

# JavaScript AJAX Intro

- description : JavaScript AJAX Introduction
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## AJAX Introduction

- AJAX 가
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## 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();
```

```
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 = Asynchronous JavaScript And XML.

## Ajax 가

AJAX

- XMLHttpRequest ( )
  - JavaScript HTML DOM ( )

```
graph LR; PlainText[plain text] --> JSON[JSON]; JSON --> XML[XML];
```

The diagram illustrates a sequential process. It begins with a box labeled "plain text". An arrow points from this box to another box labeled "JSON". A second arrow points from the "JSON" box to a third box labeled "XML". This visualizes the transformation of plain text into JSON and then into XML.

AJAX

# How AJAX Works



- 1. 가 ( , )
- 2. XMLHttpRequest 가 JavaScript
- 3. XMLHttpRequest
- 4.
- 5. 가 response
- 6. JavaScript Response
- 7. JavaScript ( , )

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