

SYSTEM VARIABLE SETTINGS

System variables are settings that control how certain commands work. They can turn on or off modes and can set default scales for hatch patterns. You can use a system variable to change a setting or to display the current status.

FILEDIA – Enables or suppresses the display of file navigation dialog boxes – to have the dialog boxes appear, it needs to be set to 1 (=on, whereas 0=off).

ATTDIA – Controls whether the INSERT command uses a dialog box for attribute value entry. (0 = issues prompts on the command line, 1 = uses a dialog box.)

MBUTTONPAN – Controls the behavior of the third button or wheel on the pointing device – to have the wheel of the mouse perform zoom and panning, must be set to 1 (=on, whereas 0=off).

ZOOMFACTOR – Controls how much the magnification changes when the mouse wheel moves forward or backward. Accepts an integer between 3 and 100 as a valid value. The higher the number, the more the change.

ROLLOVERTIPS – Controls the display of rollover tooltips when the cursor hovers over an object. 0 = Not displayed, 1 = displayed.

PICKADD – Controls whether subsequent selections replace the current selection set or add to it. 0 = The objects and subobjects most recently selected become the selection set. Previously selected objects and subobjects are removed from the selection set. 1 = Each object and subobject selected, either individually or by windowing, is added to the current selection set.

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SETVAR – lists ALL of the system variables on the screen

PLINEGEN – Sets how linetype patterns generate around the vertices of a 2D polyline. Does not apply to polylines with tapered segments. 0 = Generates polylines to start and end with a dash at each vertex. 1 = Generates the linetype in a continuous pattern around the vertices of the polyline.

TASKBAR – controls how drawings are displayed on the windows taskbar. 0= displays only name of the current drawing on the taskbar. 1 = displays multiple open drawings as separate items on the taskbar.

MENUBAR – controls display of the menu bar. 0= hides the menu bar. 1 = displays the menu bar.

PEDITACCEPT – controls polyline warning prompt “object selected is not a polyline, do you want to turn it into one?”. 0= turns prompt on. 1 = turns prompt off.

GEOMARKERVISIBILITY – controls the visibility of the geomarker. 0= hides the geomarker. 1 = shows the geomarker.

TRAYNOTIFY – controls the visibility of the balloons that show in the bottom right corner of the screen. 0= turns the balloon off. 1 = turns the balloon on.

ZOOMWHEEL – controls the direction of the zooming using the mouse wheel. 0= “regular AutoCAD zoom. 1 = Reverse of AutoCAD zoom, like ESRI

<https://www.tips.osmre.gov/software/CADSupportTeam.shtm>