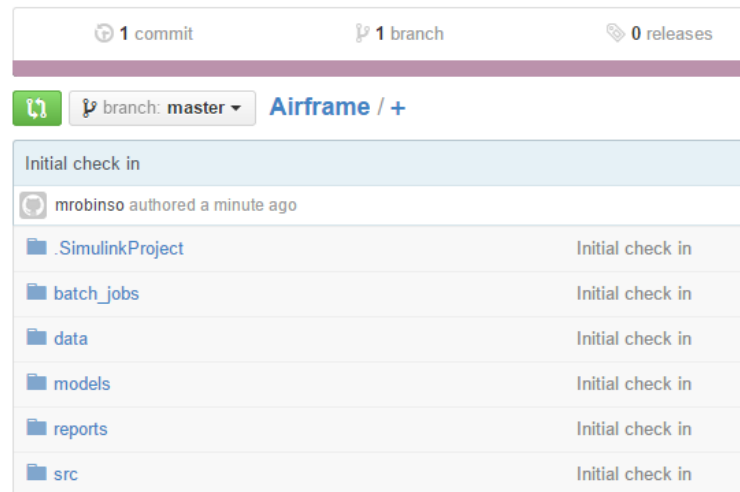
Enable Share on GitHub



Enter your GitHub username and password



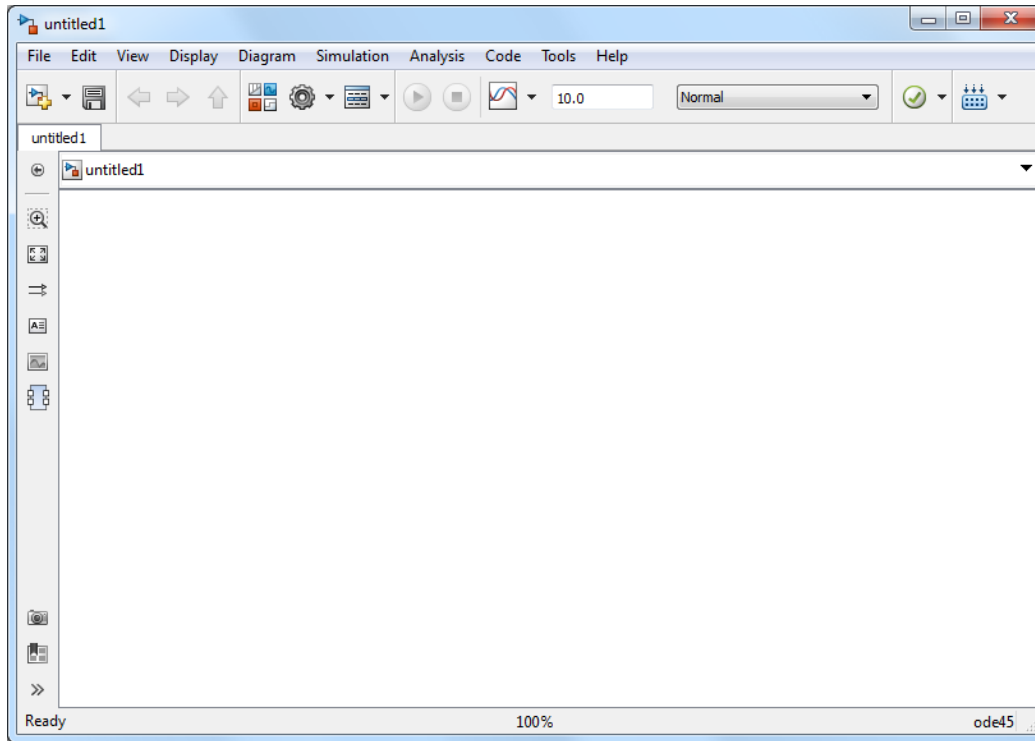
This example project uses the Project Environment template to set the MATLAB generated code is placed (slprj folder location). — Edit



Follow the link to view your GitHub repository website

Model Templates

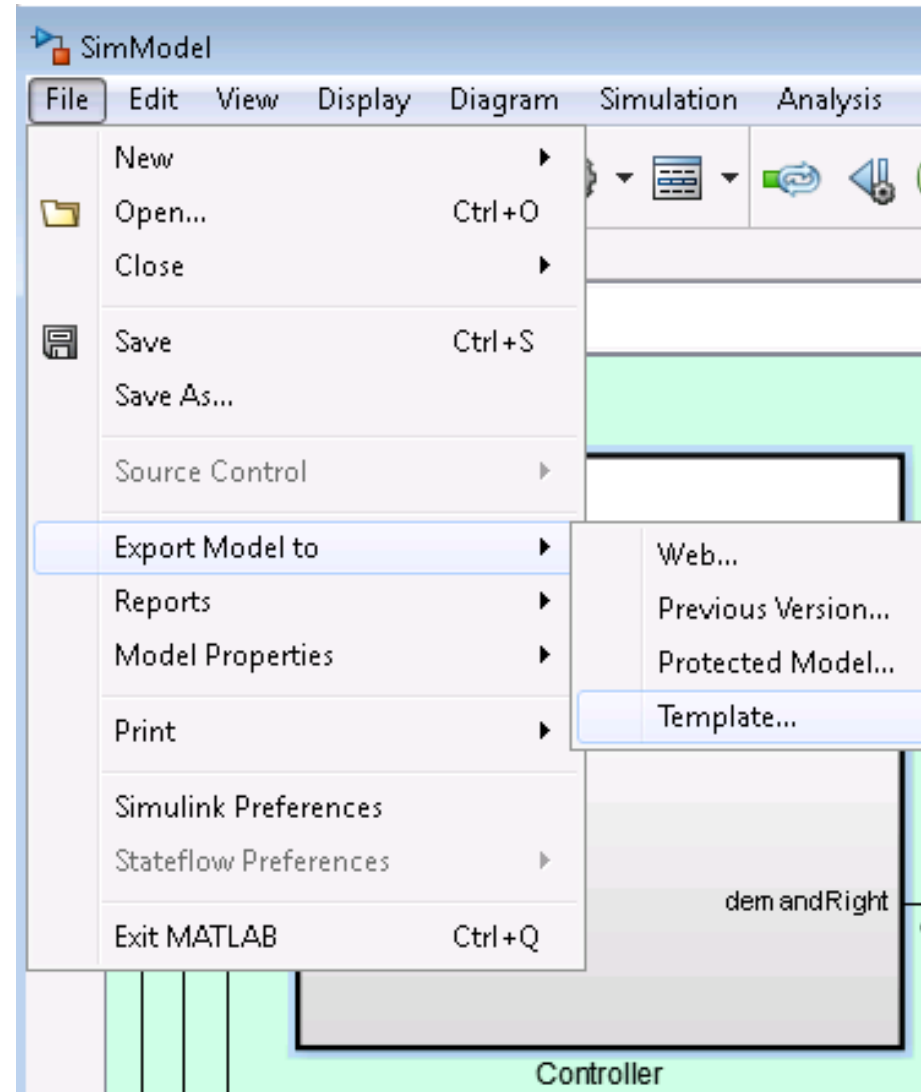
Enhance “New Simulink Model”...



Model Templates

Build models using design patterns that serve as starting points to solve common problems

- Use shipped templates to get started with building models or create custom templates to from a Simulink model
- Avoid repetitive tasks when starting out to build a new model
- Enforce a standard process for building models for the entire team or organization
- Avoid problem of corrupting original file when creating a new model



Introduced New Feature for Simulink Projects

✓ Simulink Projects	R2011b
✓ SVN integration	
✓ Git integration	R2014a
✓ Enhanced impact analysis	R2014b
✓ Simulink model templates	
✓ Share to GitHub	R2015a
✓ New Label Panel	
✓ Simulink Project Path	