



## 2sms Visual Basic XML Tech Guide

### About 2sms

2sms allows business customers to send text messages from your computer to cell phones anywhere in the world. We help customers improve operations, demonstrate duty of care, and react more responsively to customers.

Text messaging reaches more people than email and faster than calling.

- ✓ To learn more - [www.2sms.com](http://www.2sms.com)
- ✓ Want a No cost No obligation trial account? – [www.2sms.com/register.aspx](http://www.2sms.com/register.aspx)
- ✓ For technical information - [www.2sms.com/software.aspx](http://www.2sms.com/software.aspx)



For Help, call 2sms on 877-276-7266 (USA), 0800 65 222 77 (UK) or +44 1234 757 800 (Rest of World) or email [support@2sms.com](mailto:support@2sms.com). Support is available 24/7.

### Using Visual Basic to Send a Text Message

If you wish to send a single message to a single cell phone, use the following Visual Basic code to form up your XML.

Public Function SendMessage(username As String, password As String, destination As String, message As String)

Dim xmlstring As String

```
xmlstring = "<?xml version=" & Chr(34) & "1.0" & Chr(34) & "?>" & _
"<Request xmlns:xsi=" & Chr(34) & "http://www.w3.org/2001/XMLSchema-instance" & _
Chr(34) & " xsi:noNamespaceSchemaLocation=" & Chr(34) & _
"http://schema.2sms.com/1.0/0410_RequestSendMessage.xsd" & Chr(34) & " Version = " & _
Chr(34) & "1.0" & Chr(34) & ">" & _
"<Identification>" & _
"  <UserID><![CDATA[" & username & "]]></UserID>" & _
"  <Password>" & password & "</Password>" & _
"</Identification>" & _
"<Service>" & _
"  <ServiceName>SendMessage</ServiceName>" & _
```



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```

    "<ServiceDetail>" & _
    "<SingleMessage>" & _
    "<Destination>" & destination & "</Destination>" & _
    "<Text><![CDATA[" & message & "]]></Text>" & _
    "</SingleMessage>" & _
    "</ServiceDetail>" & _
"</Service>" & _
"</Request>"

```

'open connection to server and send

```

Dim xmlrequest As MSXML2.XMLHTTP
Set xmlrequest = New MSXML2.XMLHTTP

```

```
xmlrequest.Open "POST", "http://www.2sms.com/xml/xml.jsp", False
```

```
xmlrequest.setRequestHeader "content-type", "text/xml"
xmlrequest.send xmlstring
```

'get the response back

```
response = xmlrequest.responseText
```

```

'set up DOM to parse
Dim xmlresponse As MSXML2.DOMDocument30
Set xmlresponse = New MSXML2.DOMDocument

```

```

xmlresponse.async = False
xmlresponse.resolveExternals = False
xmlresponse.validateOnParse = False

```

On Error Resume Next

```
xmlresponse.loadXML response
```

'pull out relevant variables from response

```

javareult = (xmlresponse.getElementsByTagName("Result").Item(0).Text)
errorCode = (xmlresponse.getElementsByTagName("ErrorCode").Item(0).Text)
errorreason = (xmlresponse.getElementsByTagName("ErrorReason").Item(0).Text)
messageid = (xmlresponse.getElementsByTagName("MessageID").Item(0).Text)

```

If errorCode = "00" Then

```

    SendMessage = javareult
Else
    If errorreason = "" Then
        SendMessage = "Message Failed - Unknown Error"
    Else
        SendMessage = "Message FAILED. (Reason: " & errorreason & ")"
    End If
End If

```

End Function

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## 2sms XML Services

2sms supports a range xml services, including sending messages, running reports, and managing your address book held on your 2sms account. Please read [http://www.2sms.com/documents/US/Software/2sms\\_US\\_Software\\_XML\\_Overview.pdf](http://www.2sms.com/documents/US/Software/2sms_US_Software_XML_Overview.pdf) for more information.

You can modify the Python code listed in this document to send XML to access any of the supported xml services, whose details are listed at <http://schema.2sms.com>.

If you prefer to work with SOAP, please read [http://www.2sms.com/documents/US/Software/2sms\\_US\\_Software\\_XML\\_Overview.pdf](http://www.2sms.com/documents/US/Software/2sms_US_Software_XML_Overview.pdf)

If you prefer to work with web services, please read [http://www.2sms.com/documents/US/Software/2sms\\_US\\_Software\\_Web\\_Services\\_Overview.pdf](http://www.2sms.com/documents/US/Software/2sms_US_Software_Web_Services_Overview.pdf)

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