

60 AutoCAD Tips in 60 Minutes

Lynn Allen

Autodesk Evangelist

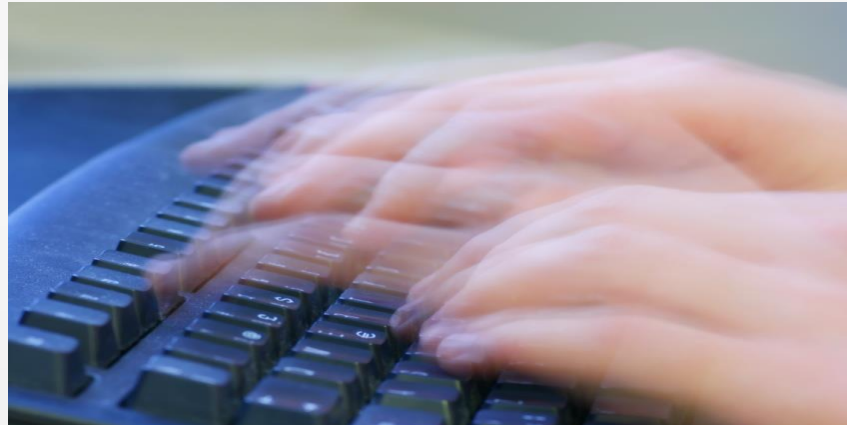
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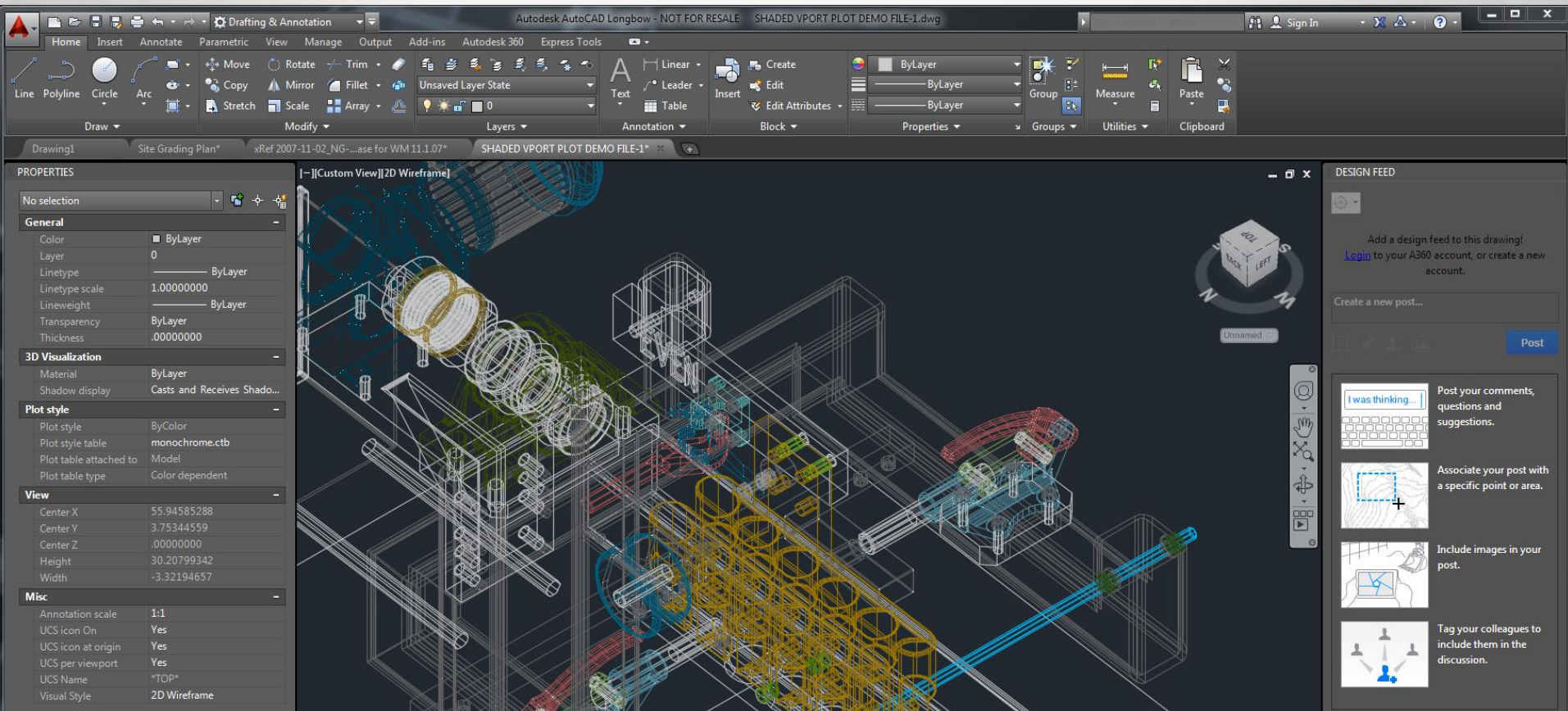


Objective:

Show you tips and techniques that will increase your productivity and help you work smarter!



AutoCAD 2015: Refined interface





User Interface

1) Dark Theme (COLORTHEME)

2) New Tab

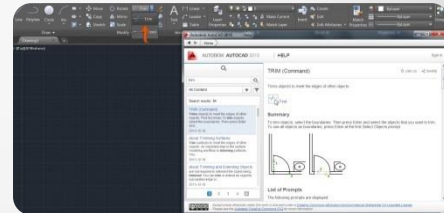
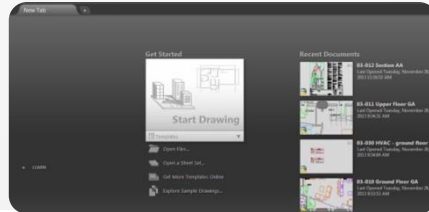
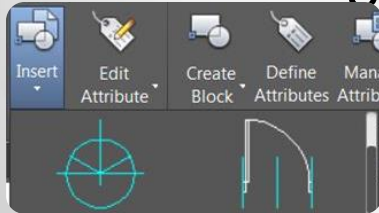
Note: Set NEWTABMODE and STARTUPMODE to 0 to display AutoCAD 2014 behavior

3) New Help arrow

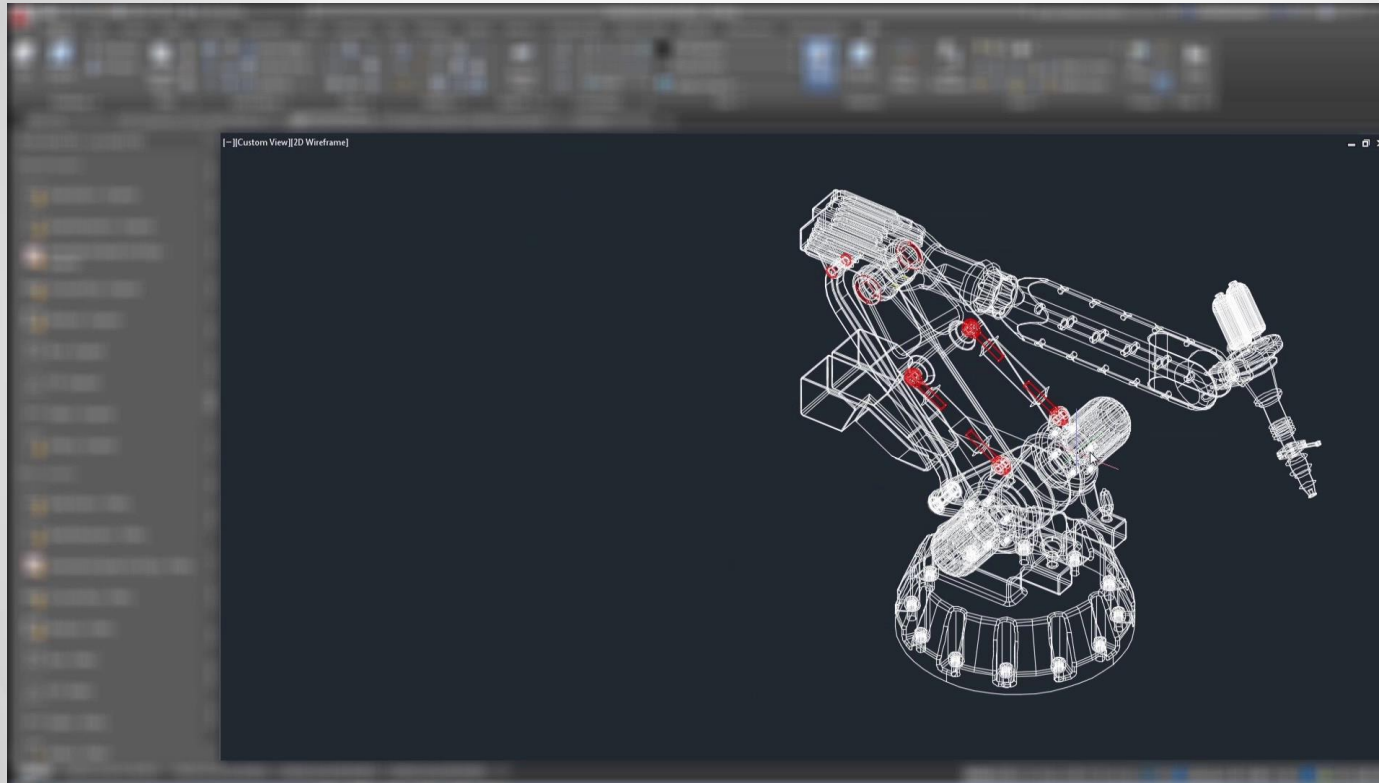
4) Galleries

5) Layouts improvements

6) 3D Orbit target point



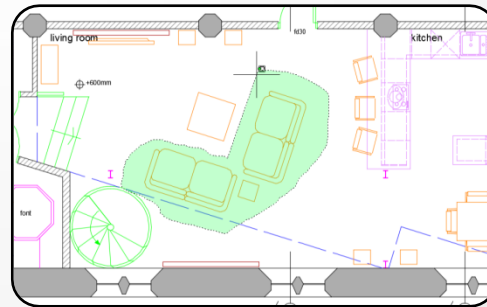
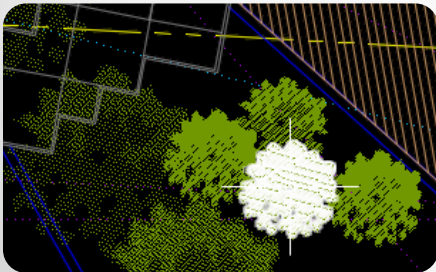
7) Line smoothing



Improved Graphics



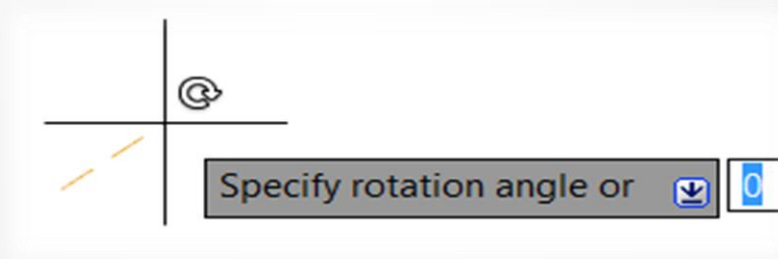
- 9) Complex linetypes display as you create and edit
- 10) Improved object selection display
- 11) New Lasso option
- 12) Model Space Viewport enhancements





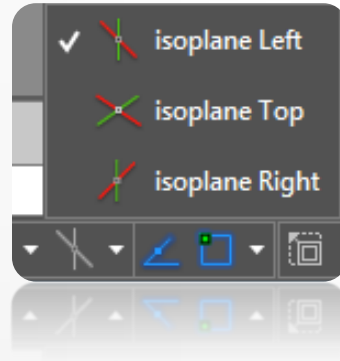
Create/Edit tools

- 13) Command preview for: Trim/extend
- 14) Command preview for Break/Matchprop
- 15) Cursor Badges (CURSORBADGE set to 1 to disable)
1:45
- 16) Fillet open polylines to itself (including arcs)



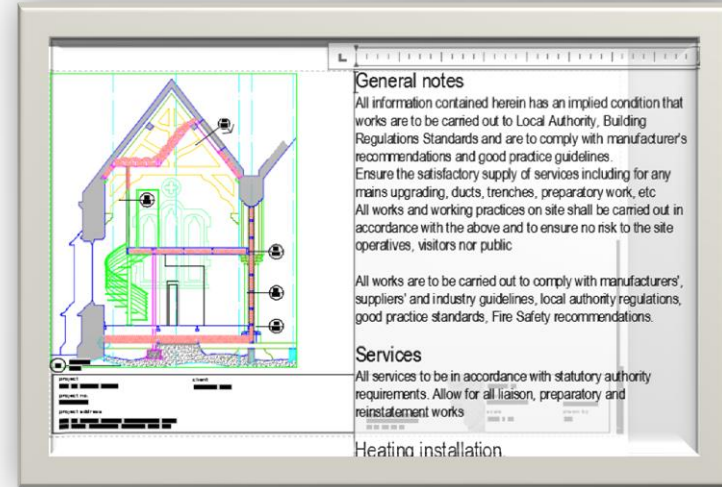
Create/Edit tools

- 17) Object snaps ignore dimension extension lines
- 18) DIMCONTINUEMODE
- 19) Isometric Drafting tools



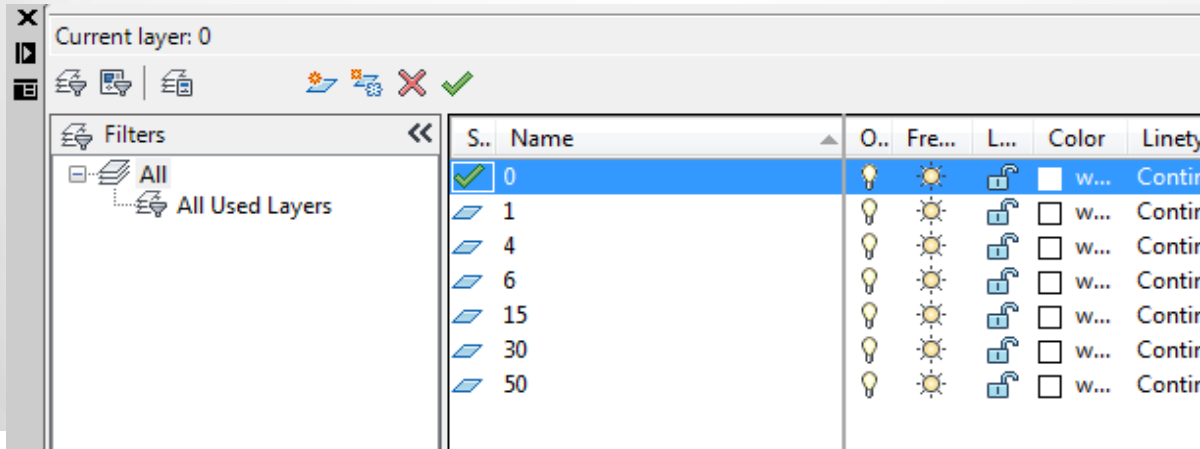
Text Improvements

- 20) Mtext Transparency
- 21) Better column control
- 22) sMART AutoCaps
- 23) Autobullets and numbering
- 24) Improved fractions
- 25) Super/Subscript
- 26) Tooltips added to tabs and markers
- 27) TEXTALIGN



Layer Tips

- 28) Layer names now sorted based on their natural order. (SORTORDER)
- 29) Crossing Window to select multiple layers
- 30) Print Layers in Excel **2:00**
- 31) Add Layer Drop Down to the Quick Access Toolbar



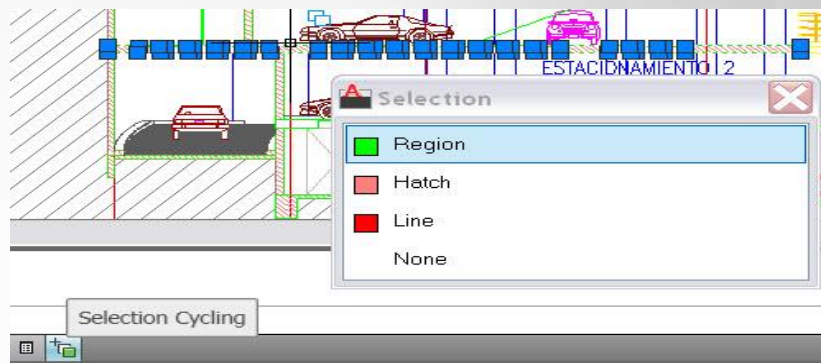
TimeSavers!

- 32. Use CHANGE command to quickly lengthen/shorten lines
- 33. QDIM for speedy dimensioning
- 34. Ctrl to Reverse an Arc
- 35. TORIENT
- 36. Oops
- 37. Ctrl+R to Cycle Viewports



Object Selection Tips:

- 38. Add Selected Objects
- 39. Duplicate Dimensions
- 40. Select Similar
- 41. Select Similar Settings
- 42. Selection Cycling
- 43. Object Isolation – Hide/Isolate
- 44. Set OBJECTISOLATIONMODE to 1 to persist between drawings



Clean up your drawings

- 45. Use Join to combine objects into a single pline **2:15**
- 46. Blend command to complete curves
- 47. Delete Duplicate Objects with OVERKILL
- 48. Fix overridden dimensions with DIMREASSOC



Cool System Variables



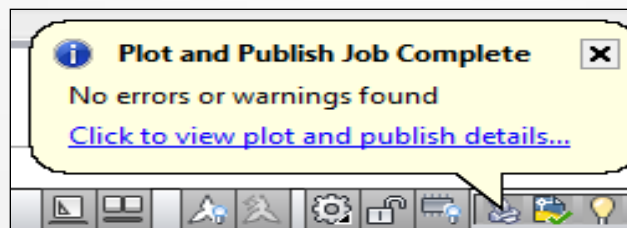
49) PEDITACCEPT

50) TRAYNOTIFY

51) MTJIGSTRING

52) Easiest way to work with system variables...SYSVDLG

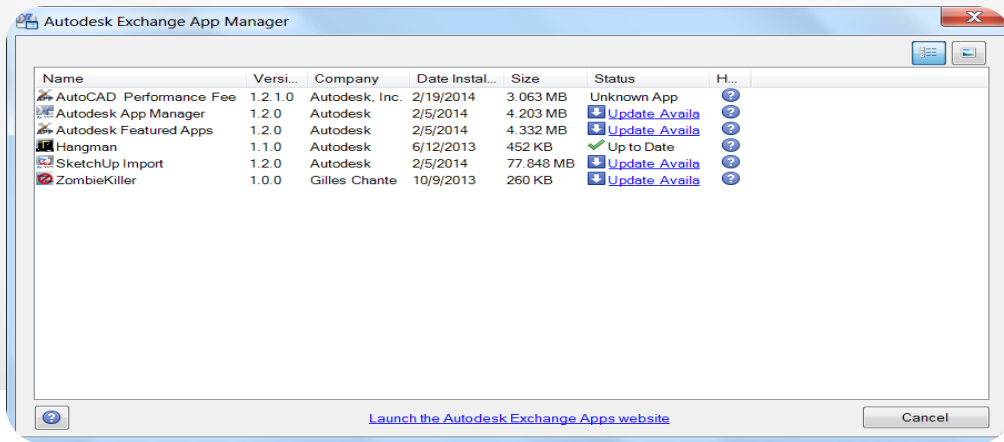
53) Save your system variables to a file



Autodesk App Store

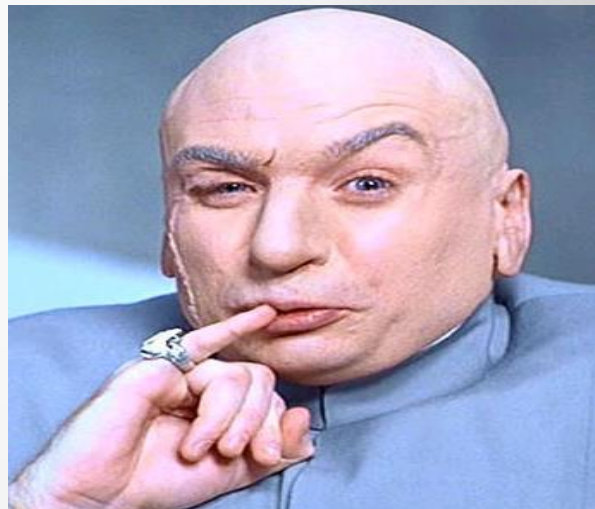
<http://apps.exchange.autodesk.com>

- 54) Find your favorite Application at the Autodesk Exchange
- 55) Sketch-up App for importing SKP files
- 56) Autodesk Exchange Manager to manage your applications



Bonus! Tips to Abuse your Coworkers

- 57) Zoomfactor controls speed of mouse wheel (3 -100)
- 58) Zoomwheel set to 1 to reverse Zoom
- 59) Pickbox to 0
- 60) FILEDIA to 0
- 61) UNDEFINE
- 62) Alert



Go to AU Online for extra tips!

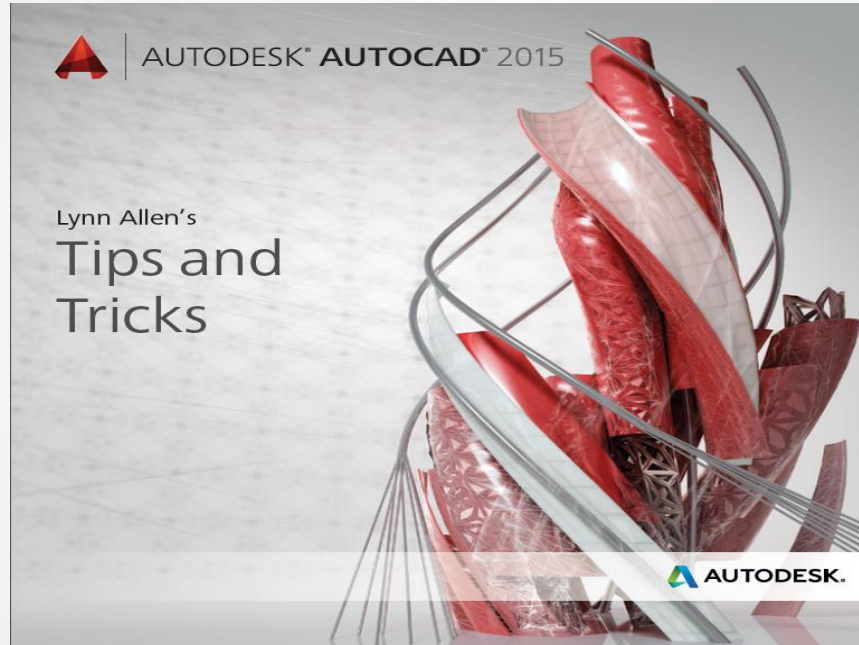


Autodesk University

www.autodeskuniversity.com

AutoCAD 2015 Tips and Tricks booklet

www.autodesk.com/lynnallen



Visit my blog or Cadalyst for more tips:

www.autodesk.com/lynnallen



Lynn Allen's Blog

Staying current with AutoCAD and other Autodesk news, highlights, and events worldwide.



Save Your Drawings to the Cloud with Autodesk 360

... as long as you have an Internet connection. In this **video** tip from Cadalyst and Lynn Allen, you'll see how to automatically ... you're working outside the office. (AEC, AutoCAD, Videos: AutoCAD Tips by Lynn Allen, Management, Manufacturing) ... [more>>](#)



Embrace the Cloud, Increase your AEC Business (Gratuitous Plus)

- Thursday, 3:00 pm to 4:00 pm
- Breakers H, Level 2



Thank you for joining me!
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