

How to PHP + MySQL + Web

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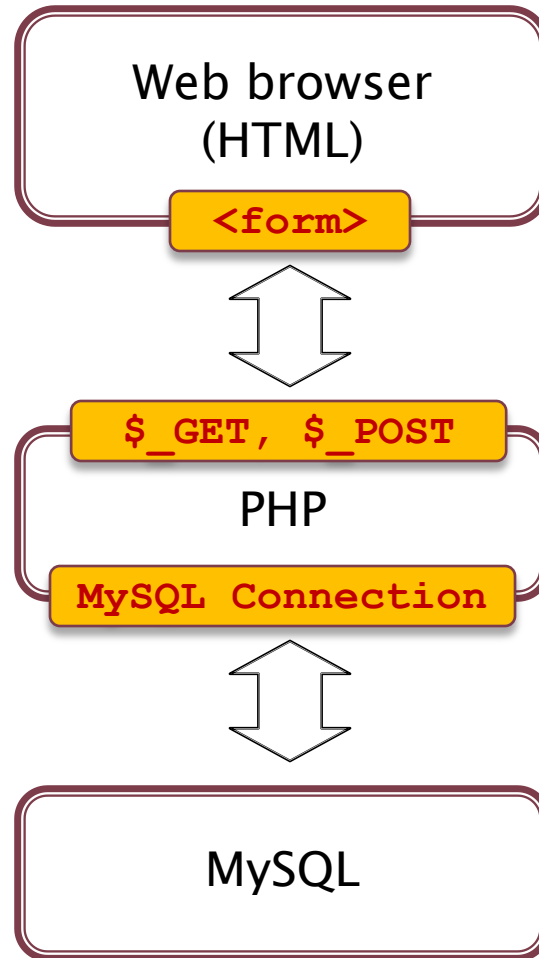
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Contents

- ▶ PHP + Web
- ▶ PHP + MySQL
- ▶ PHP + MySQL + Web

PHP + MySQL + Web

► Concept



PHP + Web

- ▶ HTML (Hyper Text Markup Language)
 - <form>, <input> tags
 - Extra features: Javascript, CSS, DHTML, etc.
- ▶ Sample code

```
<html>
<body>
<form action="demo1.php" method="post">
Name: <input type="text" name="name">
Age: <input type="text" name="age">
<input type="submit">
</form>
</html>
</body>
```

PHP + Web

▶ PHP

- \$_GET, \$_POST

▶ Sample code (demo1.php)

```
<html>
<body>
What you entered:<br>
Name as <?php echo $_POST["name"]; ?><br>
Age as <?php echo $_POST["age"]; ?><br>
</body>
</html>
```

PHP + MySQL

- ▶ Refer to the document
 - <http://www.cs.jhu.edu/~yarowsky/600.415.stored-procedures/MySQL-PHP-and-Perl.pdf>
- ▶ Check list
 - All your source codes should be located in the `~/public_html` folder
 - If there isn't create one as follows.

```
>mkdir public_html
```

```
>chmod 705 public_html
```
 - You have to change the permission of a file if you want to access it via web-browser. (**IMPORTANT STEP**)
 - ```
>chmod 704 demo1.php
```

# PHP + MySQL

## ► How to Connect DBASE MySQL server from UGRAD machine

```
$dbhost = 'dbase.cs.jhu.edu:3306';
$dbuser = 'your_mysql_id';
$dbpass = 'your_mysql_password';
$conn = mysql_connect($dbhost, $dbuser, $dbpass);
if (!$conn) {
 die ('Error connecting to mysql');
}

$dbname = 'your_mysql_db'; (ex. minyangdb)
mysql_select_db($dbname, $conn);
```

# PHP + MySQL + Web

## ► HTML Sample code

```
<html>
<body>
<form action="demo3.php" method="post">
Enter a limit: <input type="text" name="limit">

Choose sex: Male<input type="radio" name="sex" value="M" checked="checked"
> Female<input type="radio" name="sex" value="F">

Select a city code:
 <select name="city_code" size="4">
 <option value="BAL">BAL</option>
 <option value="PIT">PIT</option>
 <option value="NYC">NYC</option>
 <option value="YYZ">YYZ</option>
 <option value="HKG">HKG</option>
 <option value="CHI">CHI</option>
 </select>

<input type="submit">
</form>
</html>
</body>
```

# PHP + MySQL + Web

## ► PHP Sample code (**demo3.php**)

**<?**

```
// After DB connection is opened successfully
```

```
$limit = $_POST["limit"];
```

```
$sex = $_POST["sex"];
```

```
$city = $_POST["city_code"];
```

```
$query = "SELECT * FROM Student WHERE Sex='$sex' and city_code='$city'
LIMIT 0,$limit";
```

```
$result = mysql_query($query);
```

```
while($row = mysql_fetch_array($result)) {
 print $row['Fname']." ".$row['LName'].", $sex, $city
";
}
```

```
mysql_close($conn);
```

**?>**

# Demo

► <http://ugrad.cs.jhu.edu/~minyang>

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Database Systems  
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## **How to PHP + MySQL + Web**

- [1\) How to PHP + Web](#)
- [2\) How to PHP + MySQL](#)
- [3\) How to PHP + MySQL + Web](#)

[Go back](#)

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