

Excel VBA ディレクトリの再帰処理

[Excel VBA]

FileSystemObject

<http://msdn.microsoft.com/ja-jp/library/cc392182.aspx>

ディレクトリの再帰処理を Dir 関数を使って書こうと思ったら、困難そうなので、FileSystemObject を使う。

```
Const FileAttrNormal = 0
Const FileAttrReadOnly = 1
Const FileAttrHidden = 2
Const FileAttrSystem = 4
Const FileAttrVolume = 8
Const FileAttrDirectory = 16
Const FileAttrArchive = 32
Const FileAttrAlias = 64
Const FileAttrCompressed = 128

Private fso As Object

Public Sub recursiveProc()
    Dim d As String
    Dim folder As Object

    Set fso = CreateObject("Scripting.FileSystemObject")

    Set folder = fso.GetFolder("c:¥")

    Call traverse(folder)
End Sub

Private Function traverse(path As Object) As Object
    Dim sfs As Object
    Dim sf As Object
    Dim fs As Object
    Dim f As Object

    If path.Attributes And FileAttrDirectory Then
        Debug.Print "DIR : " & path
        Set sfs = path.SubFolders
        For Each sf In sfs
            Call traverse(sf)
        Next

        Set fs = path.Files
        For Each f In fs
            Call traverse(f)
        Next
    End If

    If path.Attributes And FileAttrArchive Then
        Debug.Print "FILE : " & path
    End If
End Function
```