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## MySQL server status with mysqlreport report script

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Q. How to find out more information about MySQL server status?

A. The MySQL server maintains many status variables that provide information about its operation. You can see upto date variables lists and explanation of its usages online. For example you can connect to MySQL server and execute SHOW STATUS

**\$ mysql -u vivek -p**

mysql> **show status;**

Output:

```
+-----+-----+
| Variable_name | Value |
+-----+-----+
| Aborted_clients | 0 |
| Aborted_connects | 4 |
| Binlog_cache_disk_use | 0 |
| Binlog_cache_use | 0 |
| Bytes_received | 208711192 |
| Bytes_sent | 2331972589 |
| Com_admin_commands | 1 |
| Com_alter_db | 0 |
| Com_alter_table | 0 |
| ....
| .....
| .
| Threads_connected | 1 |
| Threads_created | 53 |
| Threads_running | 1 |
| Uptime | 143182 |
+-----+-----+
186 rows in set (0.00 sec)
```

However it takes some time to understand these variables. I recommend using mysqlreport which makes a friendly report of important status variables.

From the project home page:

It makes a friendly report of nearly every status value from SHOW STATUS. Unlike SHOW STATUS which simply dumps over 100 values to screen in one long list, mysqlreport interprets and formats the values and presents the basic values and many more inferred values in a human-readable format. Numerous example reports are available at the mysqlreport web page.

The benefit of mysqlreport is that it allows you to very quickly see a wide array of performance indicators for your MySQL server which would otherwise need to be calculated by hand from all the various SHOW STATUS values

## How do I use mysqlreport?

First, download mysqlreport perl script:

```
$ wget http://hackmysql.com/scripts/mysqlreport
```

Now, execute mysqlreport

```
$ ./mysqlreport --user vivek --host localhost --port 3306 --socket
/var/lib/mysql/mysql.sock --password
```

Output:

```
Password for database user vivek:
MySQL 4.1.20          uptime 1 15:51:22      Fri Oct 20 00:39:46 2006
```

___ Key ___					
Buffer used	2.92M of 500.00M	%Used:	0.58		
Current	94.22M	%Usage:	18.84		
Write ratio	0.83				
Read ratio	0.01				
___ Questions ___					
Total	575.29k	4.01/s			
Slow	0	0.00/s	%Total:	0.00	%DMS: 0.00
DMS	165.78k	1.16/s		28.82	
___ Table Locks ___					
Waited	5	0.00/s	%Total:	0.00	
Immediate	174.21k	1.21/s			
___ Tables ___					
Open	99 of 4000	%Cache:	2.48		
Opened	1.82k	0.01/s			
___ Connections ___					
Max used	15 of 400	%Max:	3.75		
Total	76.37k	0.53/s			
___ Created Temp ___					
Disk table	6.21k	0.04/s			
Table	14.24k	0.10/s			
File	22	0.00/s			

=> [Download Link](#) <sup>[1]</sup>

=> [Documentation](#) <sup>[2]</sup>

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URLs in this post:

[1] Download Link: <http://hackmysql.com/mysqlreport>

[2] Documentation: <http://hackmysql.com/mysqlreportdoc>