

WebPascal script model tutorial - AJAX introduction

2017-01-05 09:11:45 99⁺

What is AJAX? AJAX is "Asynchronous Javascript And XML" (asynchronous JavaScript and XML), which refers to a web development technology for creating interactive web applications. AJAX = Asynchronous JavaScript and XML (a subset of the standard universal markup language). AJAX is a technology for creating fast, dynamic web pages. AJAX can make web pages asynchronously update by doing a small amount of data exchange with the server in the background. This means that some part of the page can be updated without reloading the entire page. Traditional web pages (without AJAX) If you need to update content, you must reload the entire web page.

For example, if we create a login page, when the user enters the wrong password, the user will be reminded on the current page, instead of prompting and returning to the original login page after the entire page is switched. This user experience is completely different.

AJAX basic usage, you can check the AJAX.api and getip.api files in the Bin\Script\AJAX case directory, AJAX.api is responsible for calling

Getip.api and return the data on the current page. Let's analyze its code:

```

1  <html>
2  <head>
3  <script type="text/javascript">
4  function loadXMLDoc()
5  {
6  var xmlhttp;
7  if (window.XMLHttpRequest)
8  { // code for IE7+, Firefox, Chrome, Opera, Safari
9    xmlhttp=new XMLHttpRequest();
10 }
11 else
12 { // code for IE6, IE5
13   xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");
14 }
15 xmlhttp.onreadystatechange=function()
16 {
17   if (xmlhttp.readyState==4 && xmlhttp.status==200)
18   {
19     document.getElementById("myDiv").innerHTML=xmlhttp.responseText;
20   }
21 }
22 xmlhttp.open("GET","getIP.api",true);
23 xmlhttp.send();
24 }
25 </script>
26 </head>
27 <body>
28
29 <button type="button" onclick="loadXMLDoc()">get</button>
30 <div id="myDiv"></div>
31
32 </body>
33 </html>

```

The <div id="myDiv"> in the code indicates that this div is used to display the return value, in the js function loadXMLDoc()

document.getElementById("myDiv").innerHTML is the process of finding this div and setting its contents; Xmlhttp.open("GET","getIP.api",true) is to perform the http get operation, access getIP.api, is this roughly understandable?

This is the basic usage of AJAX, but we can use jquery to use it more easily, and encapsulate several methods in jquery, respectively \$.get

\$.post and \$.ajax, such as \$.get, use:

```
1 $.get("URL? Parameter name = parameter value & parameter name 2 = parameter value 2",  
2     function(result){  
3         alert(result);  
4     }  
5 );
```

Is not it simple? However, note that ajax is a cross-domain access restriction. If you want to access a non-local address, you need to define some attributes in the accessor. Of course, you can also use the HTTP function in the script. It is.