

# DesignCAD 3D Max 2016.1 Release Notes

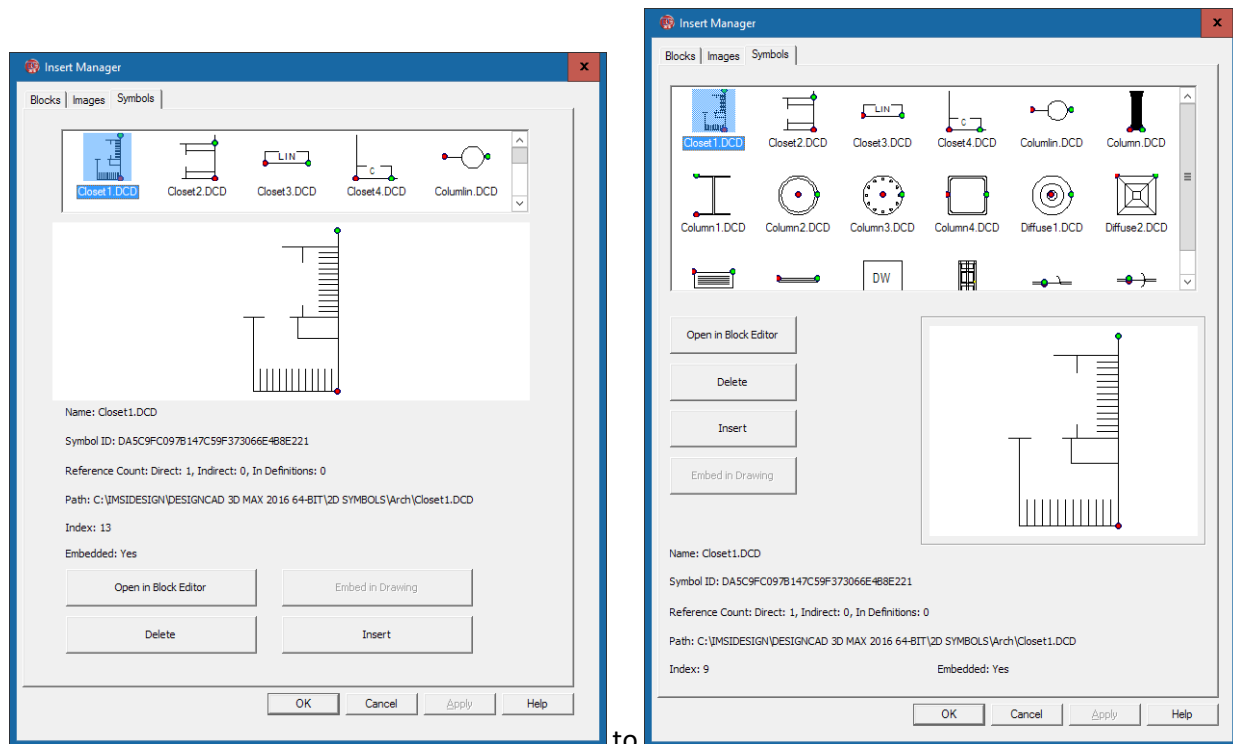
Oct. 6, 2016

DesignCAD 3D Max 2016.1 (internal version number 26.1) has the following changes and improvements.

## Insert Manager

With the initial release of DesignCAD 2016, we introduced a new feature, the Insert Manager. This has undergone further refinement since the initial release.

The dialog box has been rearranged to make more efficient use of the space available, going from this:



The newer dialog box is slightly taller by default, but shows more preview icons and allows for a taller preview window of the selected item. Otherwise the dialog box functions much like the previous version.

## New capabilities of the Insert Manager:

- Now you can double-click on a preview icon to immediately open that symbol or block in the Block Editor (note that images cannot be edited in DesignCAD, so double-clicking on an image has no effect).
- After opening the Block Editor from the Insert Manager, when you subsequently exit the Block Editor the just-edited block or symbol remains highlighted in the Insert Manager.

- When you right-click on the preview list panel and sort by Reference Count, the sort is now in descending order (i.e. from most-referenced to least-referenced).

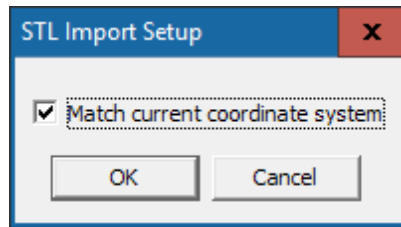
## Changes to Block Editor Mode:

- It is now possible to update the handles of a symbol or the insertion point of a block in the Block Editor using **Point/Set Drawing Handles**. To see where the current insertion point and/or handles are, use **Point/Show Drawing Handles**. *Note: After you change the handles of a symbol or block, all existing instances of the symbol/block are updated to match; however, the existing instances of a modified symbol do not change scale, even if you modified the distance between the first and second handles of the symbol. In such cases only the position and orientation are updated in existing instances. When you insert new instances of the modified symbol, and uncheck "Use original scale", the scale is adjusted relative to the new handles.*
- While editing a block or symbol, the name of the block or symbol now appears in the title bar, along with a "Symbol/Block Editor Mode" indicator. Example:  
"DesignCAD 3D Max 2016 64-bit – [Symbol/Block Editor Mode: SomeSymbolName.dcd: main]"
- The Block Editor can now only be exited using **File/Save Changes and Exit** or **File/Cancel Changes and Exit**. It is no longer possible to switch to another open drawing while in Block Editor Mode.
- Now when you exit the Block Editor, the drawing screen is restored to the view state it was in before entering the Block Editor.
- The Info Box now has an "Edit Content" button for selected symbols or blocks, which allows you to enter the Block Editor directly from the Info Box for a selected Symbol (embedded only) or Block. If an externally-linked ("by reference") symbol is selected, the Edit Content button is grayed out and does nothing.

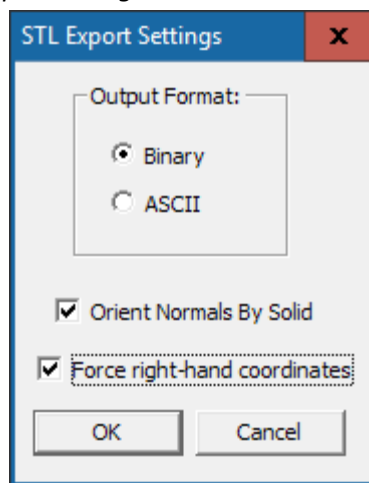
## Other Changes:

- There was a problem when printing Solid Surface objects – they were omitted from shaded prints. Now they are printed correctly.
- When typing into an editable field in the Info Box, the first character was sometimes being dropped. This has been corrected.
- Ctrl-C, Ctrl-X, and Ctrl-V shortcut keys (Copy, Cut, Paste) weren't working in the Info Box fields. Now they do again.
- Wide-line arrows were not printing correctly from Paperspace Mode. Now they do.
- STL Import now has a "match current coordinate system" option. If this is checked, imported STL files will reverse the sign of the Z-coordinate when imported into a left-hand drawing. If the drawing is using right-hand coordinates, the Z-coordinates are not altered. This should help prevent mirroring of STL files from other software. *To access this option, run the **File/Import***

command, select STL as the import format, and click the 'Setup' button in the Import dialog box.



- STL Export now has a "force right-hand coordinates" option. If this is checked, exported STL files reverse the signs of all z-coordinates when left-hand coordinate are active. This will help prevent mirroring of the object when viewed in other software. *To access this option, run the **File/Export** command, select STL (Stereolithography) as the export format, and click the 'Setup' button in the Export dialog box.*



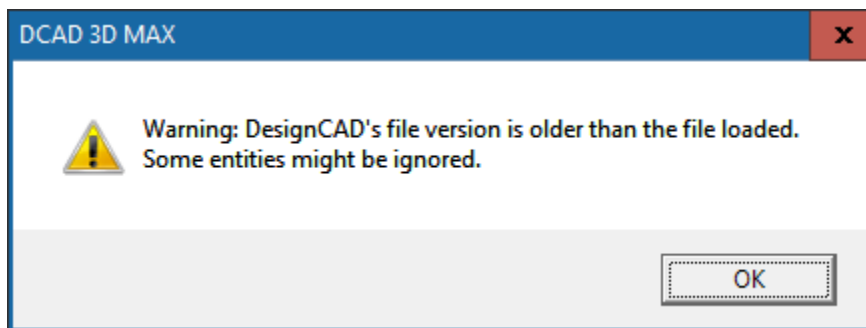
- When a symbol or block included features in a magenta color, those features weren't visible in the Insert Manager's preview panel. This has been corrected.
- When drawing Balloon annotations with a Text Size of 2 or larger and more than two points in the arrow, the text always moved to the second point of the arrow, rather than always centering in the balloon. Now the text always centers in the balloon as it should.
- If DesignCAD was started by double-clicking on the drawing rather than using **File/Open**, sometimes using the **Rotate** command on text entities could cause a crash.
- After importing certain DWG files into DesignCAD, the Fixed Text option on some dimensions was checked, and the numeric dimension text did not show, only the units.
- Using **Tools/Purge Unused Blocks** from an active papers pace template would improperly remove all blocks that weren't used directly in that template. Now Purge Unused Blocks properly checks for usage in model space and other paper space templates before deleting a block.
- We fixed a problem that could prevent a wireframe animation from being exported if Enable Offscreen Bitmap was unchecked in View Options.
- We fixed some display problems in Animation Mode when Enable Offscreen Bitmap was unchecked and the animation view was switched from OpenGL shaded to Wireframe.

- We fixed a 64-bit version problem where pressing the Enter key would not end 'incomplete' commands as it did in the 32-bit version.
- When Flicker-Free GDI Draw was enabled, moving objects in a 3D OpenGL-Shaded or OpenGL-Hidden view was leaving display artifacts. This has been corrected.
- When using OpenGL Hidden Line or Shaded modes, unchecking the boxes to display Arrows, Lines, Dimensions and Text had no effect – they still appeared in the hidden or shaded view. Now they are correctly displayed or not according to how the options are set in the Shade and Hide dialog box.
- Under some circumstances, after saving a drawing with Progressive Dimensions, the arrows would swap direction after the drawing was re-opened.

## SPECIAL NOTE ABOUT CUSTOM PROPERTIES

**Warning:** When a drawing from version 2016 contains custom properties, it cannot be opened reliably in older versions of DesignCAD. To use such a drawing in version 25 or earlier, be sure to use **File/Save As** to save it to an older version format. If you do open a V2016 drawing in an older version, every entity including and after the first one with custom properties will be skipped; thus the drawing is very likely to be incomplete.

There is already a warning message that appears anytime you open a newer drawing in an older version of DesignCAD. Heed the warning! If and when it pops up, understand that if you proceed with opening the drawing anyway, you run the risk of losing drawing data.



# DesignCAD 3D Max 2016 Release Notes

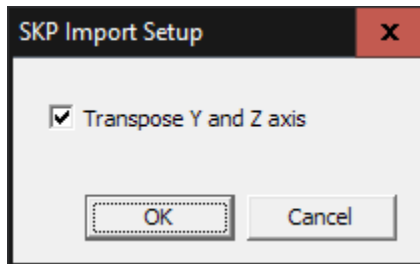
---

July 20, 2016

Thanks for purchasing, or upgrading to, DesignCAD 3D Max 2016. Here is a detailed look at what's new in this version.

## New Import/Export feature

**SketchUp Import** – DesignCAD 2016 can now import SketchUp drawings. SketchUp versions through SketchUp 2015 are currently supported. When importing SketchUp drawings, each separate solid object is imported as a distinct Solid Surface entity in DesignCAD.



The SketchUp Import Setup dialog includes a Transpose Y and Z option. When checked, this allows SketchUp objects imported into DesignCAD to appear "right side up". This option is provided because DesignCAD uses Y for the vertical axis, whereas SketchUp uses Z for the vertical axis. If this option is left unchecked, SketchUp imports will appear on their sides instead of upright.

## Insert Manager

**File/Insert Manager** is a new command that allows the user to review and manage all blocks, symbols, and image files that are reference by or embedded in the drawing.

When the Insert Manager command is run, a dialog box appears with three tabs, one each for Blocks, Images, and Symbols.

### Blocks

The **Blocks** tab shows a visual list of all blocks that are present in the drawing. When a single block is highlighted by clicking on it, a larger preview is displayed below the list. Beneath the larger view is more information about the block: its Name, ID, and a Reference Count.

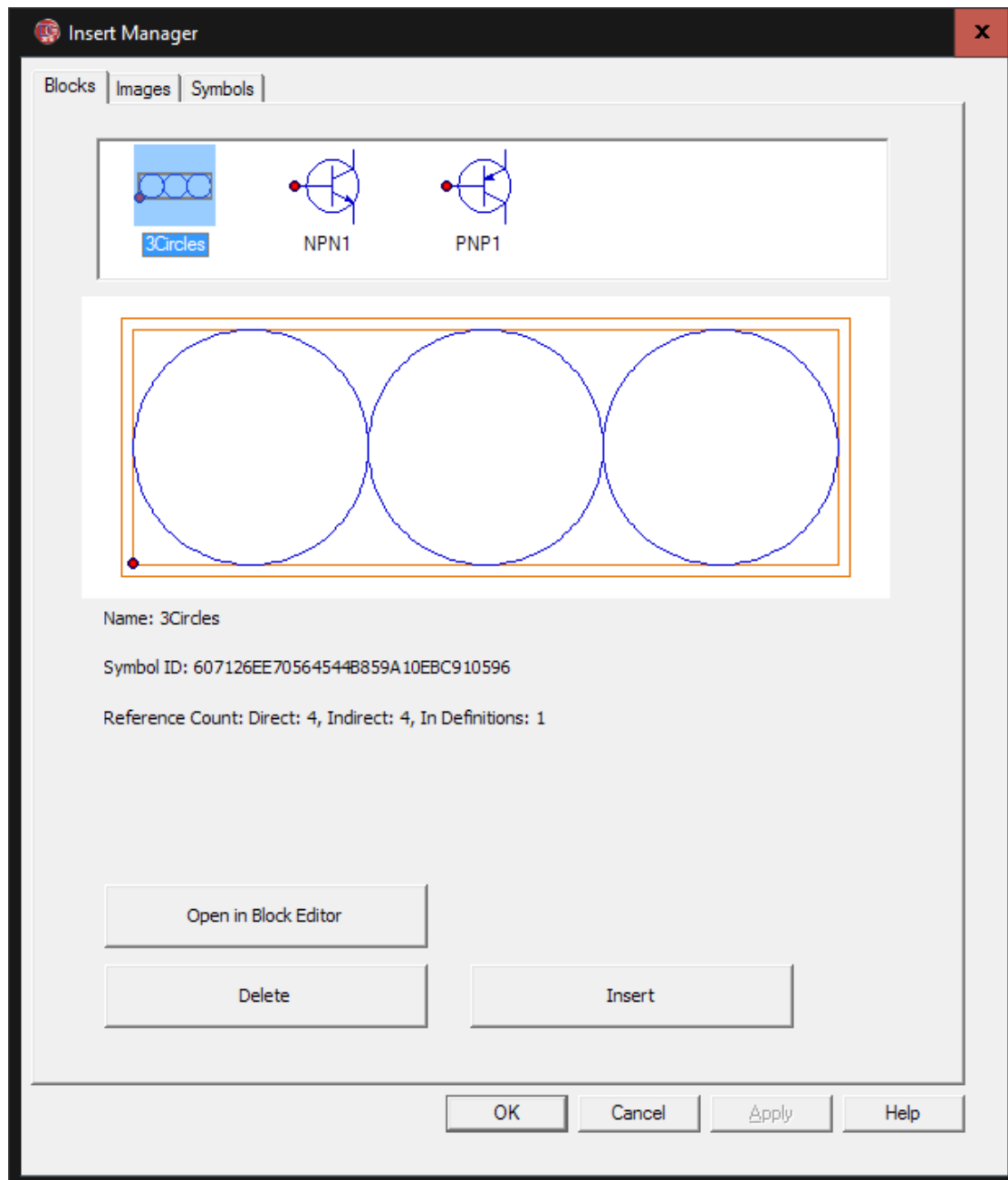
Right-clicking on the list of symbol icons displays a context menu for sorting the blocks. Blocks may be sorted by Name, ID, or Reference Count.

Right-clicking on the **Name** line gives you the option of copying the name to the clipboard.

Right-clicking on the **Symbol ID** line gives you the option of copying the id to the clipboard (perhaps for use in a macro or COM program).

The **Reference Count** line shows three different values: -- **Direct**, **Indirect**, and **In Definitions**. The **Direct** count represents the number of times the block is included in the drawing as a stand-alone block (i.e.

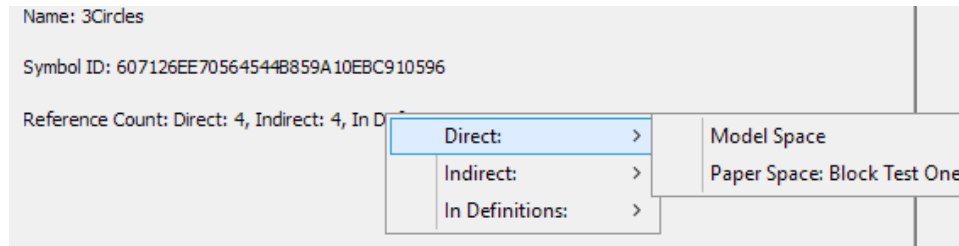
not as part of another block or symbol). The **Indirect** count indicates how many times the block is included in other blocks or symbols that are included in the drawing. The **In Definitions** count shows how many block or symbol definitions include the block as part of that definition.



Right-click on this **References** line for a more detailed view of how the block is used; a context menu appears with the same categories: **Direct**, **Indirect**, and **In Definitions**.

Expanding the **Direct** category will indicate if the block is in use by the drawing's Model Space view and/or by one or more Paper Space layouts. Expanding the **Indirect** category will show which symbols and/or blocks are in active use that include this block. Expanding the **In Definitions** category will indicate

which symbols and/or blocks include this block, whether or not there are any active references to those symbols/blocks.



The Blocks tab of the Insert Manager offers three editing operations: **Open in Block Editor**, **Delete**, and **Insert**.

Clicking on the **Insert** button will run the Block Insert command, and show the Block Insert dialog box with the highlighted block already selected.

Clicking on the **Delete** button will allow you to delete all instances of the highlighted block from the drawing, as well as the underlying block definition. Once this change is applied, the deletion cannot be undone.

Clicking on the **Open in Block Editor** button will open a special view window with a limited menu and command list. While in the Block Editor, you can make almost any changes to the block definition that you desire, without the distraction of other drawing entities. See [Block Editor](#) below.

## Images

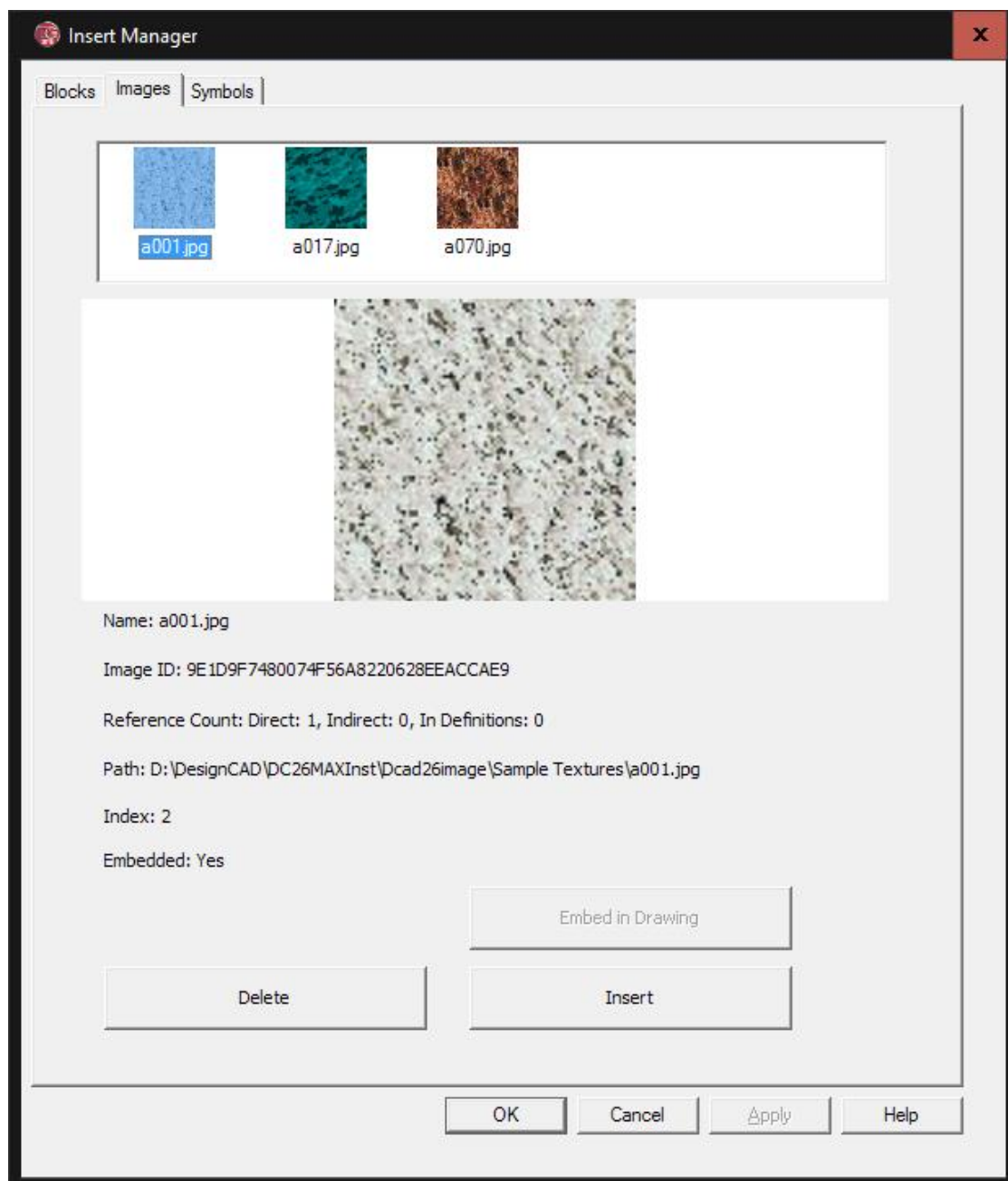
The **Images** tab of the Insert Manager is quite similar to the Blocks tab, showing all raster images that have been added to the drawing. Most of the options for Images are the same as for Blocks. Images also contain a **Path** field, an **Index** field, and an **Embedded** field, and these are additional sort options if you right-click on the thumbnail list at the top.

The **Path** field indicates the full path and filename of the original image. For embedded images, this original file may no longer exist in the referenced location. Right-clicking on the **Path** field allows you to copy the full path and filename to the clipboard for later reference.

The **Index** field indicates the index of the image in the list of images, i.e. the relative order in which the image was originally added to the drawing.

The **Embedded** field indicates whether the image is stored completely in the drawing (Yes) or is only a reference to an external file (No). *Blocks are always embedded, so this button is hidden on the Blocks page.*

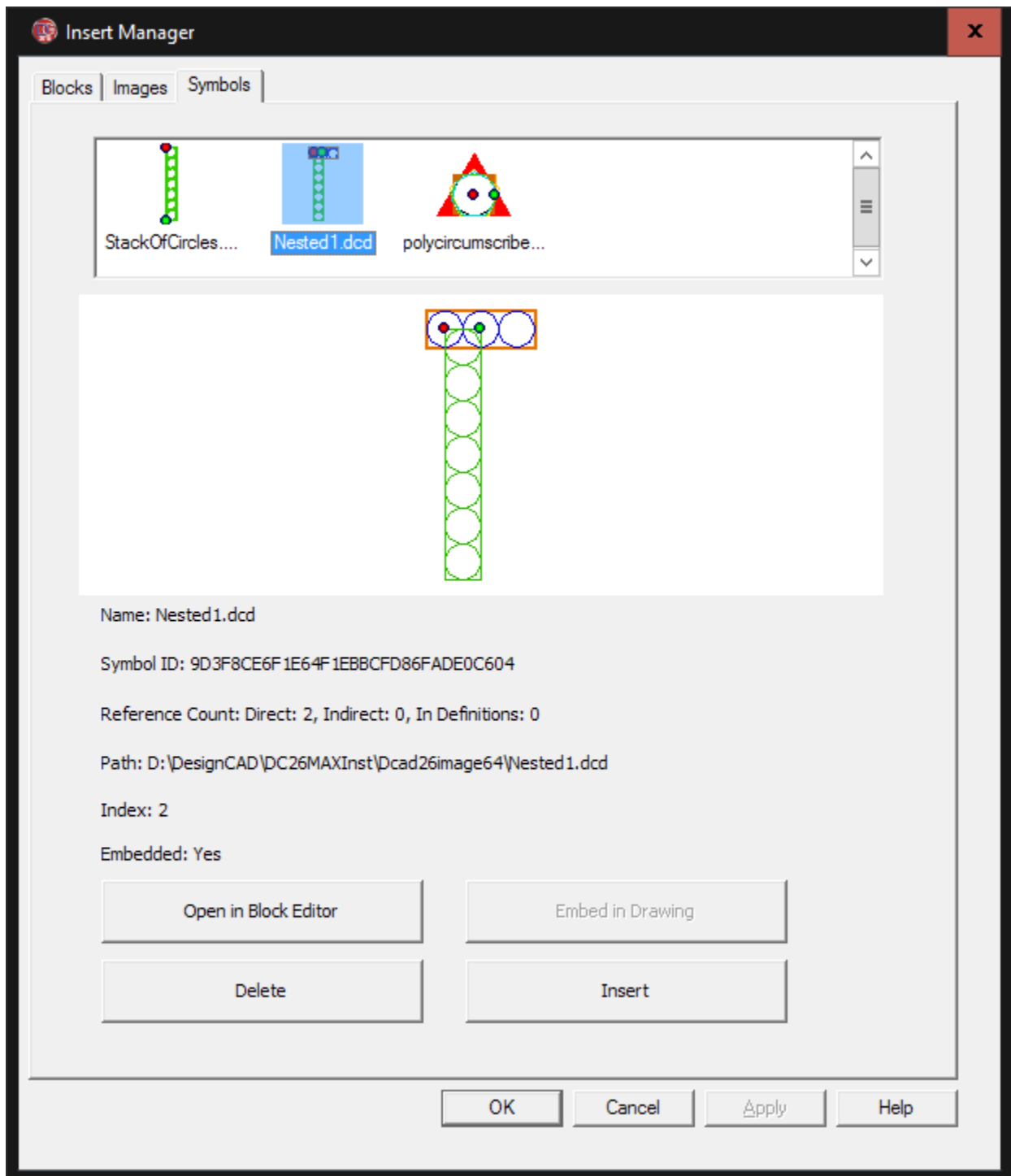
If a Referenced image is highlighted in the visual list, the **Embed in Drawing** button becomes highlighted. Clicking on this button allows a referenced image to be embedded in the drawing, so that the external image file is no longer necessary. This also changes the **Embedded** field from No to Yes. Note that the original image file must be present in the specified path for this to work.





## Symbols

The **Symbols** tab of the Insert Manager has the same features as the **Images** tab, and also has the **Open in Block Editor** button just like the **Blocks** tab.



## Block Editor

When you highlight a symbol or block in the [Insert Manager](#) and click **Open in Block Editor**, the contents of the block or symbol are displayed in a separate window, with no other entities in view. This Block Editor mode has a somewhat limited set of drawing and editing commands; there is no access to loading symbols or blocks via the File menu, no print command, no options to save the symbol or block as an external file, and no access to special modes like Paper space Mode or Animation and Walkthrough Modes. There is also no access to the Help or Window menu commands, and the Options command has no effect. Aside from these exceptions, most other drawing and editing commands are available to you in the Block Editor.

If you wish to modify the insertion point of a block or the handles of a symbol while in the Block Editor, use the **Point/Show Drawing Handles** command to display the existing handle(s) of the block or symbol. Use the **Point/Set Drawing Handles** command to change the existing handle(s) to new locations.

If you need to add a symbol or block to one that you plan to edit, this cannot be done through the Block Editor's File menu. Instead, first select the block or symbol to be added in the main drawing window and copy it to the clipboard. Then you can open the symbol or block in the Block Editor and paste in the additional content. ***Care should be taken, however, not to paste a copy of a block or symbol into itself while it is being edited – this causes a circular reference, and may result in any number of difficult problems.***

To discard the changes made in the Block Editor, choose **File/Cancel Changes and Exit**. To save the changes made to a block or symbol in the Block Editor, choose **File/Save Changes and Exit**.

The Insert Manager and the Block Editor are available in both Model Space and Paper Space. However, you may find some blocks and symbols difficult to edit while in Paper Space Mode, due to the limited drawing area that is available in that mode. If you have difficulties editing a particular block or symbol in Paper Space Mode, try exiting to Model Space and editing it there.

## Custom Properties

DesignCAD now supports the addition of custom properties to drawings and to drawing entities.

Custom Properties are bits of text that are identified by a combination of a Key and a Name field. This is a means of adding "invisible" text information to a drawing or an object. These custom properties can be viewed and edited manually by means of a Custom Properties dialog, or processed by code via BasicCAD macros or OLE Automation programs.

**Drawing Custom Properties** are accessed via the **File/Document Custom Properties** command.

**Entity Custom Properties** are accessed via the **Custom Properties** button in the Info Box. Either method opens a Custom Properties editor:

Index	Key	Name	Value
1	Project	Customer	Jamison Electronic Specialties, LTD.
2	Project	Last Edit	2016.07.19 18:44 GMT
3	Project	Lead	Dave Taylor
4	Project	Start Date	2016.07.19:15:37 GMT
5	Project	Title	K761A Circuit Board
6	TODO	Verification	Bob
7	TODO	Layers	Kevan
8	TODO	Documentation	Brian
9	DONE	Styles Cleanup	Travis

Buttons: Add Custom Property, Delete Selected Properties, Delete All, OK, Cancel

The dialog shows four fields: Index, Key, Name, and Value. The Index is simply the order in which each custom property was added. The Key is one of two fields that uniquely identify each custom property. The Name field is the second field used to identify a custom property. The Value field is the "contents" of the custom property.

A new Custom Property may be added using the **Add Custom Property** button.

Key: LEGAL

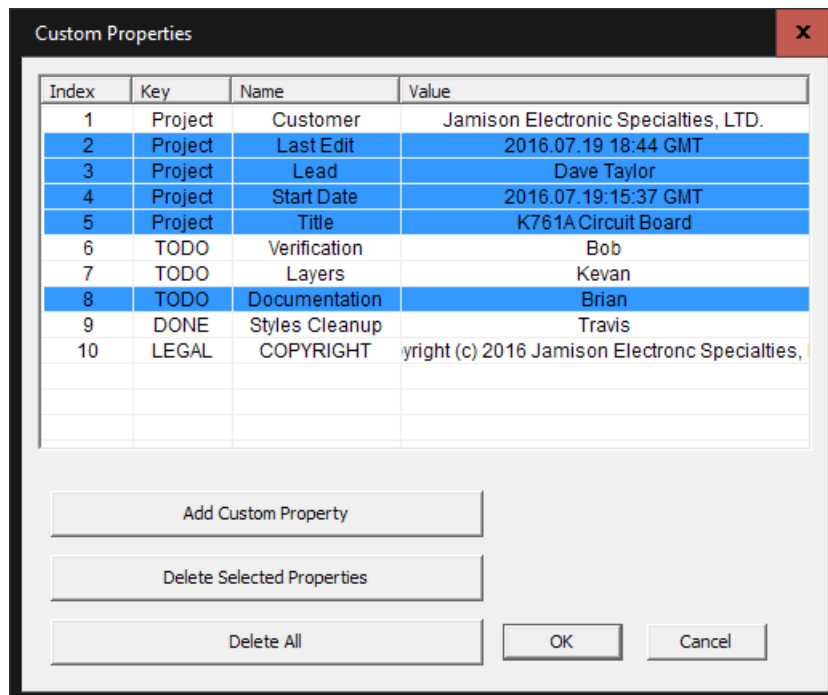
Name: COPYRIGHT

Value: Copyright (c) 2016 Jamison Electronic Specialties, LTD

Buttons: OK, Cancel

No two custom properties for a given drawing or drawing entity may have the same Key/Name combination. Two different drawings may have identical Key/Name pairs, and a drawing and one or more entities contained within it may have the same Key/Name pairs; the restriction only applies for the set of custom properties in use by a particular drawing or a particular drawing entity.

A single custom property can be selected by left-clicking on it. More can be selected using Ctrl-left-click or by Shift-left-click or Shift-down-arrow. Once one or more custom properties are selected in the Custom Properties editor, they can be deleted using the **Delete Selected Properties** button. The **Delete All** button will delete all custom properties that have been added via this editor.



Note, however, that some custom properties that were added via BasicCAD or OLE Automation may not be editable. Any such non-editable custom properties will have a gray background, and can only be edited or deleted using BasicCAD or OLE Automation methods.

Accessing custom properties via BasicCAD and OLE Automation is described below.

Custom Properties of drawing objects are duplicated when these objects are copied and pasted, duplicated, arrayed, or trimmed. (Note: any non-editable properties are NOT duplicated in this way.)

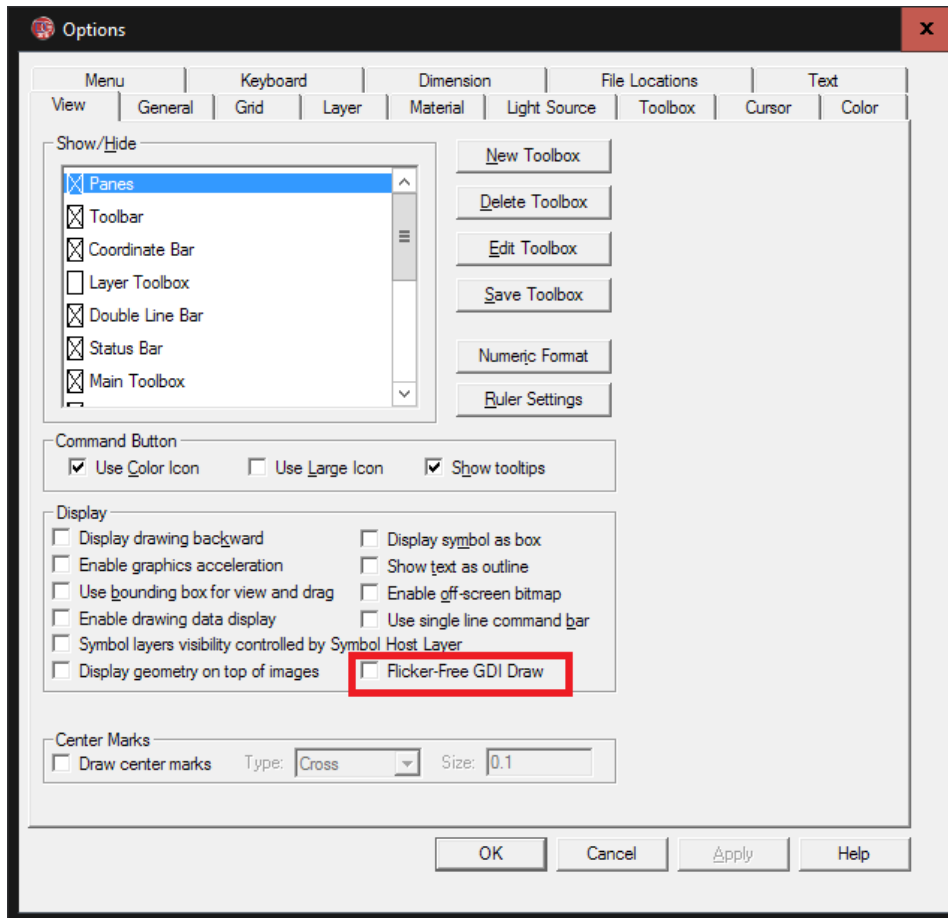
When you **Explode** a compound drawing object (such as a dimension or grid) that contains custom properties, the exploded pieces will no longer contain those properties. Similarly, **Combine Lines** causes the resulting object to lose any custom properties that may have been in its component pieces.

Custom Properties of drawings are saved with the drawing when you use **Save**, **Save As**, **Save a Copy**, or **Save as Symbol**; however, they are not transferred into a host drawing if you use **Symbol Load**.

## Other Changes in DesignCAD 2016

### Flicker-Free GDI Draw

A new option has been added to the View Options panel – Flicker-Free GDI Draw. When this option is selected, DesignCAD uses special optimizations to speed up the draw of wide lines in GDI wireframe views. This option has no effect when RedSDK Mode is active. To access this setting press the 'Q' key to open the Options panel, and activate the 'View' tab. The checkbox is on the bottom right of the Display options group. The difference is particularly notable under Windows 7 if you have transparency enabled.



### General Fixes and Improvements:

- When exporting files to DWG or DXF format, sometimes angled text would be converted to horizontal text. This has been fixed.
- The Scan Image command sometimes was grayed out because DesignCAD couldn't find the necessary program. This has been fixed.
- When applying a material (such as Oak, Cherry, Pearl, etc.) to a Solid Surface entity, the material was not saved with the object when the drawing was saved.
- Save as 2D Projection was not working with Solid Surface entities.
- Working with multi-lines could sometimes crash DesignCAD.

## BasicCAD Additions for Custom Properties

### STATEMENT: ADDPROPERTY entid, key\$, name\$, value\$, nocopy

#### Arguments:

- **entid** – a number. If entid is greater than zero it represents the index of the entity to which the new property is to be added. If entid is 0, the property will be added to the drawing instead.
- **key\$** -- a string representing the key to be used in identifying this custom property.
- **name\$** – a string representing the name to be used in identifying this custom property.
- **value\$** – a string representing the contents of the property.
- **nocopy** – a flag that indicates whether this custom property should be propagated from the original entity via Duplicate, Copy/Paste, Array, or other editing operations. Also, if set, does not allow editing or deletion of this property via the Custom Property editor.

The ADDPROPERTY statement adds a new custom property to the specified entity if entid > 0, or to the drawing if entid = 0.

#### Errors:

- If the key/name pair clashes with an already-defined custom property, the statement triggers Error 114.
- If entid is non-zero and does not specify a legal entity id, the statement triggers Error 60.

#### Example 1:

```
' add a custom property to the first selected entity
PRECISION 0
ON ERROR GOTO oops
GETSELECT 1, entid
key$ = "PART"
name$ = "NUMBER"
value$ = "ZX_500_A12"
nocopy = 0 'false - this custom property can be edited by the drawing's user.
ADDPROPERTY entid, key$, name$, value$, nocopy
END

oops:
e = Error(q) ' get error number
MESSAGE "Error", e, "; ", Err$(e)
RETURN
```

#### Example 2:

```
' add a custom property to the drawing
entid = 0 ' specifies the drawing instead of an entity
key$ = "DRAWING"
name$ = "START DATE"
value$ = "06/25/2016"
nocopy = 0 'false - this custom property can be edited by the drawing's user.
ADDPROPERTY entid, key$, name$, value$, nocopy
```

## STATEMENT: GETPROPERTY entid, propid, key\$, name\$, value\$, nocopy

### Arguments:

- **entid** – a number. If entid is greater than zero it represents the index of the entity from which the property is to be retrieved. If entid is 0, the property will be retrieved from the drawing instead.
- **propid** – a number specifying the index of the property to be retrieved. Indexing begins at 1, not 0.
- **key\$** -- a string that will contain the key of this custom property.
- **name\$** – a string representing the name of this custom property.
- **value\$** – a string representing the contents of this custom property.
- **nocopy** – a flag that indicates whether this custom property can be propagated from the original entity via Duplicate, Copy/Paste, Array, or other editing operations. Also, if set, does not allow editing or deletion of this property via the Custom Property editor.

The GETPROPERTY statement retrieves a custom property from the specified entity if entid > 0, or from the drawing if entid = 0.

### Errors:

- If entid is non-zero and does not specify a legal entity id, the statement triggers Error 60.
- If propid is not the index of an existing property, the statement triggers Error 25.

### Example 1:

```
' get the third custom property from the first selected entity
e = 0
PRECISION 0
ON ERROR GOTO oops
GETSELECT 1, entid
propid = 3
key$ = "aaaa"
name$ = "bbbb"
value$ = "cccc"
nocopy = -1
GETPROPERTY entid, propid, key$, name$, value$, nocopy
IF e = 0 THEN
    MESSAGE "Property", propid, "    KEY:", key$, "; NAME:", name$, ";
VALUE: ", value$, "; nc: ", nocopy
END IF
END

oops:
e = Error(q) ' get error number
MESSAGE "Error", e, "; ", Err$(e)
RETURN
```

## STATEMENT: SETPROPERTY entid, propid, key\$, name\$, value\$, nocopy

### Arguments:

- **entid** – a number. If entid is greater than zero it represents the index of the entity for which the property is to be changed. If entid is 0, the indexed drawing property will be changed instead.
- **propid** – a number specifying the index of the property to be changed. Indexing begins at 1, not 0.
- **key\$** -- a string that will contain the new key of this custom property.
- **name\$** – a string representing the new name of this custom property.
- **value\$** – a string representing the new contents of this custom property.
- **nocopy** – a flag that indicates whether this custom property can be propagated from the original entity via Duplicate, Copy/Paste, Array, or other editing operations. Also, if set, does not allow editing or deletion of this property via the Custom Property editor.

The SETPROPERTY statement modifies a custom property from the specified entity if entid > 0, or from the drawing if entid = 0.

### Errors:

- If entid is non-zero and does not specify a legal entity id, the statement triggers Error 60.
- If propid is not the index of an existing property, the statement triggers Error 25.
- If key\$ and name\$ would clash with an already-existing property, the statement triggers Error 114.

### Example 1:

```
' Set the third custom property in the drawing
e = 0
PRECISION 0
ON ERROR GOTO oops
entid = 0 'we're targeting a drawing property instead of an entity property
propid = 3
key$ = "NewKey"
name$ = "NewName"
value$ = "I have changed."
nocopy = 1
SETPROPERTY entid, propid, key$, name$, value$, nocopy
IF e = 0 THEN
    GETPROPERTY entid, propid, nkey$, nname$, nvalue$, nnc
    MESSAGE "Updated Property", propid, " KEY:", nkey$, "; NAME:", nname$, _
"; VALUE: ", nvalues$, "; nc: ", nnc
END IF
END

oops:
e = Error(q) ' get error number
MESSAGE "Error", e, "; ", Err$(e)
RETURN
```



## STATEMENT: GETPROPERTYINDEX entid, name\$, startindex, foundindex

### Arguments:

- **entid** – a number. If entid is greater than zero it represents the index of the entity to be searched. If entid is 0, the drawing properties will be searched instead.
- **name\$** – a string representing the custom property name to be searched for.
- **startindex** – a number representing which property index to start at.
- **foundindex** – a number representing the index of the next property that matches the specified name. Set to -1 if no matching property is found.

The GETPROPERTYINDEX statement searches the custom properties of the drawing (if entid is 0), or of the specified entity (if entid > 0) for a name field matching name\$. Set startindex to 1 to begin searching at the first custom property. If searching for multiple matches (which is possible, since there may be two or more properties with different key fields but the same name field), search for the second and subsequent matches by adding 1 to the last foundindex.

### Errors:

- If entid is non-zero and does not specify a legal entity id, the statement triggers Error 60.
- If startindex is not the index of an existing property, the statement triggers Error 25.

### Example 1:

```
' Search the drawing for all custom properties having the name "PARTNO"
entid = 0
name$ = "PARTNO"
startindex = 1
foundindex = 0
PRECISION 0
ON ERROR GOTO oops
DO WHILE foundindex >= 0
    GETPROPERTYINDEX entid, name$, startindex, foundindex
    IF e <> 0 THEN GOTO finish
    IF foundindex <> -1 Then
        MESSAGE "Match at index", foundindex
        Startindex = foundindex + 1
    END IF
LOOP
finish:
END

oops:
e = ERR(q)
RESUME NEXT
```

## STATEMENT: DELETEPROPERTY entid, propid

### Arguments:

- **entid** – a number. If entid is greater than zero it represents the index of the entity from which a custom property is to be deleted. If entid is 0, a custom property will be deleted from the drawing properties instead.
- **propid** – the index of the custom property to be deleted.

The DELETEPROPERTY statement deletes the custom property specified by propid from the entity specified by entid, or from the drawing if entid is zero.

### Errors:

- If entid is non-zero and does not specify a legal entity id, the statement triggers Error 60.
- If propid is not the index of an existing property, the statement triggers Error 25.

### Example 1:

```
' Delete the fourth custom property from entity 2
entid = 2
propid = 4
DELETEPROPERTY entid, propid
```

## New Sys() functions relating to Custom Properties

**Sys(689)** – the number of custom properties that the current drawing contains.

**Sys(690)** – the number of custom properties contained in the entity last loaded by the ENTITY statement.

# OLE Automation Classes, Methods, and Properties for Custom Properties

## CustomProperties Class

### Methods:

#### *AddProperty(Key\$, Name\$, Value\$, bNoCopy) as Integer*

Returns the index of the newly-added property if successful, or -1 in case of failure.

#### *DeleteProperty(iIndex) as Boolean*

Returns True if successful or False if the property could not be deleted for any reason.

#### *Item(iIndex) as CustomProperty*

Returns the CustomProperty specified by the index.

### Properties:

#### *Count as Long*

Returns the number of custom properties in the collection

## CustomProperty Class

### Methods:

#### *SetKey(Key\$ ) as Boolean*

Sets the Custom Property's Key to the value specified in Key\$. Returns False if the key could not be updated to the specified value (typically due to a key/name clash that would result).

#### *SetName(Name\$) as Boolean*

Sets the Custom Property's Name to the value specified in Name\$. Returns False if the Name could not be updated to the specified value (typically due to a key/name clash that would result).

### Properties:

#### *Key as String (read-only)*

Returns the Key for the Custom Property. Read-only. To change the contents of the Key property, use the SetKey method.

#### *Name as String (read-only)*

Returns the Name for the Custom Property. Read-only. To change the contents of the Name property, use the SetName method.

#### *Data as String (read/write)*

Returns the Data contents for the Custom Property. Can be directly read and written.

#### *NoCopy as Boolean*

Returns the NoCopy field of the Custom Property. Can be set directly read and written.