DWG Miner DLL

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DWG Miner DLL is a powerful ActiveX component for quickly extracting and setting data in AutoCAD drawing (DWG) files. DWG Miner DLL contains many functions for updating text values, updating block attribute values, setting layers on/off/frozen/thawed, setting external reference file paths, setting image file paths, creating XML files from drawing data, creating DXF files from drawings, saving drawings as different versions, creating Excel workbooks from drawing data, updating databases (SQL Server, Access, Oracle, Sybase, etc.) with drawing data, and much more! This product is compatible with all AutoCAD drawing versions and does not require AutoCAD to be installed. DWG Miner DLL may be distributed with your application royalty free and future upgrades are free. The cost is only $299.95 per developer and $1,495.95 for a site developer license.

DWG Miner DLL can be purchased through RegNow at this URL:

https://www.regnow.com/softsell/nph-softsell.cgi?item=4459-45

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DWG Miner DLL is compatible with all software languages which support ActiveX controls including Visual Basic, ASP (Active Server Pages), Visual C++, VBA for Access, VBA for Excel, Delphi, and .NET. All methods are operable with Visual Basic while some methods (such as DataGridToArray) will not work with another language. However, the most important methods for extracting data from AutoCAD drawings should be compatible with any language that supports ActiveX. **All functions beginning with the prefix "Web_" are special functions for web programming languages such as ASP (Active Server Pages).**

To add DWG Miner DLL to your Visual Basic project:

1. From the Project Menu select "References..."
2. Check "DWGMinerDLL" and click the OK Button
3. In the General Declarations section of your form enter the following code to declare DWG Miner DLL:

Dim oDM As DWGMinerDLL.clsDWGMiner

4. In the Form_Load event of your form add the following code to instantiate DWG Miner DLL:

Set oDM = New DWGMinerDLL.clsDWGMiner

You are now ready to use the powerful methods of DWG Miner DLL!

Methods

AllDSNsToOneDArray

Method to store user and system DSNs in a one dimensional array.

Returns: Variant (array)

ArrayToExcel

varArray As Variant	Two dimensional array to copy to Excel
lngRow As Long	Excel worksheet start row
lngCol As Long	Excel worksheet start column
Optional strWorkbook As String	Existing Excel workbook
Optional blnUseOpenWorkbook As Boolean	Use an open Excel workbook?
Optional strSaveToFile As String	Excel workbook name
Optional varWorksheet As Variant	Excel worksheet name or number to copy to
Optional strPassword As String	Excel workbook password
Optional strWriteResPassword As String	Excel workbook write reserve password
Optional blnCloseWorkbook As Boolean	Close Excel workbook after copying array?
Optional blnTranspose As Boolean	Transpose the array in Excel worksheet?
Optional blnSetColumnWidths As Boolean = True	Automatically adjust Excel worksheet cells?
Optional blnBoldFirstRow As Boolean	Bold first row in Excel worksheet?
Optional blnBoldFirstColumn As Boolean	Bold first column in Excel worksheet?
Optional blnFreezeHeaders As Boolean	Freeze headers in Excel worksheet?
Optional strSheetName As String	New Excel worksheet name

Returns: Integer

 1 = Success
-1 = Invalid column/row
-2 = varArray is not an array
-3 = Unable to open Excel
-4 = Unknown error

Method to copy a two dimensional array to an Excel workbook's worksheet. Note: Excel is required.

CloseDrawing

Returns: String

"OK" = File was closed successfully
Error message = File was not closed successfully

Method to close the active drawing. This function must be called each time function OpenDrawing is used to release drawing information from memory.

CloseExcelHiddenInstances

Optional blnCloseBeforeDestroy As Boolean   Close before destroying Excel instance?
Optional blnPromptBeforeClose As Boolean   Prompt before closing Excel workbook?

Method to close any open instances of Excel.

ComboBoxToOneDArray

cb As Object   ComboBox object to copy from
varArray As Variant   One dimensional array to copy to

Returns: Integer

 1 = Success
-1 = cb is not a ComboBox object
-2 = varArray is not an array
-3 = Unknown error

VB only. Method to copy ComboBox items to a one dimensional array.

CreateBlockAttributeArray

vArr As Variant   Array to create
Optional lngDrawingSpace As Long   0 = Both, 1 = Paper, 2 = Model
Optional strLayout As String   Layout name
Optional strBlock As String   Block name
Optional strLayer As String   Layer name
Optional ByVal lngDrawingField As Long   Values: 0 through 5
Optional blnIncludeHeadings As Boolean = True   Include field headings?
Optional varAttributeTags As Variant   Block attribute tag array

Returns: Integer

1 = Success
-1 = Unknown error

Method to extract block attribute tags and values and store them in a two dimensional array. Note: Since multiple blocks can be used pass a value to the strFilter parameter to specify specific blocks, layers, etc.

CreateDXF

strDXFfile As String	DXF file to create
Optional ByVal intPrecision As Integer	Number precision. 0 through 16
Optional lngVersion As Long	AutoCAD version. 2004, 2000, 14, 12, 11, 10

Returns: String

"OK" = DXF file was created successfully
Error message = DXF file was not created successfully

Method to create a DXF file from the active drawing (DWG) file. Function OpenDrawing must be called to set the active drawing before using this function.

CreateRecordsetFromArray

varArray As Variant
Optional strFilter As String

Returns: Recordset object

Method to create an ADO recordset from a two dimensional array. Note: The first row of the array must contain the field names.

CreateXML

strXMLFile As String	XML file to create
Optional intBlocks As Integer	Create block section. 1 = Yes, 0 = No
Optional intAttributeDefinitions As Integer	Create attribute definition section. 1 = Yes, 0 = No
Optional intExternalReferences As Integer	Create external reference section. 1 = Yes, 0 = No
Optional intLayers As Integer	Create layers section. 1 = Yes, 0 = No
Optional intLayouts As Integer	Create layouts section. 1 = Yes, 0 = No
Optional intSystemVariables As Integer	Create system variables section. 1 = Yes, 0 = No
Optional intImages As Integer	Create images section. 1 = Yes, 0 = No
Optional intText As Integer	Create text section. 1 = Yes, 0 = No

Returns: String

"OK" = XML file was created successfully

Error message = XML file was not created successfully

Method to create an XML file from the active drawing (DWG) file or DXF file. Function OpenDrawing must be called to set the active drawing/DXF before using this function.

DatabaseTableToArray

strDSN As String	DSN name
strSQL As String	SQL statement
varArray As Variant	Array to copy to
Optional strUserID As String	Database connection user ID
Optional strPassword As String	Database connection password
Optional blnIncludeHeadings As Boolean	Include record field headings?

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to establish a database connection
-3 = Unable to open recordset
-4 = Unknown error

Method to copy an ADO database table to a two dimensional array.

DatabaseTableToTextFile

strDSN As String	DSN name
strSQL As String	SQL statement
strTextFile As String	Text file to create
Optional strUserID As String	Database connection user ID
Optional strPassword As String	Database connection password
Optional blnIncludeHeadings As Boolean	Include record field headings?
Optional ByVal strDelimiter As String	Delimiter between values
Optional blnQuotes As Boolean	Quotes around values?
Returns: Integer	

 1 = Success
-1 = Unable to establish a database connection
-2 = Unable to open recordset
-3 = Unknown error

Method to copy an ADO database table to a text file.

DataGridToArray

dg As Object	DataGrid object

varArray As Variant   Array to copy to
Optional blnIncludeHeadings As Boolean   Include record field headings?

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

VB only. Method to copy DataGrid items to a two dimensional array.

DeleteObject

strTextHandle As String   Object handle

Returns: String

"OK" = Success
Error message = Unable to delete object

Method to delete an object in a drawing.

DictionaryToArray

dt As Object   Dictionary object
varArray As Variant   Array to copy to
Optional blnIncludeKeys As Boolean   Include dictionary keys?

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

VB only. Method to copy dictionary items to a two dimensional array.

DirListBoxToOneDArray

dlb As Object   DirListBox object
varArray As Variant   Array to copy to

Returns: Integer

 1 = Success
-1 = dlb is not a DirListBox object
-2 = varArray is not an array

-3 = Unknown error

VB only. Method to copy DirListBox items to a one dimensional array.

DriveListBoxToOneDArray

dlb As Object   DriveListBox object
varArray As Variant   Array to copy to

Returns: Integer

 1 = Success
-1 = dlb is not a DriveListBox object
-2 = varArray is not an array
-3 = Unknown error

VB only. Method to copy DriveListBox items to a one dimensional array.

FileExists

strFile As String

Returns: Boolean

True = File exists
False = File not found

Method to determine if a file exists.

FileListBoxToOneDArray

flb As Object   FileListBox object
varArray As Variant   Array to copy to
Optional blnSelectedOnly As Boolean   Use selected files only?

Returns: Integer

 1 = Success
-1 = flb is not a FileListBox
-2 = varArray is not an array
-3 = Unknown error

VB only. Method to copy FileListBox items to a one dimensional array.

FindAndDeleteAttributeDefObjects

strTextToFind As String   Attribute tag name to find
Optional blnFindWholeWordOnly As Boolean Find whole word only?
Optional blnMatchCase As Boolean   Case sensitive search?
Optional strFilter As String   Record filter

Returns: Long Integer (the number of block attribute definition objects deleted)

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Method to find and delete block attribute definition objects in a drawing. Function OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

FindAndDeleteBlockAttributeObjects

strTextToFind As String   Attribute tag or value text to find
Optional blnFindTagName As Boolean   Find tag name?
Optional blnFindWholeWordOnly As Boolean Find whole word only?
Optional blnMatchCase As Boolean   Case sensitive search?
Optional strFilter As String   Record filter

Returns: Long Integer (the number of block attribute objects deleted)

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Method to find and delete block attribute objects in a drawing. Function OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

FindAndDeleteBlockObjects

strTextToFind As String   Block name to find
Optional blnFindWholeWordOnly As Boolean Find whole word only?
Optional blnMatchCase As Boolean   Case sensitive search?
Optional strFilter As String   Record filter

Returns: Long Integer (the number of block objects deleted)

 1 = Success
-1 = Source XML file not found

-2 = Unknown error

Method to find and delete block objects in a drawing. Function OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

FindAndDeleteTextObjects

strTextToFind As String	Text to find
Optional lngTextType As Long	0 = Single line text, 1 = Multiple line text
Optional blnFindWholeWordOnly As Boolean	Find whole word only?
Optional blnMatchCase As Boolean	Case sensitive search?
Optional strFilter As String	Record filter

Returns: Long Integer (the number of text objects deleted)

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Method to find and delete text objects in a drawing. Function OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

FindAndReplaceBlockAttributes

strTextToFind As String	Attribute tag or value text to find
strReplaceText As String	Replacement text
Optional blnFindTagName As Boolean	Find tag name?
Optional blnFindWholeWordOnly As Boolean	Find whole word only?
Optional blnReplaceWholeValue As Boolean	Replace whole value?
Optional blnMatchCase As Boolean	Case sensitive search?
Optional strFilter As String	Record filter

Returns: Long Integer (the number of block attribute values replaced)

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Method to find and replace block attribute values in a drawing. Function OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

FindAndReplaceExternalRefPaths

strTextToFind As String   External reference path to find
strReplaceText As String   Replacement text
Optional blnFindWholeWordOnly As Boolean   Find whole word only?
Optional blnReplaceWholeValue As Boolean   Replace whole value?
Optional blnMatchCase As Boolean   Case sensitive search?
Optional strFilter As String   Record filter

Returns: Long Integer (the number of external reference paths replaced)

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Method to find and replace external reference paths in a drawing. Function OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

FindAndReplaceImagePaths

strTextToFind As String   Image path to find
strReplaceText As String   Replacement text
Optional blnFindWholeWordOnly As Boolean   Find whole word only?
Optional blnReplaceWholeValue As Boolean   Replace whole value?
Optional blnMatchCase As Boolean   Case sensitive search?
Optional strFilter As String   Record filter

Returns: Long Integer (the number of image paths replaced)

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Method to find and replace image paths in a drawing. Function OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

FindAndReplaceText

strTextToFind As String   Text to find
strReplaceText As String   Replacement text
Optional lngTextType As Long   0 = Single line text, 1 = Multiple line text

Optional blnFindWholeWordOnly As Boolean	Find whole word only?
Optional blnReplaceWholeValue As Boolean	Replace whole value?
Optional blnMatchCase As Boolean	Case sensitive search?
Optional strFilter As String	Record filter

Returns: Long Integer (the number of text objects replaced)

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Method to find and replace single or multiple line text in a drawing. Function OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

FixXML

| strFile As Variant | XML file to fix |

Method to prepare an XML file for other methods such as XMLfileToArray. This method arranges XML data into rows and columns similar to a two dimensional array.

FlattenXMLfile

strSourceXMLFile As String	Source XML file
strTargetXMLFile As String	Target XML file (the new file to create)
lngChapter As Long	XML section. A number 0 through 9
Optional lngDrawingField As Long	Drawing field type to include. 0 to 5.

Returns: Integer

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Method to create a new XML file that can be imported into a two dimensional array or a recordset.

FlatXMLfileToArray

strXMLfile As String	XML file to use
varArray As Variant	Array to copy to
blnIncludeHeadings As Boolean	Include field headings?

Returns: Integer

1 = Success
-1 = XML file not found
-2 = Invalid XML file
-3 = Unknown error

Method to create a two dimensional array from a flattened XML file.

FlexGridToArray

fg As Object	FlexGrid object
varArray As Variant	Array to copy to
Optional lngStartRow As Long	FlexGrid start row
Optional lngStartCol As Integer	FlexGrid start column
Optional ByVal lngEndRow As Long	FlexGrid end row
Optional ByVal lngEndCol As Integer	FlexGrid end column

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error
VB only. Method to copy FlexGrid items to a two dimensional array.

ListBoxToOneDArray

lb As Object	ListBox object
varArray As Variant	Array to copy to
Optional blnSelectedOnly As Boolean	Use selected items only?

Returns: Integer

 1 = Success
-1 = lb is not a ListBox
-2 = varArray is not an array
-3 = Unknown error

VB only. Method to copy ListBox items to a one dimensional array.

ListViewToArray

lv As Object	ListView object
varArray As Variant	Array to copy to
Optional blnSelectedOnly As Boolean	Use selected items only?
Optional blnIncludeHeadings As Boolean	Include field headings?

Returns: Integer

1 = Success
-1 = varArray is not an array
-2 = Unknown error

VB only. Method to copy ListView items to a two dimensional array.

MultiLineTextToOneDArray

ByVal strText As String   Multiple line text
varArray As Variant   Array to copy to
Optional ByVal strDelimiter As String   Text delimiter

Returns: Integer

1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to copy multiple line text to a one dimensional array.

OneDArrayToClipboard

varArray As Variant   Array to copy from
strEndOfRowChar As String   End of row character
Optional strEndOfArrayChar As String   End of array character
Optional blnQuotes As Boolean   Quotes around each item?

Returns: Integer

1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to copy a one dimensional array to Window's Clipboard.

OneDArrayToHTMLFile

varArray As Variant
strHTMLFile As String
Optional strPageHeading As String
Optional strPageTitle As String
Optional strPageBackground As String
Optional strPageBackgroundColor As String
Optional lngTableAlign As TableAlignType = dwgCenter
Optional strBackground As String

Optional strBackgroundColor As String
Optional intBorder As Integer
Optional strBorderColor As String
Optional intCellSpacing As Integer
Optional intCellPadding As Integer
Optional intWidthPct As Integer = 100
Optional lngTableCellAlign As TableAlignType = dwgRight
Optional blnWrapCellData As Boolean
Optional blnBoldFirstRow As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to create an HTML file from a one dimensional array.

OneDArrayToHTMLTable

varArray As Variant
strTable As String
Optional lngTableAlign As TableAlignType = dwgCenter
Optional strBackground As String
Optional strBackgroundColor As String
Optional intBorder As Integer
Optional strBorderColor As String
Optional intCellSpacing As Integer
Optional intCellPadding As Integer
Optional intWidthPct As Integer = 100
Optional lngTableCellAlign As TableAlignType = dwgRight
Optional blnWrapCellData As Boolean
Optional blnBoldFirstRow As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to create an HTML table from a one dimensional array.

OneDArrayToText

varArray As Variant   Array to copy from
strText As String   Text variable to copy to

strEndOfRowChar As String   End of row character
Optional strEndOfArrayChar As String   End of array character
Optional blnQuotes As Boolean   Quotes around items?

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to create a string variable from a one dimensional array.

OneDArrayToTextFile

varArray As Variant   Array to copy from
strTextFile As String   Text file to create from array
Optional blnQuotes As Boolean   Quotes around items?

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to create a text file from a one dimensional array.

OneDArrayToWord

varArray As Variant
Optional strDocument As String
Optional blnSave As Boolean
Optional blnClose As Boolean
Optional lngTableType As TableType
Optional blnBold As Boolean
Optional strFont As String = "Times New Roman"
Optional intSize As Integer = 12
Optional intSpaceAfter As Integer = 10
Optional lngParagraphAlign As TableAlignType
Optional intColumnWidth As Integer
Optional blnBorders As Boolean
Optional blnShading As Boolean
Optional blnFont As Boolean
Optional blnColor As Boolean
Optional blnHeadingRows As Boolean
Optional blnLastRow As Boolean
Optional blnFirstColumn As Boolean

Optional blnLastColumn As Boolean
Optional blnAutoFit As Boolean
Optional lngPageOrientation As OrientationType

Returns: Integer

Method to create a Word table from a one dimensional array.

OpenDrawing

strFile As String   AutoCAD DWG or DXF file to open
Optional strPassword As String   Password

Returns: String

"OK" = File was opened successfully
Error message = File was not opened successfully

Method to open an AutoCAD drawing (DWG) file or DXF file. The OpenDrawing function should always be followed by function CloseDrawing to release drawing information from memory. Some functions dependent on OpenDrawing include: CloseDrawing, CreateDXF, CreateXML, SaveDrawing, SetImagePath, SetLayerState, SetReferenceFilePath, and UpdateBlockAttribute. OpenDrawing must be called before any of these functions can be used.

RecordsetToArray

objRecd As Object   Recordset object
varArray As Variant   Array to copy to
Optional blnIncludeHeadings As Boolean   Include field names?

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to copy an ADO recordset to a two dimensional array.

RecordsetToTextFile

objRecd As Object
strTextFile As String
Optional blnIncludeHeadings As Boolean
Optional ByVal strDelimiter As String
Optional blnQuotes As Boolean

Returns: Integer

 1 = Success
-1 = Unknown error

Method to copy an ADO recordset to a text file.

SaveDrawing

strDWGfile As String   New drawing file to create
Optional lngVersion As Long   Possible values: -1, 2004, 2000, 14, 12

Returns: String

"OK" = File was saved successfully
Error message = File was not saved successfully

Method to save the active AutoCAD drawing (DWG) file to a new file in specified version. Function
OpenDrawing must be called to set the active drawing before using this function. If lngVersion = -1 then
the new drawing will be saved as the same version.

SetImagePath

strImageFile As String
strImageHandle As String

Returns: String

"OK" = Image path set successfully
Error message = Image path not set successfully

Method to set the file path for an image in the active drawing (DWG) file. Function OpenDrawing must be
called to set the active drawing before using this function.

SetLayerState

strLayerName As String   Layer name to update
lngState As Long   1 = On, 2 = Off
lngMode As Long   1 = OnOff, 2 = Thaw

Returns: String

"OK" = Layer state set successfully
Error message = Layer state not set successfully

Method to set a layer's status (on/off, frozen/unfrozen) in the active drawing (DWG) file. Function OpenDrawing must be called to set the active drawing before using this function.

SetReferenceFilePath

strReferenceFilePath As String
strReferenceName As String

Returns: String

"OK" = External reference path set successfully
Error message = External reference path not set successfully

Method to set the file path for an external reference in the active drawing (DWG) file. Function OpenDrawing must be called to set the active drawing before using this function.

SortOneDArray

varArray As Variant   Array to sort
Optional ByVal lngSortOrder As Long   0 = Ascending, 1 = Descending

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to sort a one dimensional array.

SortTwoDArray

arrArray As Variant   Array to sort
blnDoNotIncludeFirstRow As Boolean   Do not include first row in sort?
ParamArray SortOrder() As Variant   pass in zero based field # and "asc" or "dec"

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Invalid column reference
-3 = Column reference outside of array bounds
-4 = Invalid sort order type
-5 = Unknown error

Method to sort a two dimensional array.

Example:

SortTwoDArray arr, False, 0, "asc", 15, "dec"   'sorts first and fourteenth columns in array

SystemDSNsToOneDArray

Returns: Variant (array)

Method to store system DSNs in a one dimensional array.

TextBoxToOneDArray

tb As Object   TextBox object
varArray As Variant   Array to copy to

Returns: Integer

 1 = Success
-1 = tb is not a TextBox
-2 = varArray is not an array
-3 = Unknown error

VB only. Method to copy a TextBox to a one dimensional array.

TextFileToArray

strTextFile As String
varArray As Variant
Optional ByVal strDelimiter As String
Optional blnRemoveQuotes As Boolean

Returns: Integer

Method to copy a text file to a two dimensional array.

TextFileToDatabaseTable

strTextFile As String   Text file path
strDSNorConnString As String   DSN or connection string
strTable As String   Database table name
Optional strUserID As String   User ID
Optional strPassword As String   Password
Optional blnOverwrite As Boolean   Overwrite existing records?
Optional ByVal strDelimiter As String   Text file delimiter
Optional blnRemoveQuotes As Boolean   Remove quotes in text file?

Returns: Integer

 1 = Success
-1 = Text file not found
-2 = Problem in text file
-3 = Unable to connect to database
-4 = Unable to open recordset
-5 = Number of fields in text file exceeds number of fields in table
-6 = Unknown error

Method to copy a text file to an ODBC compliant database table.

TextFileToOneDArray

strTextFile As String
varArray As Variant

Returns: Integer
 1 = Success
-1 = Unable to open text file
-2 = varArray is not an array
-3 = Unknown error

Method to copy a TextBox to a one dimensional array.

TreeViewToExcel

tv As Object
ByVal lngRow As Long
ByVal lngCol As Long
Optional blnSuppressRows As Boolean

Returns: Integer

 1 = Success
-1 = Invalid row/column
-2 = Unable to open Excel
-3 = Unknown error

VB only. Method to copy TreeView nodes to Excel.

TreeViewToTwoDArray

tv As Object
varArray As Variant
Optional blnSuppressRows As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

VB only. Method to copy TreeView nodes to a two dimensional array.

TwoDArrayToAccessTable

varArray As Variant	Two dimensional array to pass
strAccessMDB As String	Access database file path
strAccessTable As String	Access database table name
Optional strPassword As String	Password
Optional strQueryBeforeInsert As String	Query to run before inserting records
Optional strQueryAfterInsert As String	Query to run after inserting records
Optional blnExclusivelyOpenMDB As Boolean	Open Access database exclusively?

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to establish a database connection
-3 = Unable to open recordset
-4 = Number of fields in array exceed number of fields in table
-5 = Unknown error

Method to copy a two dimensional array to an Access database table.

TwoDArrayToClipboard

varArray As Variant
strDelimiter As String
strEndOfRowChar As String
Optional blnQuotes As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to copy a two dimensional array to Window's Clipboard.

TwoDArrayToCollection

varArray As Variant
cl As Collection

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = cl is not a collection object
-3 = Unknown error

VB only. Method to copy a two dimensional array to a collection.

TwoDArrayToDatabaseTable

varArray As Variant	Two dimensional array to pass
strDSNorConnString As String	DSN or connection string
strTable As String	Database table name
Optional strUserID As String	User ID
Optional strPassword As String	Password
Optional blnOverwrite As Boolean	Overwrite all records?

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to connect to database
-3 = Unable to open recordset
-4 = Number of fields in array exceed number of fields in table
-5 = Unknown error

Method to copy a two dimensional array to an ODBC compliant database table.

TwoDArrayToDictionary

varArray As Variant
cl As Collection

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = cl is not a collection object
-3 = Unknown error

VB only. Method to copy a two dimensional array to a dictionary.

TwoDArrayToFlexGrid

varArray As Variant
fg As Object

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to copy a two dimensional array to a FlexGrid.

TwoDArrayToHTMLFile

varArray As Variant
strHTMLFile As String
Optional strPageHeading As String
Optional strPageTitle As String
Optional strPageBackground As String
Optional strPageBackgroundColor As String
Optional lngTableAlign As TableAlignType = dwgCenter
Optional strBackground As String
Optional strBackgroundColor As String
Optional intBorder As Integer
Optional strBorderColor As String
Optional intCellSpacing As Integer
Optional intCellPadding As Integer
Optional intWidthPct As Integer = 100
Optional lngTableCellAlign As TableAlignType = dwgRight
Optional blnWrapCellData As Boolean
Optional blnBoldFirstRow As Boolean
Optional blnBoldFirstColumn As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to copy a two dimensional array to an HTML file.

TwoDArrayToHTMLTable

varArray As Variant

strTable As String
Optional lngTableAlign As TableAlignType = dwgCenter
Optional strBackground As String
Optional strBackgroundColor As String
Optional intBorder As Integer
Optional strBorderColor As String
Optional intCellSpacing As Integer
Optional intCellPadding As Integer
Optional intWidthPct As Integer = 100
Optional lngTableCellAlign As TableAlignType = dwgRight
Optional blnWrapCellData As Boolean
Optional blnBoldFirstRow As Boolean
Optional blnBoldFirstColumn As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to copy a two dimensional array to an HTML table.

TwoDArrayToListView

varArray As Variant
lv As Object
Optional varSelectItems As Variant

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

VB only. Method to copy a two dimensional array to a ListView.

TwoDArrayToMySQLTable

varArray As Variant	Two dimensional array to pass
strMySQLDB As String	MySQL database name
strTable As String	MySQL database table name
Optional strUserID As String	User ID
Optional strPassword As String	Password
Optional strQueryBeforeInsert As String	Query to run before inserting records
Optional strQueryAfterInsert As String	Query to run after inserting records

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to connect to database
-3 = Unable to open recordset
-4 = Number of fields in array exceeds number of fields in table
-5 = Unknown error

Method to copy a two dimensional array to a MySQL database table.

TwoDArrayToOracleTable

varArray As Variant	Two dimensional array to pass
ByVal lngProvider As Long	ODBC Provider. 0 = Microsoft, 1 = Oracle
strOracleDB As String	Oracle database name
strTable As String	Oracle database table name
Optional blnTrustedConnection As Boolean	Trusted connection?
Optional strUserID As String	User ID
Optional strPassword As String	Password
Optional strQueryBeforeInsert As String	Query to run before inserting records
Optional strQueryAfterInsert As String	Query to run after inserting records

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to connect to database
-3 = Unable to open recordset
-4 = Number of fields in array exceeds number of fields in table
-5 = Unknown error

Method to copy a two dimensional array to an Oracle database table.

TwoDArrayToRecordset

varArray As Variant
objRecd As Object

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to copy values from a two dimensional array to an existing recordset. Note: Array schema must match recordset schema otherwise an error will occur.

TwoDArrayToSQLServerTable

varArray As Variant	Two dimensional array to pass
strServer As String	SQL Server name
strDatabase As String	SQL Server database name
strTable As String	SQL Server database table name
Optional blnTrustedConnection As Boolean	Trusted connection?
Optional strUserID As String	User ID
Optional strPassword As String	Password
Optional strQueryBeforeInsert As String	Query to run before inserting records
Optional strQueryAfterInsert As String	Query to run after inserting records

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to connect to database
-3 = Unable to open recordset
-4 = Number of fields in array exceeds number of fields in table
-5 = Unknown error

Method to copy values from a two dimensional array to an SQL Server table.

TwoDArrayToSybaseTable

varArray As Variant	Two dimensional array to pass
strServer As String	Sybase Server name
strDatabase As String	Sybase database name
strTable As String	Sybase database table name
Optional strUserID As String	User ID
Optional strPassword As String	Password
Optional strQueryBeforeInsert As String	Query to run before inserting records
Optional strQueryAfterInsert As String	Query to run after inserting records

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to connect to database
-3 = Unable to open recordset
-4 = Number of fields in array exceeds number of fields in table
-5 = Unknown error

Method to copy values from a two dimensional array to a Sybase table.

TwoDArrayToText

varArray As Variant
strText As String
strDelimiter As String
strEndOfRowChar As String
Optional blnQuotes As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to copy a two dimensional array to a string variable.

TwoDArrayToTextFile

varArray As Variant
strTextFile As String
Optional ByVal strDelimiter As String = ","
Optional blnQuotes As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Method to copy a two dimensional array to a text file.

TwoDArrayToTreeView

varArray As Variant
tv As Object
Optional blnExpandAll As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

VB only. Method to copy a two dimensional array to a TreeView.

TwoDArrayToVisualFoxproTable

varArray As Variant	Two dimensional array to pass
strVisualFoxproDB As String	Visual Foxpro database name
strTable As String	Visual Foxpro database table name
Optional strQueryBeforeInsert As String	Query to run before inserting records
Optional strQueryAfterInsert As String	Query to run after inserting records

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to connect to database
-3 = Unable to open recordset
-4 = Number of fields in array exceeds number of fields in table
-5 = Unknown error

Method to copy values from a two dimensional array to a Visual Foxpro table.

TwoDArrayToWord

varArray As Variant
Optional strDocument As String
Optional blnSave As Boolean
Optional blnClose As Boolean
Optional lngTableType As TableType
Optional blnBold As Boolean
Optional strFont As String = "Times New Roman"
Optional intSize As Integer = 12
Optional intSpaceAfter As Integer = 10
Optional lngParagraphAlign As TableAlignType
Optional intColumnWidth As Integer
Optional blnBorders As Boolean
Optional blnShading As Boolean
Optional blnFont As Boolean
Optional blnColor As Boolean
Optional blnHeadingRows As Boolean
Optional blnLastRow As Boolean
Optional blnFirstColumn As Boolean
Optional blnLastColumn As Boolean
Optional blnAutoFit As Boolean
Optional lngPageOrientation As OrientationType

Returns: Integer

1 = Success
-1 = Unable to open Word
-2 = varArray is not an array
-3 = Unknown error

Method to copy a two dimensional array to a Word table. Note: Word is required.

UpdateBlockAttribute

strAttributeValue As String
strAttributeHandle As String

Method to set the value of a block attribute in the active drawing (DWG) file. Function OpenDrawing must be called to set the active drawing before using this function.

Returns: String

"OK" = Block attribute value updated successfully
Error message = Block attribute value was not updated successfully

UpdateText

strTextValue As String
strTextHandle As String

Method to set the value of text in the active drawing (DWG) file. Function OpenDrawing must be called to set the active drawing before using this function.

Returns: String

"OK" = Text value updated successfully
Error message = Text value was not updated successfully

Version

Method to get the version number (major.minor.revision) of DWG Miner DLL.

Web_ArrayToExcel

varArray As Variant	Two dimensional array to copy to Excel
lngRow As Long	Excel worksheet start row
lngCol As Long	Excel worksheet start column
Optional strWorkbook As String	Existing Excel workbook
Optional blnUseOpenWorkbook As Boolean	Use an open Excel workbook?
Optional strSaveToFile As String	Excel workbook name
Optional varWorksheet As Variant	Excel worksheet name or number to copy to

Optional strPassword As String	Excel workbook password
Optional strWriteResPassword As String	Excel workbook write reserve password
Optional blnCloseWorkbook As Boolean	Close Excel workbook after copying array?
Optional blnTranspose As Boolean	Transpose the array in Excel worksheet?
Optional blnSetColumnWidths As Boolean = True	Automatically adjust Excel worksheet cells?
Optional blnBoldFirstRow As Boolean	Bold first row in Excel worksheet?
Optional blnBoldFirstColumn As Boolean	Bold first column in Excel worksheet?
Optional blnFreezeHeaders As Boolean	Freeze headers in Excel worksheet?
Optional strSheetName As String	New Excel worksheet name

Returns: Integer

```
 1 = Success
-1 = Invalid column/row
-2 = varArray is not an array
-3 = Unable to open Excel
-4 = Unknown error
```

Web method to copy a two dimensional array to an Excel workbook's worksheet. Note: Excel is required.

Web_CloseDrawing

Returns: String

"OK" = File was closed successfully
Error message = File was not closed successfully

Web method to close the active drawing. This function must be called each time function Web_OpenDrawing is used to release drawing information from memory.

Web_CloseExcelHiddenInstances

| Optional blnCloseBeforeDestroy As Boolean | Close before destroying Excel instance? |
| Optional blnPromptBeforeClose As Boolean | Prompt before closing Excel workbook? |

Web method to close any open instances of Excel.

Web_CreateBlockAttributeArray

vArr As Variant	Array to create
Optional lngDrawingSpace As Long	0 = Both, 1 = Paper, 2 = Model
Optional strLayout As String	Layout name
Optional strBlock As String	Block name
Optional strLayer As String	Layer name
Optional ByVal lngDrawingField As Long	Values: 0 through 5
Optional blnIncludeHeadings As Boolean = True	Include field headings?

Optional varAttributeTags As Variant   Block attribute tag array

Returns: Integer

 1 = Success
-1 = Unknown error

Web method to extract block attribute tags and values and store them in a two dimensional array. Note: Since multiple blocks can be used pass a value to the strFilter parameter to specify specific blocks, layers, etc.

Web_CreateDXF

strDXFfile As String   DXF file to create
Optional ByVal intPrecision As Integer   Number precision. 0 through 16
Optional lngVersion As Long   AutoCAD version. 2004, 2000, 14, 12, 11, 10

Returns: String

"OK" = DXF file was created successfully
Error message = DXF file was not created successfully

Web method to create a DXF file from the active drawing (DWG) file. Function Web_OpenDrawing must be called to set the active drawing before using this function.

Web_CreateXML

strXMLFile As String   XML file to create
Optional intBlocks As Integer   Create block section. 1 = Yes, 0 = No
Optional intAttributeDefinitions As Integer   Create attribute definition section. 1 = Yes, 0 = No
Optional intExternalReferences As Integer   Create external reference section. 1 = Yes, 0 = No
Optional intLayers As Integer   Create layers section. 1 = Yes, 0 = No
Optional intLayouts As Integer   Create layouts section. 1 = Yes, 0 = No
Optional intSystemVariables As Integer   Create system variables section. 1 = Yes, 0 = No
Optional intImages As Integer   Create images section. 1 = Yes, 0 = No
Optional intText As Integer   Create text section. 1 = Yes, 0 = No

Returns: String

"OK" = XML file was created successfully
Error message = XML file was not created successfully

Web method to create an XML file from the active drawing (DWG) file or DXF file. Function Web_OpenDrawing must be called to set the active drawing/DXF before using this function.

Web_DatabaseTableToArray

strDSN As String	DSN name
strSQL As String	SQL statement
varArray As Variant	Array to copy to
Optional strUserID As String	Database connection user ID
Optional strPassword As String	Database connection password
Optional blnIncludeHeadings As Boolean	Include record field headings?

Returns: Integer

```
 1 = Success
-1 = varArray is not an array
-2 = Unable to establish a database connection
-3 = Unable to open recordset
-4 = Unknown error
```

Web method to copy an ADO database table to a two dimensional array.

Web_DatabaseTableToTextFile

strDSN As String	DSN name
strSQL As String	SQL statement
strTextFile As String	Text file to create
Optional strUserID As String	Database connection user ID
Optional strPassword As String	Database connection password
Optional blnIncludeHeadings As Boolean	Include record field headings?
Optional ByVal strDelimiter As String	Delimiter between values
Optional blnQuotes As Boolean	Quotes around values?
Returns: Integer	

```
 1 = Success
-1 = Unable to establish a database connection
-2 = Unable to open recordset
-3 = Unknown error
```

Web method to copy an ADO database table to a text file.

Web_DeleteObject

| strTextHandle As String | Object handle |

Returns: String

```
"OK" = Success
Error message = Unable to delete object
```

Web method to delete an object in a drawing.

Web_FindAndDeleteAttributeDefObjects

strTextToFind As String   Attribute tag name to find
Optional blnFindWholeWordOnly As Boolean   Find whole word only?
Optional blnMatchCase As Boolean   Case sensitive search?
Optional strFilter As String   Record filter

Returns: Long Integer (the number of block attribute definition objects deleted)

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Web method to find and delete block attribute definition objects in a drawing. Function
Web_OpenDrawing must be called to set the active drawing/DXF before using this function.
Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

Web_FindAndDeleteBlockAttributeObjects

strTextToFind As String   Attribute tag or value text to find
Optional blnFindTagName As Boolean   Find tag name?
Optional blnFindWholeWordOnly As Boolean   Find whole word only?
Optional blnMatchCase As Boolean   Case sensitive search?
Optional strFilter As String   Record filter

Returns: Long Integer (the number of block objects deleted)

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Web method to find and delete block attribute objects in a drawing. Function Web_OpenDrawing must be
called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

Web_FindAndDeleteBlockObjects

strTextToFind As String   Block name to find
Optional blnFindWholeWordOnly As Boolean   Find whole word only?
Optional blnMatchCase As Boolean   Case sensitive search?
Optional strFilter As String   Record filter

Returns: Long Integer (the number of block objects deleted)

1 = Success
-1 = Source XML file not found
-2 = Unknown error

Web method to find and delete block objects in a drawing. Function Web_OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

Web_FindAndDeleteTextObjects

strTextToFind As String	Text to find
Optional lngTextType As Long	0 = Single line text, 1 = Multiple line text
Optional blnFindWholeWordOnly As Boolean	Find whole word only?
Optional blnMatchCase As Boolean	Case sensitive search?
Optional strFilter As String	Record filter

Returns: Long Integer (the number of text objects deleted)

1 = Success
-1 = Source XML file not found
-2 = Unknown error

Web method to find and delete text objects in a drawing. Function Web_OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

Web_FindAndReplaceBlockAttributes

strTextToFind As String	Attribute tag or value text to find
strReplaceText As String	Replacement text
Optional blnFindTagName As Boolean	Find tag name?
Optional blnFindWholeWordOnly As Boolean	Find whole word only?
Optional blnReplaceWholeValue As Boolean	Replace whole value?
Optional blnMatchCase As Boolean	Case sensitive search?
Optional strFilter As String	Record filter

Returns: Long Integer (the number of block attribute values replaced)

1 = Success
-1 = Source XML file not found
-2 = Unknown error

Web method to find and replace block attribute values in a drawing. Function Web_OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

Web_FindAndReplaceExternalRefPaths

strTextToFind As String   External reference path to find
strReplaceText As String   Replacement text
Optional blnFindWholeWordOnly As Boolean   Find whole word only?
Optional blnReplaceWholeValue As Boolean   Replace whole value?
Optional blnMatchCase As Boolean   Case sensitive search?
Optional strFilter As String   Record filter

Returns: Long Integer (the number of external reference paths replaced)

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Web method to find and replace external reference paths in a drawing. Function Web_OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

Web_FindAndReplaceImagePaths

strTextToFind As String   Image path to find
strReplaceText As String   Replacement text
Optional blnFindWholeWordOnly As Boolean   Find whole word only?
Optional blnReplaceWholeValue As Boolean   Replace whole value?
Optional blnMatchCase As Boolean   Case sensitive search?
Optional strFilter As String   Record filter

Returns: Long Integer (the number of image paths replaced)

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Web method to find and replace image paths in a drawing. Function Web_OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

Web_FindAndReplaceText

strTextToFind As String	Text to find
strReplaceText As String	Replacement text
Optional lngTextType As Long	0 = Single line text, 1 = Multiple line text
Optional blnFindWholeWordOnly As Boolean	Find whole word only?
Optional blnReplaceWholeValue As Boolean	Replace whole value?
Optional blnMatchCase As Boolean	Case sensitive search?
Optional strFilter As String	Record filter

Returns: Long Integer (the number of text objects replaced)

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Web method to find and replace single or multiple line text in a drawing. Function Web_OpenDrawing must be called to set the active drawing/DXF before using this function.

Note: Passing an asterisk "*" to parameter strTextToFind will find all text.

Web_FlattenXMLfile

strSourceXMLFile As String	Source XML file
strTargetXMLFile As String	Target XML file (the new file to create)
lngChapter As Long	XML section. A number 0 through 9
Optional lngDrawingField As Long	Drawing field type to include. 0 to 5.

Returns: Integer

 1 = Success
-1 = Source XML file not found
-2 = Unknown error

Web method to create a new XML file that can be imported into a two dimensional array or a recordset.

Web_FlatXMLfileToArray

strXMLfile As String	XML file to use
varArray As Variant	Array to copy to
blnIncludeHeadings As Boolean	Include field headings?

Returns: Integer

 1 = Success
-1 = XML file not found
-2 = Invalid XML file

-3 = Unknown error

Web method to create a two dimensional array from a flattened XML file.

Web_OpenDrawing

strFile As String   AutoCAD DWG or DXF file to open
Optional strPassword As String   Password

Returns: String

"OK" = File was opened successfully
Error message = File was not opened successfully

Web method to open an AutoCAD drawing (DWG) file or DXF file. The Web_OpenDrawing function should always be followed by function Web_CloseDrawing to release drawing information from memory. Some functions dependent on Web_OpenDrawing include: Web_CloseDrawing, Web_CreateDXF, Web_CreateXML, Web_SaveDrawing, Web_SetImagePath, Web_SetLayerState, Web_SetReferenceFilePath, and Web_UpdateBlockAttribute. Web_OpenDrawing must be called before any of these functions can be used.

Web_RecordsetToArray

objRecd As Object   Recordset object
varArray As Variant   Array to copy to
Optional blnIncludeHeadings As Boolean   Include field names?

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Web method to copy an ADO recordset to a two dimensional array.

Web_RecordsetToTextFile

objRecd As Object
strTextFile As String
Optional blnIncludeHeadings As Boolean
Optional ByVal strDelimiter As String
Optional blnQuotes As Boolean

Returns: Integer

 1 = Success

-1 = Unknown error

Web method to copy an ADO recordset to a text file.

Web_SaveDrawing

strDWGfile As String   New drawing file to create
Optional lngVersion As Long   Possible values: -1, 2004, 2000, 14, 12

Returns: String

"OK" = File was saved successfully
Error message = File was not saved successfully

Web method to save the active AutoCAD drawing (DWG) file to a new file in specified version. Function Web_OpenDrawing must be called to set the active drawing before using this function. If lngVersion = -1 then the new drawing will be saved as the same version.

Web_SetImagePath

strImageFile As String
strImageHandle As String

Returns: String

"OK" = Image path set successfully
Error message = Image path not set successfully

Web method to set the file path for an image in the active drawing (DWG) file. Function Web_OpenDrawing must be called to set the active drawing before using this function.

Web_SetLayerState

strLayerName As String   Layer name to update
lngState As Long   1 = On, 2 = Off
lngMode As Long   1 = OnOff, 2 = Thaw

Returns: String

"OK" = Layer state set successfully
Error message = Layer state not set successfully

Web method to set a layer's status (on/off, frozen/unfrozen) in the active drawing (DWG) file. Function Web_OpenDrawing must be called to set the active drawing before using this function.

Web_SetReferenceFilePath

strReferenceFilePath As String
strReferenceName As String

Returns: String

"OK" = External reference path set successfully
Error message = External reference path not set successfully

Web method to set the file path for an external reference in the active drawing (DWG) file. Function Web_OpenDrawing must be called to set the active drawing before using this function.

Web_SortTwoDArray

arrArray As Variant	Array to sort
blnDoNotIncludeFirstRow As Boolean	Do not include first row in sort?
ParamArray SortOrder() As Variant	pass in zero based field # and "asc" or "dec"

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Invalid column reference
-3 = Column reference outside of array bounds
-4 = Invalid sort order type
-5 = Unknown error

Web method to sort a two dimensional array.

Example:

Web_SortTwoDArray arr, False, 0, "asc", 15, "dec" 'sorts first and fourteenth columns in array

Web_TextFileToArray

strTextFile As String
varArray As Variant
Optional ByVal strDelimiter As String
Optional blnRemoveQuotes As Boolean

Returns: Integer

Web method to copy a text file to a two dimensional array.

Web_TextFileToDatabaseTable

strTextFile As String	Text file path
strDSNorConnString As String	DSN or connection string
strTable As String	Database table name
Optional strUserID As String	User ID
Optional strPassword As String	Password
Optional blnOverwrite As Boolean	Overwrite existing records?
Optional ByVal strDelimiter As String	Text file delimiter
Optional blnRemoveQuotes As Boolean	Remove quotes in text file?

Returns: Integer

 1 = Success
-1 = Text file not found
-2 = Problem in text file
-3 = Unable to connect to database
-4 = Unable to open recordset
-5 = Number of fields in text file exceeds number of fields in table
-6 = Unknown error

Web method to copy a text file to an ODBC compliant database table.

Web_TwoDArrayToAccessTable

varArray As Variant	Two dimensional array to pass
strAccessMDB As String	Access database file path
strAccessTable As String	Access database table name
Optional strPassword As String	Password
Optional strQueryBeforeInsert As String	Query to run before inserting records
Optional strQueryAfterInsert As String	Query to run after inserting records
Optional blnExclusivelyOpenMDB As Boolean	Open Access database exclusively?

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to establish a database connection
-3 = Unable to open recordset
-4 = Number of fields in array exceed number of fields in table
-5 = Unknown error

Web method to copy a two dimensional array to an Access database table.

Web_TwoDArrayToClipboard

varArray As Variant
strDelimiter As String

strEndOfRowChar As String
Optional blnQuotes As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Web method to copy a two dimensional array to Window's Clipboard.

Web_TwoDArrayToDatabaseTable

varArray As Variant	Two dimensional array to pass
strDSNorConnString As String	DSN or connection string
strTable As String	Database table name
Optional strUserID As String	User ID
Optional strPassword As String	Password
Optional blnOverwrite As Boolean	Overwrite all records?

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to connect to database
-3 = Unable to open recordset
-4 = Number of fields in array exceed number of fields in table
-5 = Unknown error

Web method to copy a two dimensional array to an ODBC compliant database table.

Web_TwoDArrayToHTMLFile

varArray As Variant
strHTMLFile As String
Optional strPageHeading As String
Optional strPageTitle As String
Optional strPageBackground As String
Optional strPageBackgroundColor As String
Optional lngTableAlign As TableAlignType = dwgCenter
Optional strBackground As String
Optional strBackgroundColor As String
Optional intBorder As Integer
Optional strBorderColor As String
Optional intCellSpacing As Integer
Optional intCellPadding As Integer

Optional intWidthPct As Integer = 100
Optional lngTableCellAlign As TableAlignType = dwgRight
Optional blnWrapCellData As Boolean
Optional blnBoldFirstRow As Boolean
Optional blnBoldFirstColumn As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Web method to copy a two dimensional array to an HTML file.

Web_TwoDArrayToHTMLTable

varArray As Variant
strTable As String
Optional lngTableAlign As TableAlignType = dwgCenter
Optional strBackground As String
Optional strBackgroundColor As String
Optional intBorder As Integer
Optional strBorderColor As String
Optional intCellSpacing As Integer
Optional intCellPadding As Integer
Optional intWidthPct As Integer = 100
Optional lngTableCellAlign As TableAlignType = dwgRight
Optional blnWrapCellData As Boolean
Optional blnBoldFirstRow As Boolean
Optional blnBoldFirstColumn As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Web method to copy a two dimensional array to an HTML table.

Web_TwoDArrayToMySQLTable

varArray As Variant	Two dimensional array to pass
strMySQLDB As String	MySQL database name
strTable As String	MySQL database table name
Optional strUserID As String	User ID
Optional strPassword As String	Password

Optional strQueryBeforeInsert As String   Query to run before inserting records
Optional strQueryAfterInsert As String   Query to run after inserting records

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to connect to database
-3 = Unable to open recordset
-4 = Number of fields in array exceeds number of fields in table
-5 = Unknown error

Web method to copy a two dimensional array to a MySQL database table.

Web_TwoDArrayToOracleTable

varArray As Variant   Two dimensional array to pass
ByVal lngProvider As Long   ODBC Provider. 0 = Microsoft, 1 = Oracle
strOracleDB As String   Oracle database name
strTable As String   Oracle database table name
Optional blnTrustedConnection As Boolean   Trusted connection?
Optional strUserID As String   User ID
Optional strPassword As String   Password
Optional strQueryBeforeInsert As String   Query to run before inserting records
Optional strQueryAfterInsert As String   Query to run after inserting records

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to connect to database
-3 = Unable to open recordset
-4 = Number of fields in array exceeds number of fields in table
-5 = Unknown error

Web method to copy a two dimensional array to an Oracle database table.

Web_TwoDArrayToRecordset

varArray As Variant
objRecd As Object

Returns: Integer

 1 = Success
-1 = varArray is not an array

-2 = Unknown error

Web method to copy values from a two dimensional array to an existing recordset. Note: Array schema must match recordset schema otherwise an error will occur.

Web_TwoDArrayToSQLServerTable

varArray As Variant	Two dimensional array to pass
strServer As String	SQL Server name
strDatabase As String	SQL Server database name
strTable As String	SQL Server database table name
Optional blnTrustedConnection As Boolean	Trusted connection?
Optional strUserID As String	User ID
Optional strPassword As String	Password
Optional strQueryBeforeInsert As String	Query to run before inserting records
Optional strQueryAfterInsert As String	Query to run after inserting records

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to connect to database
-3 = Unable to open recordset
-4 = Number of fields in array exceeds number of fields in table
-5 = Unknown error

Web method to copy values from a two dimensional array to an SQL Server table.

Web_TwoDArrayToSybaseTable

varArray As Variant	Two dimensional array to pass
strServer As String	Sybase Server name
strDatabase As String	Sybase database name
strTable As String	Sybase database table name
Optional strUserID As String	User ID
Optional strPassword As String	Password
Optional strQueryBeforeInsert As String	Query to run before inserting records
Optional strQueryAfterInsert As String	Query to run after inserting records

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unable to connect to database
-3 = Unable to open recordset
-4 = Number of fields in array exceeds number of fields in table

-5 = Unknown error

Web method to copy values from a two dimensional array to a Sybase table.

Web_TwoDArrayToText

varArray As Variant
strText As String
strDelimiter As String
strEndOfRowChar As String
Optional blnQuotes As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Web method to copy a two dimensional array to a string variable.

Web_TwoDArrayToTextFile

varArray As Variant
strTextFile As String
Optional ByVal strDelimiter As String = ","
Optional blnQuotes As Boolean

Returns: Integer

 1 = Success
-1 = varArray is not an array
-2 = Unknown error

Web method to copy a two dimensional array to a text file.

Web_TwoDArrayToVisualFoxproTable

varArray As Variant	Two dimensional array to pass
strVisualFoxproDB As String	Visual Foxpro database name
strTable As String	Visual Foxpro database table name
Optional strQueryBeforeInsert As String	Query to run before inserting records
Optional strQueryAfterInsert As String	Query to run after inserting records

Returns: Integer

 1 = Success

-1 = varArray is not an array
-2 = Unable to connect to database
-3 = Unable to open recordset
-4 = Number of fields in array exceeds number of fields in table
-5 = Unknown error

Web method to copy values from a two dimensional array to a Visual Foxpro table.

Web_TwoDArrayToWord

varArray As Variant
Optional strDocument As String
Optional blnSave As Boolean
Optional blnClose As Boolean
Optional lngTableType As TableType
Optional blnBold As Boolean
Optional strFont As String = "Times New Roman"
Optional intSize As Integer = 12
Optional intSpaceAfter As Integer = 10
Optional lngParagraphAlign As TableAlignType
Optional intColumnWidth As Integer
Optional blnBorders As Boolean
Optional blnShading As Boolean
Optional blnFont As Boolean
Optional blnColor As Boolean
Optional blnHeadingRows As Boolean
Optional blnLastRow As Boolean
Optional blnFirstColumn As Boolean
Optional blnLastColumn As Boolean
Optional blnAutoFit As Boolean
Optional lngPageOrientation As OrientationType

Returns: Integer

 1 = Success
-1 = Unable to open Word
-2 = varArray is not an array
-3 = Unknown error

Web method to copy a two dimensional array to a Word table. Note: Word is required.

Web_UpdateBlockAttribute

strAttributeValue As String
strAttributeHandle As String

Web method to set the value of a block attribute in the active drawing (DWG) file. Function Web_OpenDrawing must be called to set the active drawing before using this function.

Returns: String

"OK" = Block attribute value updated successfully
Error message = Block attribute value was not updated successfully

Web_UpdateText

strTextValue As String
strTextHandle As String

Web method to set the value of text in the active drawing (DWG) file. Function Web_OpenDrawing must be called to set the active drawing before using this function.

Returns: String

"OK" = Text value updated successfully
Error message = Text value was not updated successfully

Web_XMLfileToArray

strXMLFile As String
lngChapter As ChapterType
varArray As Variant
Optional blnIncludeHeadings As Boolean
Optional strFilter As String
Optional varFields As Variant

Returns: Integer

 1 = Success
-1 = XML file not found
-2 = Unable to create ADO recordset
-3 = Unable to establish XML ADO connection
-4 = Unknown error

Web method to copy an XML file to a two dimensional array.

Web_XMLFileToRecordset

strXMLFile As String
objRecd As Object

Returns: Integer

1 = Success
-1 = Unable to establish XML ADO connection
-2 = Unable to open ADO recordset

Web method to create an ADO recordset from an XML file.

XMLfileToArray

strXMLFile As String
lngChapter As ChapterType
varArray As Variant
Optional blnIncludeHeadings As Boolean
Optional strFilter As String
Optional varFields As Variant

Returns: Integer

1 = Success
-1 = XML file not found
-2 = Unable to create ADO recordset
-3 = Unable to establish XML ADO connection
-4 = Unknown error

Method to copy an XML file to a two dimensional array.

XMLFileToRecordset

strXMLFile As String
objRecd As Object

Returns: Integer

1 = Success
-1 = Unable to establish XML ADO connection
-2 = Unable to open ADO recordset

Method to create an ADO recordset from an XML file.

XMLFileToTreeView

strXMLFile As String
tv As Object
Optional blnExpandAll As Boolean

Returns: Integer

1 = Success
-1 = Unable to establish XML ADO connection
-2 = Unable to load XML file
-3 = Unknown error

VB only. Method to copy an XML file to a TreeView.