

# Opimising a WordPress installation



# TechTips

## Opimising a WordPress installation



26th Bahrain Bloggers' Gathering

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important  
reminder

Did you upgrade to <sup>WordPress</sup> 2.1.2 yet?  
You need to!

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You need to!

2.1.1 download file has been maliciously hacked

Speed is *EVERYTHING*

# reduce the number of posts on the front page

**Blog Pages**

Show at most:  posts

admin > options > reading > show at most

# remove unneeded plugins

<a href="#">Sitemaps</a>	3.0b4	<a href="#">Configuration</a>
<a href="#">Hello Dolly</a>	1.5	This is not just summed up in activated your screen on every
<a href="#">Live Comment Preview</a>	1.7	Activate to see ?> to display
<a href="#">LMB^Box Comment Quicktags</a>	2.4	Inserts a quick

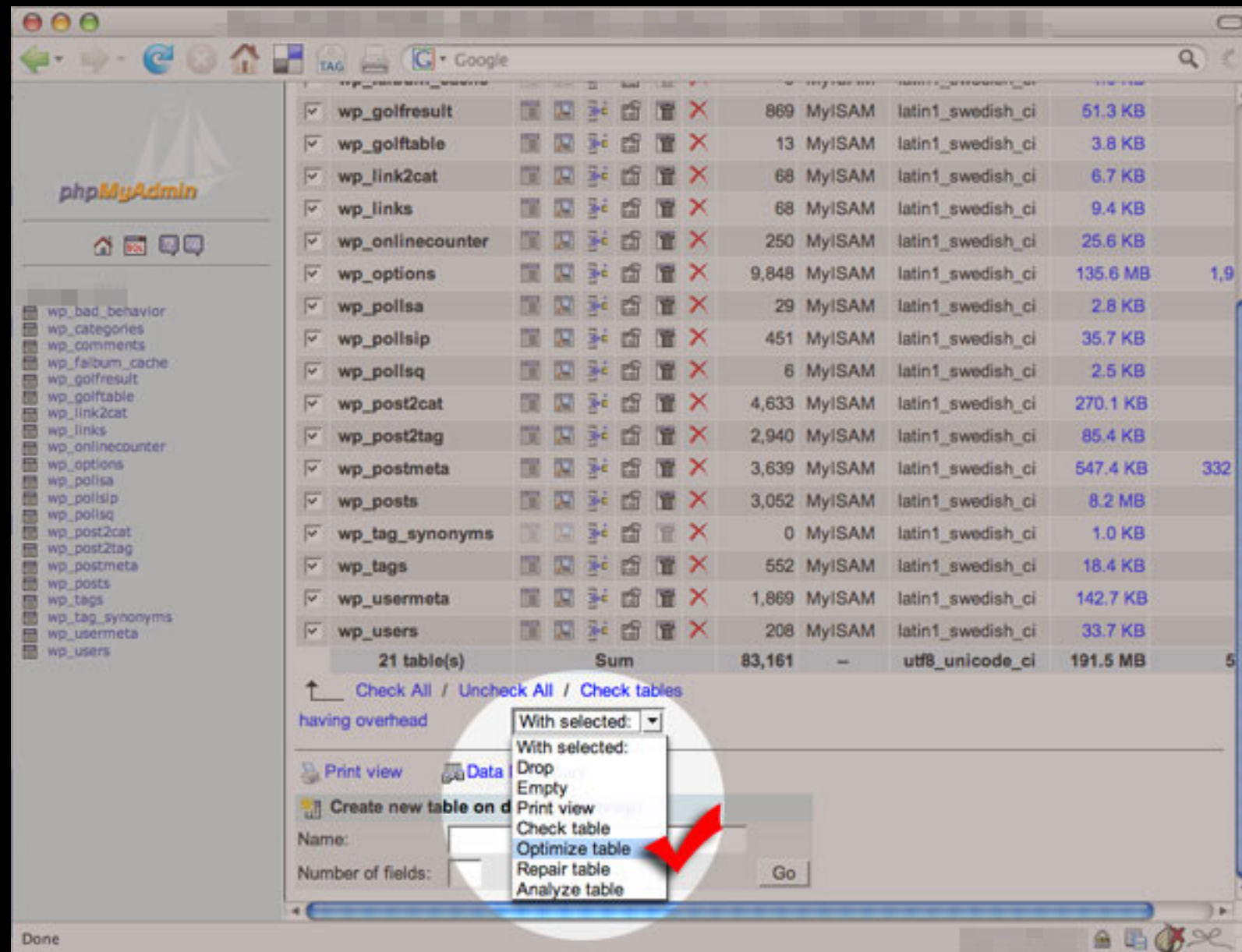
# Javascript Plugins reduce page-loading speed

<a href="#">Sitemaps</a>	3.064	<a href="#">Configuration</a>
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plugins that depend on javascript **WILL** slow down your site!  
for instance, the *Live Comment Preview*, *Smilies*, *Comment Quicktags*, etc.  
so balance usability and speed wisely



# Once in a while, *optimise* your database



# turn on MySQL internal caching

starting with version 4.x

`/etc/my.cnf`

```
query_cache_type=1  
query_cache_size=64M  
query_cache_limit=4M  
tmp_table_size=256M  
table_cache=512  
thread_cache_size=6
```

query\_cache\_type is normally switched off (zero)

# turn on MySQL internal caching

starting with version 4.x

```
mysql> show status like 'Qca%';
```

Variable_name	Value
Qcache_free_blocks	4,498
Qcache_free_memory	20,907,304
Qcache_hits	1,374,977
Qcache_inserts	453,241
Qcache_lowmem_prunes	10,207
Qcache_not_cached	13,263
Qcache_queries_in_cache	15,339
Qcache_total_blocks	35,906

```
8 rows in set (0.00 sec)
```

# turn on MySQL internal caching

starting with version 4.x

```
mysql> show status like 'Com_sel%';
+-----+-----+
| Variable_name | Value |
+-----+-----+
| Com_select    | 466,547 |
+-----+-----+
1 row in set (0.00 sec)
```

The db cache has been “hit” 1,374,977 times against actual select operations of 466,547, meaning that most of database activity now is taken from the cache rather than actual db operations! Speeding up the site appreciably

# turn on MySQL internal caching

starting with version 4.x

```
mysql> show variables like 'query_cache%';
```

Variable_name	Value
query_cache_limit	4,194,304
query_cache_min_res_unit	4,096
query_cache_size	67,108,864
query_cache_type	ON
query_cache_wlock_invalidate	OFF

```
5 rows in set (0.00 sec)
```

actual settings taken from my.cnf file

# turn on MySQL internal caching

starting with version 4.x

see excellent article in Linux Magazine by Jeremy Zawodny  
in which he explains all of this.

<http://www.linux-mag.com/id/1752/?r=s>

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if you know more optimisation tricks or  
any other tips, please

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keep Bahrain Blogging!

thank you