JavaScript AJAX Intro

- description : JavaScript AJAX Introduction
- author :
- email : shlim@repia.com
- lastupdate : 2021-04-02

AJAX Introduction

- AJAX   .
-   .
-   .

AJAX Example

```
<!DOCTYPE html>
<html>
<body>

<div id="demo">
  <h2>Let AJAX change this text</h2>
  <button type="button" onclick="loadDoc()">Change Content</button>
</div>

</body>
```

HTML   <div>   <button>   .

<div>   .

<button>   (   ).

                              ,   .

Function loadDoc()

```
function loadDoc() {
  var xhttp = new XMLHttpRequest();
```

```javascript
  xhttp.onreadystatechange = function () {
    if (this.readyState == 4 && this.status == 200) {
      document.getElementById("demo").innerHTML = this.responseText;
    }
  };
  xhttp.open("GET", "ajax_info.txt", true);
  xhttp.send();
}
```

What is AJAX?

AJAX = **A**synchronous **J**avaScript **A**nd **X**ML.

AJAX   .

AJAX   .

- XMLHttpRequest   (   )
- JavaScript   HTML DOM (   )

AJAX   . AJAX   XML   ,
_____ plain text   JSON   .

AJAX
              .
                                      ,   .

How AJAX Works

1. (,)	
2. XMLHttpRequest JavaScript .	
3. XMLHttpRequest .	
4. .	
5. response .	
6. JavaScript Respnose .	
7. JavaScript (,) .	

,, Javascript, AJAX