

Re: Creating AD users from Excel help

Source:

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.vbscript/2006-08/msg00512.html>

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With this script, how will the script know which Cell has what information?

"Richard Mueller" wrote:

A Slater wrote:

I found this script on the internet to import users from an excel spreadsheet, and using LDAP, create accounts in AD. The script works fine if all the cells in the spreadsheet contain some type of data. However, in the spreadsheet that I need to use, there are a lot of blank fields. I realize that the problem lies with the line;

```
Do Until objExcel.Cells(intRow,1).Value = ""
```

but I don't know how to modify it enough to allow the script to pass over blank cells and not stop. I've tried adding a ~ as the value for the above line and made that the last entry in the excel spreadsheet, but to no avail.

Any help would be greatly appreciated.

Andy

```
Option Explicit
Dim objRootLDAP, objContainer, objUser, objShell
Dim objExcel, objSpread, intRow
Dim strUser, strOU, strSheet
Dim strCN, strSam, strFirst, strInit, strLast, strDisp, strPWD, strUPN,
strMail, strDesc
```

```
strOU = "OU=ANDYTEST ,"
strSheet = "C:\ADImport.xls"
```

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```
Set objRootLDAP = GetObject("LDAP://rootDSE)  
Set objContainer = GetObject("LDAP:// & strOU &  
objRootLDAP.Get("defaultNamingContext"))
```

```
Set objExcel = CreateObject("Excel.Application")  
Set objSpread = objExcel.Workbooks.Open(strSheet)  
intRow = 3
```

```
Do Until objExcel.Cells(intRow,1).Value = ""  
strSam = Trim(objExcel.Cells(intRow, 1).Value)  
strCN = Trim(objExcel.Cells(intRow, 2).Value)  
strFirst = Trim(objExcel.Cells(intRow, 3).Value)  
strInit = Trim(objExcel.Cells(intRow, 4).Value)  
strLast = Trim(objExcel.Cells(intRow, 5).Value)  
strDisp = Trim(objExcel.Cells(intRow, 6).Value)  
strUPN = Trim(objExcel.Cells(intRow, 7).Value)  
strPWD = Trim(objExcel.Cells(intRow, 8).Value)  
strDesc = Trim(objExcel.Cells(intRow, 9).Value)  
strMail = Trim(objExcel.Cells(intRow, 10).Value)
```

```
Set objUser = objContainer.Create("User", "cn=" & strCN)  
objUser.sAMAccountName = strSam  
objUser.givenName = strFirst  
objUser.initials = strInit  
objUser.sn = strLast  
objUser.displayName = strDisp  
objUser.userPrincipalName = strUPN  
objUser.description = strDesc  
objUser.mail = strMail  
objUser.SetInfo
```

```
objUser.userAccountControl = 512
```

```
objUser.pwdLastSet = 0  
objUser.SetPassword strPWD  
objUser.SetInfo
```

```
intRow = intRow + 1  
Loop  
objExcel.Quit
```

```
WScript.Quit
```

Hi,

The program needs to know when it has read the last row of the spreadsheet, or it will never stop. Generally, at least one column is required (never blank). This doesn't have to be the first column. In the above, where you

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are creating users, the value for sAMAccountName in the first column is a mandatory attribute, so it cannot be blank. The first row encountered with a blank value for sAMAccountName can be assumed to be at the end. The only other required column is the second, for cn. The statement:

```
Do Until objExcel.Cells(intRow,1).Value = ""
```

is fine in this case. If a column can be blank, you should test for this. You cannot assign a blank string to the attribute. If the column is blank, you should not assign any value. You could use code similar to this:

```
If (strFirst <> "") Then  
objUser.givenName = strFirst  
End If
```

Do this for every column that can be missing. For example, if the password can be missing, use:

```
If (strPwd <> "") Then  
objUser.SetPassword strPwd  
End If
```

Finally, it is recommended that you not assign values directly to userAccountControl. It is recommended that you turn individual bits of the attribute on or off using bit masks and the Or or Xor operators. In this case, 512 is the value assigned by the system to normal user accounts when they are created. The following statement can be omitted:

```
objUser.userAccountControl = 512
```

—

Richard
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