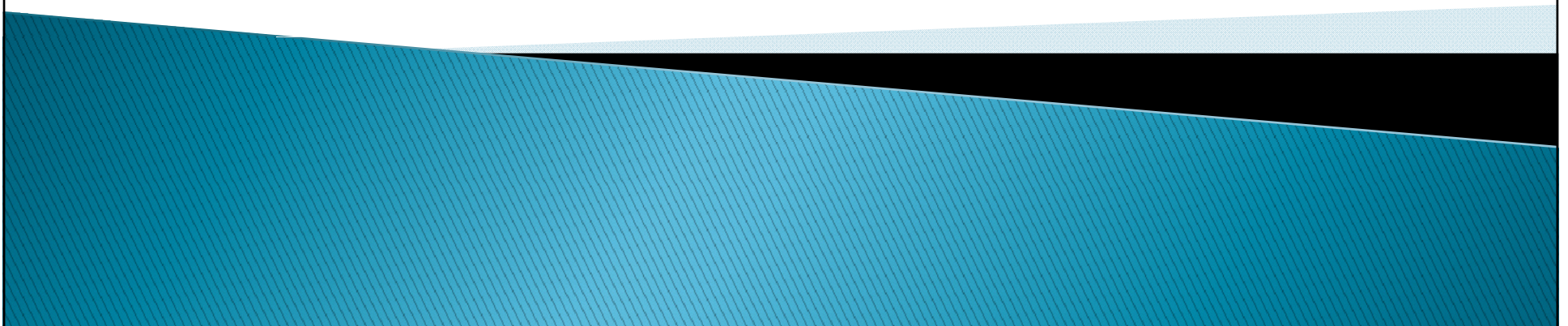


Using MySQL with PHP/Perl

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November 13, 2008



MySQL + PHP

► Open a connection

```
<?php
$dbhost = 'localhost';
$dbhost = 'db.php-mysql-tutorial.com:3306';
$dbuser = 'root';
$dbpass = 'password';

$conn = mysql_connect($dbhost, $dbuser, $dbpass)
    or die ('Error connecting to mysql');

$dbname = 'petstore';
mysql_select_db($dbname);
?>
```

MySQL + PHP

▶ Close a connection

```
<?php
// it does nothing but closing
// a mysql database connection
mysql_close($conn) ;
?>
```

MySQL + PHP

▶ SELECT

```
<?php
include 'config.php';
include 'opendb.php';

$query = "SELECT name, subject, message FROM contact";
$result = mysql_query($query);

while($row = mysql_fetch_row($result)) {
    $name      = $row[0];
    $subject   = $row[1];
    $message   = $row[2];

    echo "Name :$name <br>" .
        "Subject : $subject <br>" .
        "Message : $row <br><br>";
}
```

MySQL + PHP

► INSERT

```
<?php
    include 'config.php';
    include 'opendb.php';
    mysql_select_db($mysql);
    $query = "INSERT INTO user (host, user, password, select_p
riv, insert_priv, update_priv) VALUES ('localhost', 'phpc
ake', PASSWORD('mypass'), 'Y', 'Y', 'Y')";

    mysql_query($query) or die('Error, insert query failed');

    $query = "FLUSH PRIVILEGES";
    mysql_query($query) or die('Error, insert query failed');
    include 'closedb.php'

?>
```

MySQL + PERL

► Open a Connection

```
#!/usr/bin/perl
```

```
use Mysql;
```

```
print "Content-type: text/html \n\n";
```

```
$host = "localhost";
```

```
$database = "store";
```

```
$tablename = "inventory";
```

```
$user = "username";
```

```
$pw = "password";
```

```
$connect = Mysql->connect($host, $database, $user,  
    $pw);
```

```
$connect->selectdb($database);
```



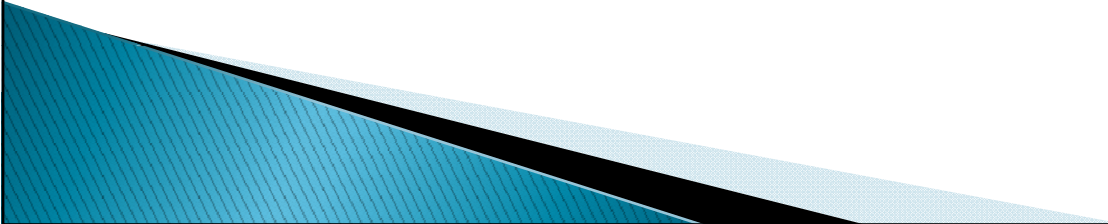
MySQL + PERL

▶ Close a Connection

```
# free result set  
mysql_free_result($result);
```

```
# close the connection  
mysql_close($connect);
```

```
?>
```



MySQL + PERL

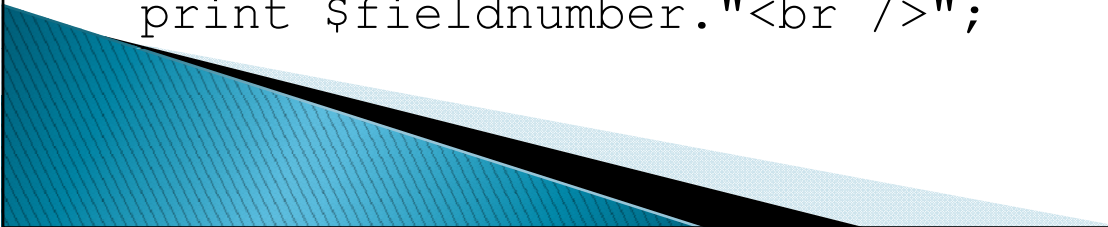
▶ SELECT

```
# DEFINE A MySQL QUERY
$query = "SELECT * FROM $tablename";

$execute = $connect->query($query);

$rownumber = $execute->numrows();
$fieldnumber = $execute->numfields();

# PRINT THE RESULTS
print $rownumber."<br />";
print $fieldnumber."<br />";
```



MySQL + PERL

► INSERT

```
$myquery = "INSERT INTO $tablename (id, product,  
    quantity) VALUES (DEFAULT, 'pineapples', '15')";  
$execute = $connect->query($myquery);  
  
$affectedrows = $execute->affectedrows($myquery);  
$lastid = $execute->insertid($myquery);  
  
print $affectedrows."<br />";  
print $lastid."<br />";
```