

# Re: Benchmark MySQL Performance On FreeBSD And Linux

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2005-12/msg00078.html>

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- *From:* Chris <[chrcoluk@xxxxxxxxx](mailto:chrcoluk@xxxxxxxxx)>
  - *Date:* Wed, 28 Dec 2005 06:02:31 +0000
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>
> Make sure you compile your MySQL dynamically which is done by default,
> if you include 'BUILD_STATIC=yes' you ruin your ability to change
> threading libs.
>
> portupgrade -N -m 'BUILD_OPTIMIZED=yes'
> /usr/ports/databases/mysql41-server
> Or upgrade
> portupgrade -R -m 'BUILD_OPTIMIZED=yes'/var/db/pkg/mysql-server-4.1.14
>
>
> Use 'ldd' to find which threading library you are using.
>
> ldd /usr/local/libexec/mysqld
> /usr/local/libexec/mysqld:
> libz.so.3 => /lib/libz.so.3 (0x800978000)
> libwrap.so.4 => /usr/lib/libwrap.so.4 (0x800a8b000)
> libcrypt.so.3 => /lib/libcrypt.so.3 (0x800b94000)
> libstdc++.so.5 => /usr/lib/libstdc++.so.5 (0x800cad000)
> libm.so.4 => /lib/libm.so.4 (0x800ea4000)
> libpthread.so.2 => */usr/lib/libpthread.so.2* (0x800fc0000)
> libc.so.6 => /lib/libc.so.6 (0x8010eb000)
>
> Put something like this into your /etc/libmap.conf to change your
> threading library, and restart the service in question for the library
> change to take effect.
> [/usr/local/libexec/mysqld]
> libpthread.so.2 libthr.so.2
> libpthread.so libthr.so
>
> # ldd /usr/local/libexec/mysqld
> /usr/local/libexec/mysqld:
> libz.so.3 => /lib/libz.so.3 (0x800978000)
> libwrap.so.4 => /usr/lib/libwrap.so.4 (0x800a8b000)
> libcrypt.so.3 => /lib/libcrypt.so.3 (0x800b94000)
> libstdc++.so.5 => /usr/lib/libstdc++.so.5 (0x800cad000)
> libm.so.4 => /lib/libm.so.4 (0x800ea4000)
> libpthread.so.2 => */usr/lib/libthr.so.2* (0x800fc0000)
```

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> libc.so.6 => /lib/libc.so.6 (0x8010d7000)  
>  
>  
>  
> Ok thanks just 2 more questions.

(a) if I build dynamic there is no performance penalty? since the Makefile states build static for performance.  
(b) I have no /etc/libmap.conf it doesnt exist, so if I just create one and enter what you say it will work?

Chris

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freebsd-performance@xxxxxxxxxxxxx mailing list  
<http://lists.freebsd.org/mailman/listinfo/freebsd-performance>  
To unsubscribe, send any mail to "freebsd-performance-unsubscribe@xxxxxxxxxxxxx"

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• *Follow-Ups:*

- ◆ ***Re: Benchmark MySQL Performance On FreeBSD And Linux***  
    ◇ From: Michael Vince

• *References:*

- ◆ ***Re: Benchmark MySQL Performance On FreeBSD And Linux***  
    ◇ From: Gea-Suan Lin
- ◆ ***Re: Benchmark MySQL Performance On FreeBSD And Linux***  
    ◇ From: Rink Springer
- ◆ ***Re: Benchmark MySQL Performance On FreeBSD And Linux***  
    ◇ From: Gea-Suan Lin
- ◆ ***Re: Benchmark MySQL Performance On FreeBSD And Linux***  
    ◇ From: Scott Long
- ◆ ***Re: Benchmark MySQL Performance On FreeBSD And Linux***  
    ◇ From: Chris

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