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Ⓖ **Windows classic samples** Add the Windows 7 samples   8f31b1f · 8 years ago   🕓 History

Code | Blame   356 lines (274 loc) · 10.3 KB   Raw 📋 ⬇ <>

```vbnet
 1   '*************************************************************
 2   'Microsoft Confidential. © 2002-2003 Microsoft Corporation. All rights reserved.
 3   '
 4   ' This file may contain preliminary information or inaccuracies,
 5   ' and may not correctly represent any associated Microsoft
 6   ' Product as commercially released. All Materials are provided entirely
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 9   ' WARRANTIES, AND ASSUMES NO LIABILITY TO YOU FOR ANY DAMAGES OF
10   ' ANY TYPE IN CONNECTION WITH THESE MATERIALS OR ANY INTELLECTUAL PROPERTY IN THEM.
11   '*************************************************************
12
13   Option Explicit
14
15   Wscript.Echo ""
16   Wscript.Echo "REGISTER_APP.VBS version 1.6 for Windows Server 2008"
17   Wscript.Echo "Copyright (C) Microsoft Corporation 2002-2003. All rights reserved."
18   Wscript.Echo ""
19
20
21   '*************************************************************
22   ' Parse command line arguments
23   '*************************************************************
24   Dim Args
25   Set Args = Wscript.Arguments
26   If Args.Count < 1 Then
27       PrintsUsage
28   End If
29
30   Dim ProviderName, ProviderDLL, ProviderDescription
31   If Args.Item(0) = "-register" Then
32       If Args.Count <> 4 Then PrintsUsage
33
34       ProviderName = Args.Item(1)
35       ProviderDLL = Args.Item(2)
36       ProviderDescription = Args.Item(3)
37
38       UninstallProvider
39       InstallProvider
40       Wscript.Quit 0
41   End If
42
43   If Args.Item(0) = "-unregister" Then
44       If Not Args.Count = 2 Then PrintsUsage
45       ProviderName = Args.Item(1)
46       UninstallProvider
47       Wscript.Quit 0
48   End If
49
50   ' Wrong options?
51   PrintsUsage
52
53   Wscript.Quit 0
54
55   '*************************************************************
56   ' Prints the usage
```

```vbs
56          Prints the usage
57    '**************************************************************************
58    Sub PrintsUsage
59
60        Wscript.Echo "Usage:"
61        Wscript.Echo ""
62        Wscript.Echo " 1) Registering a VSS/VDS Provider as a COM+ application:"
63        Wscript.Echo "      CScript.exe " & Wscript.ScriptName & " -register <Provider_Name
64        Wscript.Echo ""
65        Wscript.Echo " 2) Unregistering a COM+ application associated with a VSS/VDS provid
66        Wscript.Echo "      CScript.exe " & Wscript.ScriptName & " -unregister <Provider_Na
67        Wscript.Echo ""
68        Wscript.Quit 1
69
70    End Sub
71
72
73    '**************************************************************************
74    ' Installs the Provider
75    '**************************************************************************
76    Sub InstallProvider
77        On Error Resume Next
78
79        Wscript.Echo "Creating a new COM+ application:"
80
81        Wscript.Echo "- Creating the catalog object "
82        Dim cat
83        Set cat = CreateObject("COMAdmin.COMAdminCatalog")
84        CheckError 101
85
86        wscript.echo "- Get the Applications collection"
87        Dim collApps
88        Set collApps = cat.GetCollection("Applications")
89        CheckCollectionError 102, cat
90
91        Wscript.Echo "- Populate..."
92        collApps.Populate
93        CheckCollectionError 103, collApps
94
95        Wscript.Echo "- Add new application object"
96        Dim app
97        Set app = collApps.Add
98        CheckCollectionError 104, collApps
99
100       Wscript.Echo "- Set app name = " & ProviderName & " "
101       app.Value("Name") = ProviderName
102       CheckObjectError 105, collApps, app
103
104       Wscript.Echo "- Set app description = " & ProviderDescription & " "
105       app.Value("Description") = ProviderDescription
106       CheckObjectError 106, collApps, app
107
108       ' Only roles added below are allowed to call in.
109       Wscript.Echo "- Set app access check = true "
110       app.Value("ApplicationAccessChecksEnabled") = 1
111       CheckObjectError 107, collApps, app
112
113       ' Encrypting communication
114       Wscript.Echo "- Set encrypted COM communication = true "
115       app.Value("Authentication") = 6
116       CheckObjectError 108, collApps, app
117
118       ' Secure references
```

```vbscript
282      End Sub
283
284
285
286      '****************************************************************************
287      ' Sub CheckError
288      '****************************************************************************
289      Sub CheckError(exitCode)
290          If Err = 0 Then Exit Sub
291          DumpVBScriptError exitCode
292
293          Wscript.Quit exitCode
294      End Sub
295
296
297      '****************************************************************************
298      ' Sub CheckCollectionError
299      '****************************************************************************
300      Sub CheckCollectionError(exitCode, coll)
301          If Err = 0 Then Exit Sub
302          DumpVBScriptError exitCode
303
304          DumpComPlusError(coll.GetCollection("ErrorInfo"))
305
306          Wscript.Quit exitCode
307      End Sub
308
309
310      '****************************************************************************
311      ' Sub CheckObjectError
312      '****************************************************************************
313      Sub CheckObjectError(exitCode, coll, object)
314          If Err = 0 Then Exit Sub
315          DumpVBScriptError exitCode
316
317          ' DumpComPlusError(coll.GetCollection("ErrorInfo", object.Key))
318          DumpComPlusError(coll.GetCollection("ErrorInfo"))
319
320          Wscript.Quit exitCode
321      End Sub
322
323
324
325      '****************************************************************************
326      ' Sub DumpVBScriptError
327      '****************************************************************************
328      Sub DumpVBScriptError(exitCode)
329          WScript.Echo vbNewLine & "ERROR:"
330          WScript.Echo "- Error code: " & Err & " [0x" & Hex(Err) & "]"
331          WScript.Echo "- Exit code: " & exitCode
332          WScript.Echo "- Description: " & Err.Description
333          WScript.Echo "- Source: " & Err.Source
334          WScript.Echo "- Help file: " & Err.Helpfile
335          WScript.Echo "- Help context: " & Err.HelpContext
336      End Sub
337
338
339      '****************************************************************************
340      ' Sub DumpComPlusError
341      '****************************************************************************
342      Sub DumpComPlusError(errors)
343          errors.Populate
344          WScript.Echo "- COM+ Errors detected: (" & errors.Count & ")"
345
346          Dim error
347          Dim I
348          For I = 0 to errors.Count - 1
349          Set error = errors.Item(I)
350              WScript.Echo "   * (COM+ ERROR " & I & ") on " & error.Value("Name")
351              WScript.Echo "       ErrorCode: " & error.Value("ErrorCode") & " [0x" & Hex(err
352              WScript.Echo "       MajorRef: " & error.Value("MajorRef")
353              WScript.Echo "       MinorRef: " & error.Value("MinorRef")
354          Next
```

```
355    End Sub
```