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Checking whether a website is up

This recipe will show you how to check that a site is up, using the `XMLHttp` object we have seen in action in the *Checking whether page links are broken* recipe.

Getting ready

We will be using the `Web_Functions.vbs` function library, seen in the previous recipe, to take advantage of the `objXMLHttp` global variable, along with the `InitXMLHttp()` and `DisposeXMLHttp()` functions. Make sure the library is associated to the test.

How to do it...

Basically, here we will follow the same logic as in the *Checking whether page links are broken* recipe, but instead of getting the URL from the page links dynamically, we will just pass the URL to the function:

```
Function checkSiteIsUp(URL)
    If lcase(typename(oXMLHttp)) <> "xmlhttp" Then
        initXMLHttp()
    End If

    if oXMLHttp.open("GET", URL, false) = 0 then
        oXMLHttp.send()

        If oXMLHttp.Status<>200 Then
            reporter.ReportEvent micFail, "Check site is up", "Site " & (
                                    ortEvent micPass, " Check site is up ", "Site " &
```

In `Action1`, we will invoke the function as follows:

```
checkSiteIsUp("http://www.advancedqtp.com")
```

How it works...

As mentioned in this recipe, the logic here is pretty much the same as with checking for broken links. We send an `Http Get` request and check the status returned by the server.

See also

The *Checking whether page links are broken* recipe.

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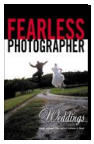

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