

<%

```
REM File: iTransact.asp
REM Date created: 5/30/2009
REM Original Author: Dave Peru
REM Website: http://www.bphobbies.com
REM Copyright (c) 2009 BP Hobbies LLC
REM Version: 1.0
REM Contact: dave@dperu.com
REM Warning: This file contains sample code only, USE AT YOUR OWN RISK!
REM Indemnify: By using this source code you agree to no indemnification.
REM Note: Permission given to use this script in ANY kind of application if header
lines are left unchanged.
```

```
' Function: iTransactSale
'
' Description:          Used for doing an iTransact credit card sale transaction.
'
' Inputs:
'
'   strVendorId
'   strVendorPassword
'   strHomePage
'   strCCNum
'   strCCMo
'   strCCYr
'   strCVV2Number
'   strCost
'
' Outputs:
'
'   strStatus
'   strErrorCategory
'   strErrorMessage
'   strAuthCode
'   strAVSCategory
'   strAVSResponse
'   strCVV2Response
'   strXID
```

```
Function iTransactSale( _
    strVendorId, _
    strVendorPassword, _
    strHomePage, _
    strCCNum, _
    strCCMo, _
    strCCYr, _
    strCVV2Number, _
    strCost, _
    strBillingAddress, _
    strBillingZip, _
    strStatus, _
    strErrorCategory, _
    strErrorMessage, _
    strAuthCode, _
    strAVSCategory, _
    strAVSResponse, _
    strCVV2Response, _
    strXID)

    Dim sa(500)
    Dim sx
```

```

Dim strRet
strRet = stringArrayAdd(sa, sx, "<?xml version=""1.0""?>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "<Sal eRequest>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "    <CustomerData>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <Email>. </Email>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <BillingAddress>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "            <Address1>")
If Trim(strBillingAddress) = "" Then
    strBillingAddress = ". "
End If
strRet = stringArrayAdd(sa, sx, strBillingAddress)
strRet = stringArrayAdd(sa, sx, "</Address1>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "            <FirstName>. </FirstName>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "            <LastName>. </LastName>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "            <City>. </City>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "            <State>. </State>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "            <Zip>")
If Trim(strBillingZIP) = "" Then
    strBillingZIP = ". "
End If
strRet = stringArrayAdd(sa, sx, strBillingZIP)
strRet = stringArrayAdd(sa, sx, "</Zip>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "            <Country>USA</Country>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "            <Phone>. </Phone>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        </BillingAddress>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <AccountInfo>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "            <CardInfo>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "                <CCNum>")
strRet = stringArrayAdd(sa, sx, strCCNum)
strRet = stringArrayAdd(sa, sx, "</CCNum>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "                <CCMo>")
strRet = stringArrayAdd(sa, sx, strCCMo)
strRet = stringArrayAdd(sa, sx, "</CCMo>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "                <CCYr>")
strRet = stringArrayAdd(sa, sx, strCCYr)
strRet = stringArrayAdd(sa, sx, "</CCYr>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

```

```

strRet = stringArrayAdd(sa, sx, "                <CVV2Number>")
strRet = stringArrayAdd(sa, sx, strCVV2Number)
strRet = stringArrayAdd(sa, sx, "</CVV2Number>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "            </CardInfo>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        </AccountInfo>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "    </CustomerData>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, " <TransactionData>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    <VendorId>")
strRet = stringArrayAdd(sa, sx, strVendorId)
strRet = stringArrayAdd(sa, sx, "</VendorId>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    <VendorPassword>")
strRet = stringArrayAdd(sa, sx, strVendorPassword)
strRet = stringArrayAdd(sa, sx, "</VendorPassword>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    <HomePage>")
strRet = stringArrayAdd(sa, sx, strHomePage)
strRet = stringArrayAdd(sa, sx, "</HomePage>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    <EmailText>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <EmailTextItem>. </EmailTextItem>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "    </EmailText>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "    <OrderItems>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <Item>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "            <Description>Total </Description>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "                <Cost>")
Dim strAmount
strAmount = Replace(FormatPrice(strCost), "$", "") ' Handle case when
cost is "1.2".
strRet = stringArrayAdd(sa, sx, strAmount)
strRet = stringArrayAdd(sa, sx, "</Cost>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "                <Qty>1</Qty>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "            </Item>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        </OrderItems>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "    </TransactionData>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "</SaleRequest>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

Dim strBody
strBody = stringArrayJoin(sa)

Dim htobj

```

```

Set htobj = Server.Createobject("MSXML2.XMLHTTP")
htobj.Open "POST",
"https://secure.paymentclearing.com/cgi-bin/rc/xmltrans.cgi", false
htobj.setRequestHeader "Content-Type", "Text/XML"
htobj.Send strBody

Dim strResponse
Dim strError
strResponse = htobj.ResponseText
strError = Err.Description

Set htobj = Nothing

If strError <> "" Then
    iTransactSale = strError
Exit Function
End If

strAuthResponseCode = ""
strApprovalCode = ""
strAVSResponseCode = ""
strCVV2ResponseCode = ""
strRecordNumber = ""

strStatus = getTagValueFromXML(strResponse, "<Status>", "</Status>")
strErrorCategory = getTagValueFromXML(strResponse, "<ErrorCategory>",
"</ErrorCategory>")
strErrorMessage = getTagValueFromXML(strResponse, "<ErrorMessage>",
"</ErrorMessage>")
strAuthCode = getTagValueFromXML(strResponse, "<AuthCode>", "</AuthCode>")
strAVSCategory = getTagValueFromXML(strResponse, "<AVSCategory>",
"</AVSCategory>")
strAVSResponseCode = getTagValueFromXML(strResponse, "<AVSResponse>",
"</AVSResponse>")
strCVV2Response = getTagValueFromXML(strResponse, "<CVV2Response>",
"</CVV2Response>")
strXID = getTagValueFromXML(strResponse, "<XID>", "</XID>")

iTransactSale = ""

```

End Function

```

' Function: iTransactVoid
'
' Description:      Used for doing to void an existing XID transaction.
'
' Inputs:
'
' strVendorId
' strVendorPassword
' strHomePage
' strXID
'
' XID of transaction to
void.
'
' Outputs:
'
' strStatus
' strErrorCategory
' strErrorMessage
' strNewXID
'
' New XID for the void transaction.

```

```

Function iTransactVoid( _
    strVendorId, _

```

```

strVendorPassword, _
strHomePage, _
strXID, _
strStatus, _
strErrorCategory, _
strErrorMessage, _
strNewXID)

Dim sa(500)
Dim sx

Dim strRet
strRet = stringArrayAdd(sa, sx, "<?xml version=""1.0""?>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "<GatewayInterface>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "    <VendorIdentification>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    <VendorId>")
strRet = stringArrayAdd(sa, sx, strVendorId)
strRet = stringArrayAdd(sa, sx, "</VendorId>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    <VendorPassword>")
strRet = stringArrayAdd(sa, sx, strVendorPassword)
strRet = stringArrayAdd(sa, sx, "</VendorPassword>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    <HomePage>")
strRet = stringArrayAdd(sa, sx, strHomePage)
strRet = stringArrayAdd(sa, sx, "</HomePage>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    </VendorIdentification>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "    <VoidTransaction>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "                <OperationXID>")
strRet = stringArrayAdd(sa, sx, strXID)
strRet = stringArrayAdd(sa, sx, "</OperationXID>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    </VoidTransaction>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "</GatewayInterface>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

Dim strBody
strBody = stringArrayJoin(sa)

```

' Note: "xml trans2. cgi" is used instead of "xml trans. cgi"

```

Dim htobj
Set htobj = Server.Createobject("MSXML2.XMLHTTP")
htobj.Open "POST",
"https://secure.paymentclearing.com/cgi-bin/rc/xml trans2. cgi", false
htobj.setRequestHeader "Content-Type", "Text/XML"
htobj.Send strBody

Dim strResponse
Dim strError
strResponse = htobj.ResponseText
strError = Err.Description

```

```

Set htobj = Nothing
If strError <> "" Then
    iTransactVoid = strError
    Exit Function
End If

strAuthResponseCode = ""
strApprovalCode = ""
strAVSResponseCode = ""
strCVV2ResponseCode = ""
strRecordNumber = ""

strStatus = getTagValueFromXML(strResponse, "<Status>", "</Status>")
strErrorCategory = getTagValueFromXML(strResponse, "<ErrorCategory>",
"</ErrorCategory>")
strErrorMessage = getTagValueFromXML(strResponse, "<ErrorMessage>",
"</ErrorMessage>")
strNewXID = getTagValueFromXML(strResponse, "<XID>", "</XID>")

iTransactVoid = ""

End Function

```

```

' -----
' Function: iTransactCredit
'
' Description:      Used for doing an iTransact credit card sale transaction.
'
' Inputs:
'
' strVendorId
' strVendorPassword
' strHomePage
' strAccountNumber
' strExpirationMonth
' strExpirationYear
' strTotal
'
' Outputs:
'
' strStatus
' strErrorCategory
' strErrorMessage
' strXID

```

```

Function iTransactCredit( _
    strVendorId, _
    strVendorPassword, _
    strHomePage, _
    strAccountNumber, _
    strExpirationMonth, _
    strExpirationYear, _
    strTotal, _
    strStatus, _
    strErrorCategory, _
    strErrorMessage, _
    strXID)

    Dim sa(500)
    Dim sx

    strRet = stringArrayAdd(sa, sx, "<?xml version=""1.0""?>")

```

```

strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "<GatewayInterface>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "  <VendorIdentification>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    <VendorId>")
strRet = stringArrayAdd(sa, sx, strVendorId)
strRet = stringArrayAdd(sa, sx, "</VendorId>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    <VendorPassword>")
strRet = stringArrayAdd(sa, sx, strVendorPassword)
strRet = stringArrayAdd(sa, sx, "</VendorPassword>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    <HomePage>")
strRet = stringArrayAdd(sa, sx, strHomePage)
strRet = stringArrayAdd(sa, sx, "</HomePage>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "  </VendorIdentification>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "  <CreditTransaction>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    <Total >")
Dim strAmount
strAmount = Replace(FormatPrice(strTotal), "$", "") ' Handle case when
cost is "1.2".
strRet = stringArrayAdd(sa, sx, strAmount)
strRet = stringArrayAdd(sa, sx, "</Total >")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "    <CustomerData>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "      <Email>. </Email>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "      <CustomerId>12345</CustomerId>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "      <BillingAddress>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <Address1>. </Address1>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <FirstName>. </FirstName>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <LastName>. </LastName>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <City>. </City>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <State>. </State>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <Zip>. </Zip>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <Country>USA</Country>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <Phone>. </Phone>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "      </BillingAddress>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "      <ShippingAddress>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "        <Address1>. </Address1>")

```

)

```
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "<FirstName>.</FirstName>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "<LastName>.</LastName>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "<City>.</City>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "<State>.</State>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "<Zip>.</Zip>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "<Country>USA</Country>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "<Phone>.</Phone>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "</ShippingAddress>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "</CustomerData>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "<AccountInfo>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "<CardAccount>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "<AccountNumber>")
strRet = stringArrayAdd(sa, sx, strAccountNumber)
strRet = stringArrayAdd(sa, sx, "</AccountNumber>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "<ExpirationMonth>")
strRet = stringArrayAdd(sa, sx, strExpirationMonth)
strRet = stringArrayAdd(sa, sx, "</ExpirationMonth>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "<ExpirationYear>")
strRet = stringArrayAdd(sa, sx, strExpirationYear)
strRet = stringArrayAdd(sa, sx, "</ExpirationYear>")
strRet = stringArrayAdd(sa, sx, vbCrLf)

strRet = stringArrayAdd(sa, sx, "</CardAccount>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "</AccountInfo>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "</CreditTransaction>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
strRet = stringArrayAdd(sa, sx, "</GatewayInterface>")
strRet = stringArrayAdd(sa, sx, vbCrLf)
```

```
Dim strBody
strBody = stringArrayJoin(sa)
```

' Note: "xml trans2.cgi" is used instead of "xml trans.cgi"

```
Dim htobj
Set htobj = Server.CreateObject("MSXML2.XMLHTTP")
htobj.Open "POST",
"https://secure.paymentclearing.com/cgi-bin/rc/xmltrans2.cgi", False
htobj.setRequestHeader "Content-Type", "Text/XML"
htobj.Send strBody
```

```
Dim strResponse
Dim strError
strResponse = htobj.ResponseText
strError = Err.Description
```

```

Set htobj = Nothing
If strError <> "" Then
    iTransactCredit = strError
Exit Function
End If

strStatus = getTagValueFromXML(strResponse, "<Status>", "</Status>")
strErrorCategory = getTagValueFromXML(strResponse, "<ErrorCategory>",
"</ErrorCategory>")
strErrorMessage = getTagValueFromXML(strResponse, "<ErrorMessage>",
"</ErrorMessage>")
strXID = getTagValueFromXML(strResponse, "<XID>", "</XID>")

iTransactCredit = ""

End Function

```

```

-----
Function stringArrayAdd(stringArrayBuffer, stringArrayIndex, str)
    Dim strTemp
    strTemp = "" & stringArrayIndex
    If strTemp = "" Then
        stringArrayIndex = 0
    End If
    stringArrayBuffer(stringArrayIndex) = str
    stringArrayIndex = stringArrayIndex + 1
    stringArrayAdd = ""
End Function

```

```

-----
Function stringArrayClear(stringArrayBuffer, stringArrayIndex)
    strTemp = "" & stringArrayIndex
    If strTemp = "" Then
        stringArrayIndex = 0
    Else
        Dim ix
        For ix = 0 To (stringArrayIndex-1)
            stringArrayBuffer(ix) = ""
        Next
        stringArrayIndex = 0
    End If
    stringArrayClear = ""
End Function

```

```

-----
Function stringArrayJoin(stringArrayBuffer)
    stringArrayJoin = Join(stringArrayBuffer, "")
End Function

```

```

-----
Function stringArrayJoinWithCommas(stringArrayBuffer)
    stringArrayJoinWithCommas = Join(stringArrayBuffer, ",")
End Function

```

```

-----
Function stringArrayGetCount(stringArrayBuffer, stringArrayIndex)
    Dim strTemp
    strTemp = "" & stringArrayIndex

```

```

    If strTemp = "" Then
        stringArrayIndex = 0
    End If
    stringArrayGetCount = stringArrayIndex
End Function

```

```

-----
Function FormatPrice(strValue)
    strValue = "" & strValue
    Dim strResult
    If strValue = "" Then          ' Check for empty string
        strResult = "$0.00"
        FormatPrice = strResult
        Exit Function
    End If
    strResult = ""
    Dim nValue
    On Error Resume Next
    nValue = 0 + strValue
    If Err.Number <> 0 Then
        FormatPrice = "ERROR"
        Exit Function
    End If
    If nValue = 0 Then            ' Check for zero value
        strResult = "$0.00"
        FormatPrice = strResult
        Exit Function
    End If
    Dim nValue2                  ' Used in negative value checks
    nValue2 = nValue * -1

    ' Check for very small positive amount, correct problems with floats
    If nValue < 0.001 And nValue > 0 Then
        strResult = "$0.00"
        FormatPrice = strResult
        Exit Function
    End If

    ' Check for very small negative amount, correct problems with floats
    If nValue < 0 And nValue2 < 0.001 Then
        strResult = "$0.00"
        FormatPrice = strResult
        Exit Function
    End If

    ' Check for value 0.01 to 0.99 values:
    If nValue < 1 And nValue > 0 Then
        nValue = CInt(nValue * 100)
        strResult = "$0." & nValue
        FormatPrice = strResult
        Exit Function
    End If

    ' Check for value -0.01 to -0.99 values:
    If nValue < 0 And nValue2 < 1 Then
        nValue2 = CInt(nValue2 * 100)
        strResult = "$-0." & nValue2
        FormatPrice = strResult
        Exit Function
    End If

```

```
' Large positive or negative number:  
,  
strResult = "$" & FormatNumber(strValue, 2)  
FormatPrice = strResult
```

```
End Function
```

```
' -----
```

```
Function getTagValueFromXML(strXML, strTagBegin, strTagEnd)  
    ix1 = InStr(strXML, strTagBegin)  
    ix2 = InStr(strXML, strTagEnd)  
    If ix1 = 0 Then  
        strResult = ""  
    Else  
        ix3 = ix1 + Len(strTagBegin)  
        strResult = Mid(strXML, ix3, ix2-ix3)  
    End If  
    getTagValueFromXML = strResult  
End Function
```

```
End Function
```

```
' -----
```

```
%>
```