ASP201
ASP

```
/**
 * @name
 * @email cybaek@netsgo.com
 * @homepage http://cybaek.com/
 */
```

WSC를 이용한 ASP

Visual Basic   Visual C++

. Microsoft
Windows Script Component (, WSC)   .

WSC   XML   ,   VBScript   JScript
ASP   .
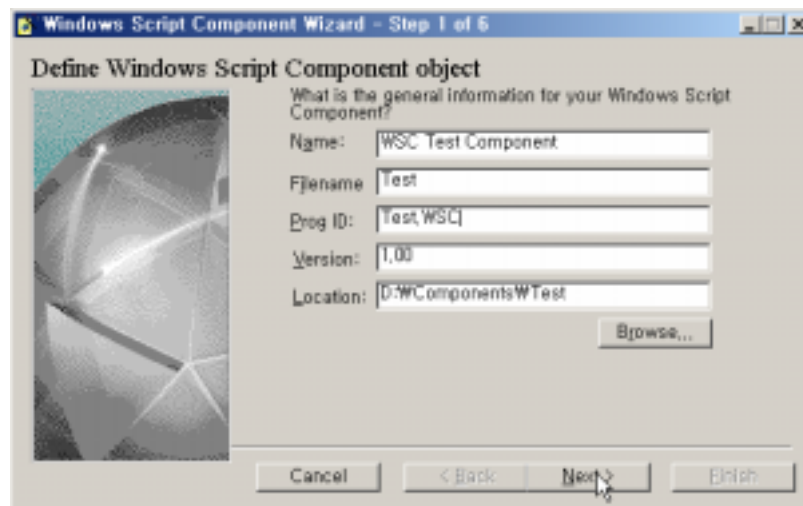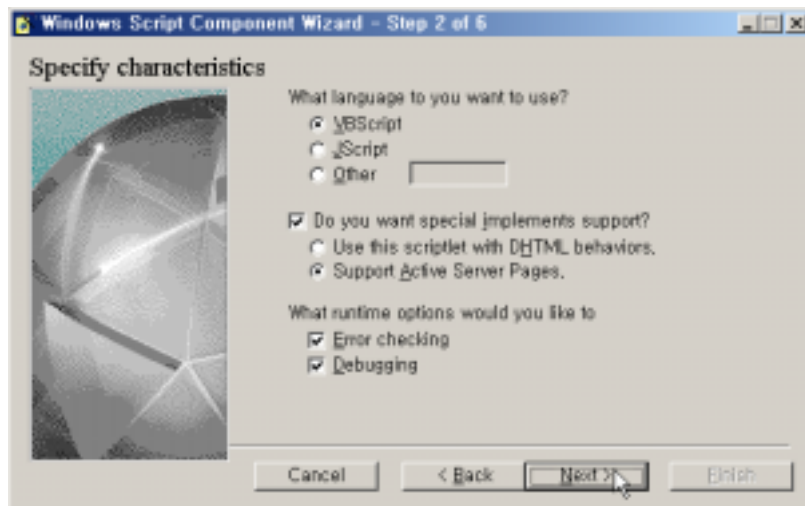

❏ WSC   .

Microsoft Windows Script 5.6   Microsoft Script Component
Wizard   .

> http://msdn.microsoft.com/library/default.asp?url=/downloads/
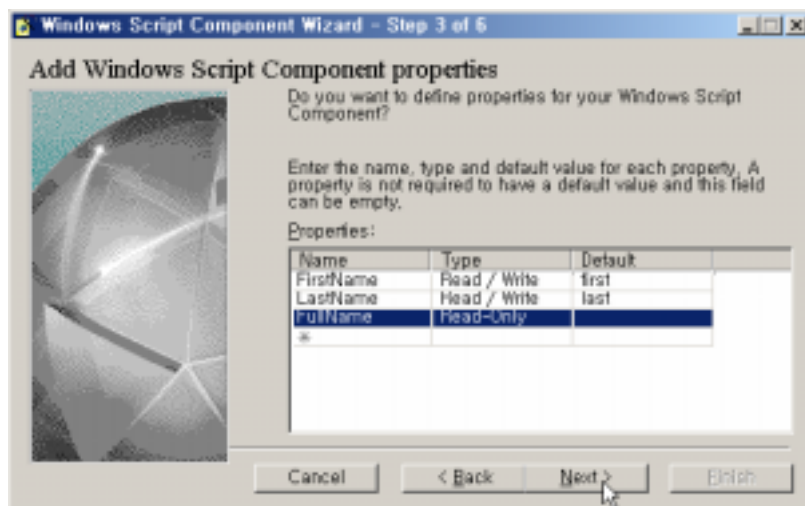> list/webdev.asp

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WSC

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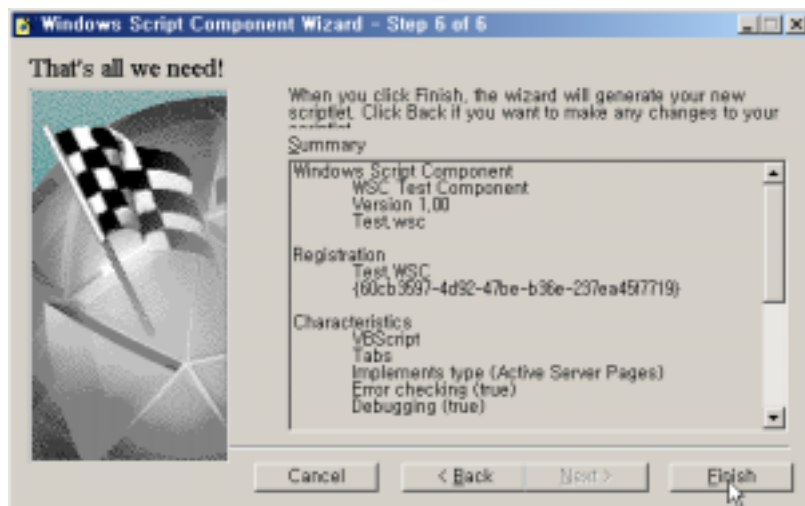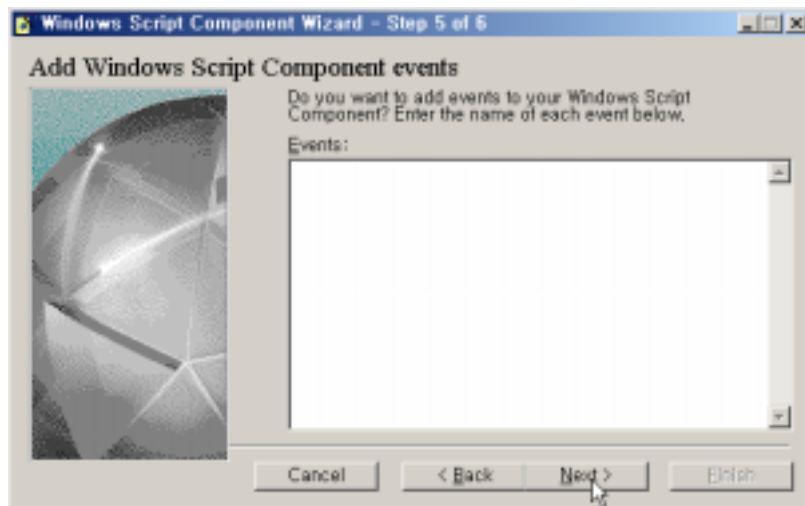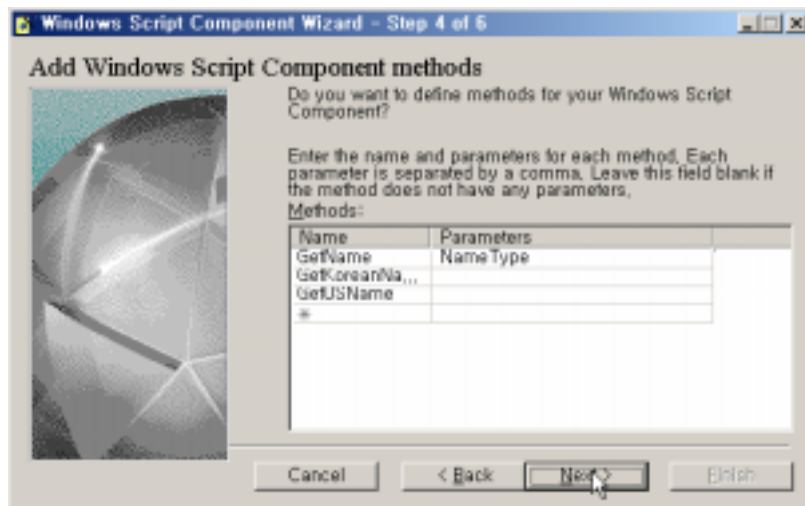"Support Active Server Pages"   "Error Checking", "Debugging"   .

FirstName, LastName, FullName   . FullName   Type
Read-Only   Read／Write   Default
"first", "last"   .

GetName, GetKoreanName, GetUSName
GetName   NameType   .

.

```
Test.WSC

<?xml version="1.0"?>
```

```
<component>

<?component error="true" debug="true"?>

<registration
      description="WSC Test Component"
      progid="Test.WSC"
      version="1.00"
      classid="{60cb3597-4d92-47be-b36e-237ea45f7719}"
>
</registration>

<public>
      <property name="FirstName">
            <get/>
            <put/>
      </property>
      <property name="LastName">
            <get/>
            <put/>
      </property>
      <property name="FullName">
            <get/>
      </property>
      <method name="GetName">
            <PARAMETER name="type"/>
      </method>
      <method name="GetKoreanName">
      </method>
      <method name="GetUSName">
      </method>
</public>

<implements type="ASP" id="ASP"/>

<script language="VBScript">
<![CDATA[

dim FirstName
FirstName = "first"
dim LastName
LastName = "last"
dim FullName

function get_FirstName()
      get_FirstName = FirstName
end function

function put_FirstName(newValue)
      FirstName = newValue
end function

function get_LastName()
      get_LastName = LastName
end function

function put_LastName(newValue)
      LastName = newValue
```

```
end function

function get_FullName()
      get_FullName = FullName
end function

function GetName(NameType)
      GetName = "Temporary Value"
end function

function GetKoreanName()
      GetKoreanName = "Temporary Value"
end function

function GetUSName()
      GetUSName = "Temporary Value"
end function

]]>
</script>

</component>
```
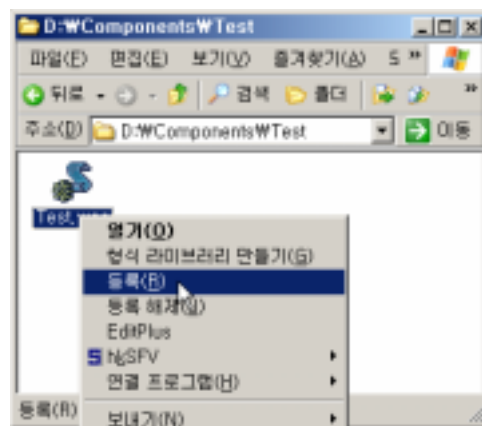
d:\Components\Test   ,

.

Test.WSC   .

.

```
...

function get_FullName()
      get_FullName = LastName & " " & FirstName
end function

function GetName(NameType)
      If NameType = "KO" Then
            GetName = GetKoreanName()
```

```
      ElseIf NameType = "EN" Then
            GetName = GetUSName()
      Else
            GetName = ""
      End If
end function

function GetKoreanName()
      GetKoreanName = LastName & ", " & FirstName
end function

function GetUSName()
      GetUSName = FirstName & " " & LastName
end function

...
```

	WSC .

: WSC   ASP

```
wsc.1.asp

<%
Option Explicit

Dim hello

Set hello = Server.CreateObject("Test.WSC")

hello.FirstName = "CHANG YOL"
hello.LastName = "BAEK"

Response.Write hello.GetKoreanName()
Response.Write "<br>"
Response.Write hello.GetUSName()
Response.Write "<br>"
Response.Write hello.GetName("KO")
Response.Write "<br>"
Response.Write hello.FullName

Set hello = Nothing
%>
```

```
BAEK, CHANG YOL
CHANG YOL BAEK
BAEK, CHANG YOL
BAEK CHANG YOL
```
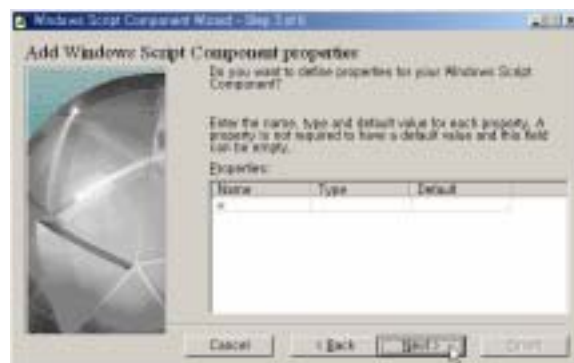
: ASP.Utils

❑   WSC   ProgID   ASP.Utils   .

❑ CStr2   .

     Function CStr2(value)   (Signature)   .

                                  .

     Chr(0)   .

❑ Q   .

     Function Q(value)   .

                                       .

❑ CInputValue   .

     Function CInputValue(value)   .

                   &   &   .

                        "   .

❑ CTextareaValue   .

     Function CTextareaValue(value)   .

                    </textarea   </textarea   .

❑   : 30

    :

:

```xml
<?xml version="1.0"?>
<component>

<registration
      description="ASP.Utils"
      progid="ASP.Utils"
      version="1.00"
      classid="{44a51f12-ab35-4c5e-bdcb-c84b856449d0}"
>
</registration>
```
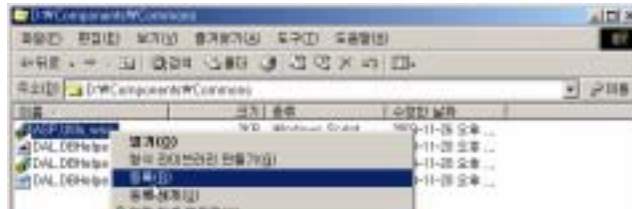
.

.

```xml
<registration
      description="ASP.Utils"
      progid="ASP.Utils"
      version="1.00"
      classid="{44a51f12-ab35-4c5e-bdcb-c84b856449d0}"
>
<script language="VBScript">
<![CDATA[
Function register()
      Dim tl
      Set tl = CreateObject("Scriptlet.TypeLib")
      tl.AddURL "ASP.Utils.wsc"
      tl.Path = "ASP.Utils.tlb"
      tl.GUID = "{44a51f12-ab35-4c5e-bdcb-c84b856449d1}"
      tl.Doc = "ASP Helper Class"
      tl.Name = "ASP.Utils"
      tl.MajorVersion = 1
      tl.MinorVersion = 0
      tl.Write
      tl.Reset
      Set tl = Nothing

      Dim fso
      Set fso = CreateObject("Scripting.FileSystemObject")
      fso.CopyFile "ASP.Utils.wsc", "ASP.Utils.wsc.xml"
      Set fso = Nothing
End Function
]]>
</script>
```

```
</registration>
```

,   .

, **ASP.Utils.tlb, ASP.Utils.wsc.xml**
.

1 .

```
ASP.Utils.wsc

<?xml version="1.0"?>
<component>

<registration
      description="ASP.Utils"
      progid="ASP.Utils"
      version="1.00"
      classid="{44a51f12-ab35-4c5e-bdcb-c84b856449d0}"
>
<script language="VBScript">
<![CDATA[
Function register()
      Dim tl
      Set tl = CreateObject("Scriptlet.TypeLib")
      tl.AddURL "ASP.Utils.wsc"
      tl.Path = "ASP.Utils.tlb"
      tl.GUID = "{44a51f12-ab35-4c5e-bdcb-c84b856449d1}"
      tl.Doc = "ASP Helper Class"
      tl.Name = "ASP.Utils"
      tl.MajorVersion = 1
      tl.MinorVersion = 0
      tl.Write
      tl.Reset
      Set tl = Nothing

      Dim fso
      Set fso = CreateObject("Scripting.FileSystemObject")
      fso.CopyFile "ASP.Utils.wsc", "ASP.Utils.wsc.xml"
      Set fso = Nothing
End Function
]]>
</script>
</registration>

<public>
      <method name="CStr2">
            <PARAMETER name="value"/>
```

```
        </method>
        <method name="Q">
              <PARAMETER name="value"/>
        </method>
        <method name="CInputValue">
              <PARAMETER name="value"/>
        </method>
        <method name="CTextareaValue">
              <PARAMETER name="value"/>
        </method>
</public>

<implements type="ASP" id="ASP"/>

<script language="VBScript">
<![CDATA[

function CStr2(value)
      CStr2 = "Temporary Value"
end function

function Q(value)
      Q = "Temporary Value"
end function

function CInputValue(value)
      CInputValue = "Temporary Value"
end function

function CTextareaValue(value)
      CTextareaValue = "Temporary Value"
end function

]]>
</script>

</component>
```

: CStr2()

```
function CStr2(value)
      CStr2 = Replace(CStr(value & ""), Chr(0), "")
end function
```

: ASP.Utils

<script>   .

```
<script language="VBScript">
<![CDATA[

function CStr2(value)
      CStr2 = Replace(CStr(value & ""), Chr(0), "")
end function

function Q(value)
      Q = Replace(CStr2(value), "'", "''")
end function
```

```
function CInputValue(value)
      CInputValue = Replace(Replace(CStr2(value), "&", "&amp;"), """", "&quot;")
end function

function CTextareaValue(value)
      CTextareaValue = Replace(CStr2(value), "</textarea", "&lt;/textarea")
end function

]]>
</script>
```

```
asputils.1.asp

<%
Response.ContentType = "text/plain"

Dim Utils

Set Utils = Server.CreateObject("ASP.Utils")

Response.Write Utils.CStr2(123) & vbCrLf
Response.Write Utils.Q("abc'def") & vbCrLf
Response.Write Utils.CInputValue("value&""...") & vbCrLf
Response.Write Utils.CTextareaValue("...</textarea>..") & vbCrLf

Set Utils = Nothing
%>
```