

Changes in Version 0.9.4

Note: There have been numerous additions to the Factory Settings (defaults), so the first time you open a model with this release you must use the Refresh Factory Settings tool and save the model.

New Functionality

1. Added two new commands: **Set CabWriter Protection** and **Clear CabWriter Protection**. Both these commands can be found on the **Edit > CabWriter** menu and the **Context > CabWriter** menu. The Context menu is not available unless at least one entity is selected. When **Set CabWriter Protection** is used you will see the result in the Extended Entity Info dialog box and the Re-Name Component dialog box; the CabWriter Protected checkbox will be checked.
2. Coded the Re-Name CabWriter Component dialog box to close when the Close button is pressed.
3. Disabled the Re-Name CabWriter Component dialog box Current Component Name field to make it read only. Also widened the dialog box to put all labels on one line for better readability.
4. Corrected a label name in the Component Type drop down on the Re-Name CabWriter Component dialog box; SP is Sheet Panel, not Side Panel. Sheet Panels are end panels made of sheet goods instead of frame and panel construction. Sheet Panel (SP) components are placed on the Boxes layer and are included when exporting to DXF files.
5. Coded the Re-Name CabWriter Component dialog box to automatically place the named component on the appropriate layer. E.g. and SP component on the Boxes layer, EP on the End Panels layer etc.
6. Added a tool called Create A Back Panel.

In the CabWriter Settings dialog box changed the name of the End Panels tab to simply Panels. In the Panels tab Base Back Panels and Upper Back Panels defaults were added.

The CabWriter Settings CutList tab has been changed to reflect Back Panel defaults. Also, the Shaper Allowance Has been moved to its own section because it is applied to each edge of a frame stile or rail that the shaper is used to mill. For example, a 1/16" shaper allowance is applied twice to a back panel mid stile because there is a groove on both sides.

7. Added a context command called CabWriter > Select Sub-Assembly > Select Back Panels.
8. Provided for specification of a bottom inset for the base cabs which works just like the upper cabs. Bottom inset is intended to work with bottom rails; therefore a bottom rail must be used when using a bottom inset. Bottom inset is specified by default Bottom Inset in the CabWriter Settings dialog box Base Cabinets tab near the bottom of the Base Carcass section.
9. Provided for metric output when using Export to DXF command in CutList Bridge DXF. Depending on your Units setting in the SketchUp Model Info dialog box the exported files will be in inches or millimeters. See a related fix number 8 below.

Fixes

1. Fixed a bug that was a result of integrating CutList Bridge DXF into CabWriter. An error message would appear in the Ruby Console when pressing the OK button in the Re-Name CabWriter Component dialog box.

2. Fixed a bug in Create Section From Section Plane that was introduced when I added the option to choose either the Front or Back face coloring. Also provided a rescue path message should a material be deleted after it is assigned using the Assign Hatches tool.
3. Fixed a problem where components with a cabinet prefix but no assigned material type or name produced an error when the Assign Hatches tool was used. This occurs when the user adds components and assigns them a cabinet component name with the Re-Name Component tool, but fails to assign attributes in the Extended Entity Info dialog box. Provided three messages to instruct the user to do so before proceeding.
4. Widened the Extended Entity Info dialog box so that all labels appeared on one line.
5. Fixed the Extended Entity Info dialog box so that it would open in the same position on the screen that it occupied when previously closed. It is now consistent with the CabWriter dialog boxes in that behavior.
6. Added logic to prevent a user from accidentally overwriting an existing defaults file when using the "Save CabWriter Defaults" tool.
7. Fixed a problem where the Insert a Drawer and Insert a Door tools could place a door or drawer front to the right of the cabinet opening.
8. Fixed the CabWriter Settings dialog boxes (tabs) so that they accept and format length inputs in the formatting style of the country language specified in SketchUp and by units specified in the Model Info Units section.
9. Fixed a severe performance issue with cut list exporting that became exacerbated with SketchUp 2017. Filed a bug report with SketchUp.
10. Fixed a bug with one box cabinets where End Opening stiles were used at both ends. The Right End Opening was drawn but never moved into position.