

SolidWorks Tips & Tricks Part 2



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*Special Thanks To:
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Product Creation Studio*



- Feature Tree Management

- Shrink the length of the feature tree by adding feature sets to folders
- Create logical names for folders for easy edits



- Feature Management

- Automatically rename features as they are created
- Add feature comments for additional notes



- Multiple Feature Reorder

- Ctrl/Shift-Select features to be reordered
- R-click and add to folder
- Reorder folder
- Delete or Rename folder if needed



- Feature Egg Hunt

- Edit original feature from any pattern instance
- R-click any patterned instance and select edit seed feature



- Multiple Profile Split Curve

- Use Wrap instead of Split Curve to split multiple profiles at once
- Only works on flats, cylinders, or conics



- How to Repeat Repeat a Command
 - Press enter to repeat the last command
 - Not all commands work
 - Some require selections to be clear (do not pre-select)



- Abnormal Too

- Select normal to for view normal to selection or active sketch
- Select normal to again to get the “other” normal
- Enter works well to repeat this command



- Dimensions in a Fraction of the time
 - Type in actual fractions in dimensions to eliminate conversion errors
 - Use space between whole numbers and fractions
 - Use other math functions as well



- R-click and R-find you R-lost
 - Customize r-click menu to show commonly used commands
 - Customize all r-click menus (context sensitive)
 - Expand all menu content (tools customize)



- Suppress or Unsuppress Features for Multiple Configs
 - Use the edit menu for more powerful suppress or unsuppress
 - Select all or specific configurations



- Let Your Fingers do the Walking

- When in rollback use the arrow keys on the keyboard to roll
- Set your options to allow arrow key navigation in feature manager



- 5 Finger Discount

- You must use a 3 button (minimum) scroll wheel mouse
- Roll the wheel to zoom in to the mouse cursor location (dynamic)
- If it doesn't zoom then disable intelli scroll for SolidWorks



- No More Crop

- Add Snapshot button to copy graphics area to ClipBoard



- Multi-Open from Open Dialog
 - Open more than one file at a time in the open dialog



- Quick Copy and Mate Components

- Ctrl drag component to copy within or across assemblies
- Use mating faces for drag and drop to create auto mates upon copy



- Moving Assembly Components

- LMB for free drag
- RMB for free rotate
- Move with triad



- Isolate Your Mate

- Use view mates from the r-click menu for a selected component
- Only shows components involved (hides others)
- Displays mates on flags around glass models



- Drag Your Mates

- Alt+Drag geometry onto mating geometry within the same assembly
- Quick simple mating conditions
- Combine mates in one drag using edges



- Show Your Hidden Parts

- Show hidden components within subassemblies without searching
- Shift+C to collapse feature manager
- Select subassemblies or all components (parts ok as well)
- R-click show with dependants



- Visualize Less for a Moment
 - Hide unwanted components then bring them back
 - Great for assembly mating
 - Useful in presentations and project meetings



Thank You!

