

PHP - Advanced Tutorial

Gulev

December 6, 2002. Veracruz, Mexico

Rasmus Lerdorf <rasmus@php.net>

<http://lerdorf.com/veracruz.pdf>

- o PHP-MySQL
- o Cookie Handling
- o Dynamic Images
- o PDF
- o Flash
- o Sessions
- o Security
- o Tips & Tricks
- o Optimization
- o Latest Developments
- o Future

Check your PHP Setup for MySQL support

```
<? phpinfo() ?>
```

The screenshot shows a web browser window with the title 'mysql' and the address bar containing 'http://localhost/info.php'. The browser displays the output of the `phpinfo()` function, specifically the MySQL support section. The output is organized into two tables.

MySQL Support	enabled
Active Persistent Links	0
Active Links	0
Client API version	3.23.49
MYSQL_MODULE_TYPE	external
MYSQL_SOCKET	/var/lib/mysql/mysql.sock
MYSQL_INCLUDE	-/usr/include/mysql
MYSQL_LIBS	-L/usr/lib/mysql -lmysqlclient

Directive	Local Value	Master Value
mysql.allow_persistent	On	On
mysql.default_host	no value	no value
mysql.default_password	no value	no value
mysql.default_port	no value	no value
mysql.default_socket	no value	no value
mysql.default_user	no value	no value
mysql.max_links	Unlimited	Unlimited
mysql.max_persistent	Unlimited	Unlimited

The browser's status bar at the bottom shows 'Done.'

If not enabled

Very rare since a MySQL client library is distributed with PHP and built into PHP by default. However, it is possible to build PHP without MySQL support. Some possible fixes:

```
apt-get install php-mysql
```

```
rpm -Uvh php-mysql-4.2.2-1.i386.rpm
```

```
./configure --with-mysql=shared,/usr  
cp modules/mysql.so /usr/local/lib/php
```

```
extension_dir=/usr/local/lib/php  
extension=mysql.so
```

Make sure MySQL is running

```
prompt:~> mysqlshow
+-----+
| Databases |
+-----+
| mysql     |
| test      |
+-----+
```

Or with the latest PHP

```
<? echo mysql_stat() ?>
```

Output:

```
Uptime: 6717  Threads: 1  Questions: 1  Slow queries: 0  Opens: 6  Flush tables: 1
Open tables: 0  Queries per second avg: 0.000
```

The simple connection

```
<?
$conn = mysql_connect('localhost');
echo $conn;
?>
```

Output:

```
Resource id #28
```

Other variations

```
<?
mysql_connect('db.domain.com:33306','rasmus','foobar');
mysql_connect('localhost:/tmp/mysql.sock');
mysql_connect('localhost','rasmus','foobar',
              true,MYSQL_CLIENT_SSL|MYSQL_CLIENT_COMPRESS);
?>
```

[Click here to download full PDF material](#)