

How to call an ASP.NET web service from client script?

A very simple web service to add 2 numbers:

```
<% @ WebService Language="C#" class=MyMath %>
```

```
using System;  
using System.Web.Services;
```

```
public class MyMath {
```

```
    [WebMethod]  
    public int add(int a, int b)  
    {  
        return a + b;  
    }
```

```
    [WebMethod]  
    public int subtract(int a, int b)  
    {  
        return a - b;  
    }
```

```
}
```

A simple test page:

```
<html>  
<head>  
<script language="JavaScript">  
var iCallID;
```

```
function init()  
{  
    service.useService("ws2.asmx?WSDL","math");  
}
```

```
function onmyresult()  
{  
    if((event.result.error)&&(iCallID==event.result.id))  
    {  
        var xfaultcode = event.result.errorDetail.code;  
        var xfaultstring = event.result.errorDetail.string;  
        var xfaultsoap = event.result.errorDetail.raw;
```

```

// Add code to output error information here
alert("Error ");
}
else
{
service.innerHTML= "The method returned the result : " + event.result.value;
}
}

function tst(){
iCallID = service.math.callService("Add",ip1.value,ip2.value);
}
</script>
</head>
<body onload="init();">
<BR>
Enter first Value <input type='text' id='ip1'>
<BR>
Enter Second value <input type='text' id='ip2'>
<BR>
<button onclick=javascript:tst()>Call Add Web Method</button>
<div id="service" style="behavior:url(web service.htc)" onresult="onmyresult();">
</div>

</body>
</html>

</html>

```