

PHP Basic

- PHP HOME
- PHP Intro
- PHP Install
- PHP Syntax
- PHP Variables
- PHP Echo / Print
- PHP Data Types
- PHP String Functions
- PHP Constants
- PHP Operators
- PHP If...Else...Elseif
- PHP Switch
- PHP While Loops
- PHP For Loops
- PHP Functions
- PHP Arrays
- PHP Sorting Arrays
- PHP Superglobals

PHP Forms

- PHP Form Handling
- PHP Form Validation
- PHP Form Required
- PHP Form URL/E-mail
- PHP Form Complete

PHP Advanced

- PHP Arrays Multi
- PHP Date
- PHP Include
- PHP File
- PHP File Upload
- PHP Cookies
- PHP Sessions

My SQL Performance Help?

www.skysql.com/consulting

Looking to get max performance from My SQL? Talk to our team of experts



PHP - AJAX and MySQL

« Previous

Next Chapter »

AJAX can be used for interactive communication with a database.

AJAX Database Example

The following example will demonstrate how a web page can fetch information from a database with AJAX:

Example

Select a person:

Person info will be listed here...

Example Explained - The MySQL Database

The database table we use in the example above looks like this:

id	FirstName	LastName	Age	Hometown	Job
1	Peter	Griffin	41	Quahog	Brewery
2	Lois	Griffin	40	Newport	Piano Teacher
3	Joseph	Swanson	39	Quahog	Police Officer
4	Glenn	Quagmire	41	Quahog	Pilot

Example Explained - The HTML Page

Search w3schools.com:

Google™ Custom Search

Select Language

WEB HOSTING

Best Web Hosting

UK Reseller Hosting

WEB BUILDING

Download XML Editor

FREE Website BUILDER

FREE Website Creator

W3SCHOOLS EXAMS

HTML5, CSS, JavaScript, PHP, jQuery, XML, and ASP Certifications

SHARE THIS PAGE

f t e + in

102k

No balance

PHP E-mail
PHP Secure E-mail
PHP Error
PHP Exception
PHP Filter

PHP Database

PHP MySQL Intro
PHP MySQL Connect
PHP CREATE DB/Table
PHP INSERT INTO
PHP SELECT
PHP WHERE
PHP ORDER BY
PHP UPDATE
PHP DELETE
PHP ODBC

PHP XML

XML Expat Parser
XML DOM
XML SimpleXML

PHP and AJAX

AJAX Intro
AJAX PHP
AJAX Database
AJAX XML
AJAX Live Search
AJAX RSS Reader
AJAX Poll

PHP Examples

PHP Examples
PHP Quiz
PHP Certificate

PHP Reference

PHP Array
PHP Calendar

When a user selects a user in the dropdown list above, a function called "showUser()" is executed. The function is triggered by the "onchange" event:

```
<html>
<head>
<script>
function showUser(str)
{
if (str=="")
{
document.getElementById("txtHint").innerHTML="";
return;
}
if (window.XMLHttpRequest)
{
// code for IE7+, Firefox, Chrome, Opera, Safari
xmlhttp=new XMLHttpRequest();
}
else
{
// code for IE6, IE5
xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");
}
xmlhttp.onreadystatechange=function()
{
if (xmlhttp.readyState==4 && xmlhttp.status==200)
{
document.getElementById("txtHint").innerHTML=xmlhttp.responseText;
}
}
xmlhttp.open("GET","getuser.php?q="+str,true);
xmlhttp.send();
}
</script>
</head>
<body>

<form>
<select name="users" onchange="showUser(this.value)">
<option value="">Select a person:</option>
<option value="1">Peter Griffin</option>
<option value="2">Lois Griffin</option>
<option value="3">Glenn Quagmire</option>
<option value="4">Joseph Swanson</option>
</select>
</form>
<br>
<div id="txtHint"><b>Person info will be listed here.</b></div>

</body>
</html>
```

sheet

CALCULATE
YOUR RISK



Bring on tomorrow

WEB RESOURCES

Web Statistics
Web Validation

The showUser() function does the following:

- Check if a person is selected
- Create an XMLHttpRequest object
- Create the function to be executed when the server response is ready
- Send the request off to a file on the server
- Notice that a parameter (q) is added to the URL (with the content of the dropdown list)

The PHP File

The page on the server called by the JavaScript above is a PHP file called "getuser.php".

The source code in "getuser.php" runs a query against a MySQL database, and returns the result in an HTML table:

```
<?php
$q = intval($_GET['q']);

$con = mysqli_connect('localhost','peter','abc123','my_db');
if (!$con)
{
    die('Could not connect: ' . mysqli_error($con));
}

mysqli_select_db($con,"ajax_demo");
$sql="SELECT * FROM user WHERE id = '". $q ."'";

$result = mysqli_query($con,$sql);

echo "<table border='1'>
<tr>
<th>Firstname</th>
<th>Lastname</th>
<th>Age</th>
<th>Hometown</th>
<th>Job</th>
</tr>";

while($row = mysqli_fetch_array($result))
{
    echo "<tr>";
    echo "<td>" . $row['FirstName'] . "</td>";
    echo "<td>" . $row['LastName'] . "</td>";
    echo "<td>" . $row['Age'] . "</td>";
    echo "<td>" . $row['Hometown'] . "</td>";
    echo "<td>" . $row['Job'] . "</td>";
    echo "</tr>";
}
echo "</table>";
```

```
mysqli_close($con);  
?>
```

Explanation: When the query is sent from the JavaScript to the PHP file, the following happens:

1. PHP opens a connection to a MySQL server
2. The correct person is found
3. An HTML table is created, filled with data, and sent back to the "txtHint" placeholder

[« Previous](#)

[Next Chapter »](#)

Over 40 Million People Choose Wix to Create Their Websites.

[Click here](#) to create yours today.

Wix.com lets everyone easily design HTML5 websites using an intuitive drag n' drop builder. No coding skills needed.

Pick any of our beautiful mobile-optimized templates. Customize anything and get online instantly! Wix gives everything you need in one place - reliable hosting, full support, SEO tools and more.

Award-winning XML Tools: Altova MissionKit



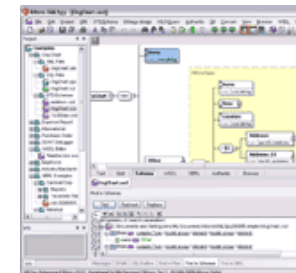
The Altova MissionKit is an integrated suite of tools ideal for:

- XML development
- Web & Web services development
- Data mapping & integration
- Rendering & publishing XML & database data
- XBRL validation, taxonomy editing, transformation & rendering
- Chart & report generation for XML & XBRL

Altova MissionKit includes XMLSpy® - the industry leading XML editor, MapForce® - a graphical, any-to-any data mapping tool, StyleVision® - a visual XSLT and report designer, and much more. You'll get 7 tools for less than the price of 2!

Try Altova MissionKit free for 30 days!

[Download a fully-functional free trial](#)



[Try it now!](#)



Top 10 Tutorials

- » [HTML Tutorial](#)
- » [HTML5 Tutorial](#)
- » [CSS Tutorial](#)
- » [CSS3 Tutorial](#)
- » [JavaScript Tutorial](#)
- » [jQuery Tutorial](#)
- » [SQL Tutorial](#)
- » [PHP Tutorial](#)
- » [ASP.NET Tutorial](#)
- » [XML Tutorial](#)

Top 10 References

- » [HTML/HTML5 Reference](#)
- » [CSS 1,2,3 Reference](#)
- » [CSS 3 Browser Support](#)
- » [JavaScript](#)
- » [HTML DOM](#)
- » [XML DOM](#)
- » [PHP Reference](#)
- » [jQuery Reference](#)
- » [ASP.NET Reference](#)
- » [HTML Colors](#)

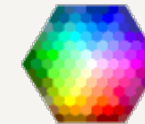
Top 10 Examples

- » [HTML Examples](#)
- » [CSS Examples](#)
- » [JavaScript Examples](#)
- » [HTML DOM Examples](#)
- » [PHP Examples](#)
- » [jQuery Examples](#)
- » [XML Examples](#)
- » [XML DOM Examples](#)
- » [ASP Examples](#)
- » [SVG Examples](#)

Web Certificates

- » [HTML Certificate](#)
- » [HTML5 Certificate](#)
- » [CSS Certificate](#)
- » [JavaScript Certificate](#)
- » [jQuery Certificate](#)
- » [XML Certificate](#)
- » [ASP Certificate](#)
- » [PHP Certificate](#)

Color Picker



[REPORT ERROR](#) | [HOME](#) | [TOP](#) | [PRINT](#) | [FORUM](#) | [ABOUT](#) | [ADVERTISE WITH US](#)

W3Schools is optimized for learning, testing, and training. Examples might be simplified to improve reading and basic understanding. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using this site, you agree to have read and accepted our terms of use, cookie and privacy policy. Copyright 1999-2014 by Refsnes Data. All Rights Reserved.