

# AltFileSearch

AltFileSearch is a drop-in replacement for the Excel 2003 FileSearch Object. This feature was removed in Excel 2007.

AltFileSearch provides all the main properties and methods in common use in FileSearch code in Excel 2003 and previous versions.

AltFileSearch is designed to search for a variety of file types. It does not search within files.

AltFileSearch is a VBA Class module.

The developer imports the class to their project then changes any FileSearch object to be AltFileSearch objects. The project should now work in Excel 2007.

Licensees are permitted to distribute the AltFileSearch source code as part of their solutions. Full license details are available from the Codemantic website and from the AltFileSearch distribution zip.

## **Methods Supported**

### **Execute(SortBy, SortOrder, AlwaysAccurate)**

Execute the search and populate the foundFiles collection.

#### **SortBy**

Possible values:

<b>Enumeration</b>	<b>Support</b>
msoSortByFileName (default)	Works on AltFileSearch, didn't appear to on Application.FileSearch
msoSortByFileType	Not supported
msoSortByLastModified	Not supported
msoSortByNone	Not supported
msoSortBySize	Not supported

#### **SortOrder**

Possible values:

<b>Enumeration</b>	<b>Support</b>
msoSortOrderAscending (default)	Supported
msoSortOrderDescending	Not supported

#### **AlwaysAccurate**

This attribute was to tell Office whether to use the file index or just manually search through all the files. AltFileSearch always searches through the files, so this is irrelevant, but we do still display a message if for some reason "false" is passed to it.

Possible values:

<b>Value</b>	<b>Support</b>
True (default)	Supported
False	Not supported

#### **NewSearch**

Resets all the search criteria settings to their default settings. Resets LookIn to 'C:\'.

## Properties Supported

### DeleteFile

Should the matching files be deleted as the search progresses? Read and write. Type = Boolean

### DeleteFolder

Should the matching folders be deleted as the search progresses? Read and write. Type = Boolean

### FileName

Returns or sets the name of the file to look for during a file search. Can include wildcards such as ? and \*. Read and write. Type = string.

### FileType

Returns or sets the type of file to look for during a file search. Read and write. Type = msoFileType

Constant	MS Documented Extensions	Extra Extensions Supported by AltFileSearch
msoFileTypeOfficeFiles (default)	doc, xls, ppt, pps, obd, mdb, mpd, dot, xlt, pot, obt, htm, html	docx, docm, dotx, dotm, xlsx, xlsx, xltm, xltm, xlsb, xlam, pptx, pptm, potx, potm, ppam, ppsx, ppsm, ACCDB, ACCDE, ACCDT, ACCDR
msoFileTypeAllFiles	No documentation	All
msoFileTypeBinders	No documentation	All
msoFileTypeDatabases	No documentation	mdb, mpd, ACCDB, ACCDE, ACCDT, ACCDR
msoFileTypeExcelWorkbooks	No documentation	xls, xlt, xlsx, xlsx, xltm, xltm, xlsb, xlam
msoFileTypePowerPointPresentations	No documentation	ppt, pps, pptx, pptm, potx, potm, ppam, ppsx, ppsm
msoFileTypeTemplates	No documentation	dot, xlt, pot, obt, dotx, dotm, xltm, xltm, pptx, pptm, potx, potm
msoFileTypeWordDocuments	No documentation	doc, dot, docx, docm, dotx, dotm

### FoundFiles

Returns a collection of the names of all the files found during the search. Read only. Type = Collection

File names can be accessed in a For Each loop:

```
For Each vfile In theFileNameList
    Debug.Print vfile
Next vfile
```

### IncludeDirs

Should folder results be included with search results? Read and write. Type = Boolean.

**LookIn**

Returns or sets the folder to be searched during the specified file search. Read and write. Type = String.

**SearchSubFolders**

Should the search include all the subfolders of the folder specified in LookIn? Type = Boolean

## ***FileSearch Properties and Methods Not Supported***

### **Application**

Not supported (not entirely sure what you'd want this for).

### **Creator**

Not supported (not entirely sure what you'd want this for either).

### **LastModified**

Not supported

### **FileTypes**

Not supported

### **MatchAllWordForms**

Not supported

### **MatchTextExactly**

Not supported

### **PropertyTests**

Not supported

### **RefreshScopes**

Not supported

### **SearchFolders**

Not supported

### **SearchScopes**

Not supported

### **TextOrProperty**

Not supported

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