

## Calculate Linux - Bug # 942: emerge is too slow

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|
| <b>Status:</b>      | New                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Priority:</b> | Normal          |
| <b>Author:</b>      | Adrien Duck                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Category:</b> | Calculate Linux |
| <b>Created:</b>     | 01/25/2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Assignee:</b> |                 |
| <b>Updated:</b>     | 01/29/2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Due date:</b> |                 |
| <b>Subject:</b>     | emerge is too slow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                 |
| <b>Description:</b> | <p>Hi Team Calculate</p> <p>On Calculate MATE, on HDD with 2Go RAM CPU Quad Core 2GHz:</p> <pre>&lt;pre&gt;time emerge -pv vlc&lt;/pre&gt;&lt;pre&gt;real 1m29.395suser 0m50.782sys 0m1.359s&lt;/pre&gt;</pre> <p>For an update :</p> <pre>&lt;pre&gt;time emerge -pvUDN --with-bdeps=y @world&lt;/pre&gt;&lt;pre&gt;real 0m37.917suser 0m37.470sys 0m0.444s&lt;/pre&gt;</pre> <p>On CLD, on HDD with 4Go RAM CPU Quad Core 2,3GHz:</p> <pre>&lt;pre&gt;time emerge -pv vlc&lt;/pre&gt;&lt;pre&gt;real 0m4.870suser 0m4.755sys 0m0.112s&lt;/pre&gt;</pre> <p>For an update :</p> <pre>&lt;pre&gt;time emerge -pvUDN --with-bdeps=y @world&lt;/pre&gt;&lt;pre&gt;real 4m27.318suser 3m50.672suser 0m4.617s&lt;/pre&gt;</pre> <p>Is it possible to accelerate emerge?</p> <p>Thanks !</p> |                  |                 |

## History

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**01/25/2017 12:43 pm - Adrien Duck**

oops, wrong informations in main bug (copy paste :())

I can't edit the main bug to correct commands...

On Gentoo MATE, on HDD with 2Go RAM CPU Quad Core 2GHz:

```
<pre>time emerge -pv vlc
real 0m4.870s
user 0m4.755s
sys 0m0.112s
</pre>
```

```
<pre>time emerge -pvUDN --with-bdeps=y @world
real 0m37.917s
user 0m37.470s
sys 0m0.444s
</pre>
```

On CLD, on HDD with 4Go RAM CPU Quad Core 2,3GHz:

```
<pre>time emerge -pv vlc
real 1m29.395s
user 0m50.782s
sys 0m1.359s
</pre>
```

```
<pre>time emerge -pvUDN --with-bdeps=y @world
real 4m27.318s
user 3m50.672s
sys 0m4.617s
</pre>
```

Is it possible to accelerate emerge?

Thanks !

**01/25/2017 03:45 pm - Mikhail Hiretsky**

How much time will run

```
<pre>time FEATURES="--getbinpkg" emerge -pv vlc
</pre>
```

How many packages installed in Gentoo MATE and CLD?

What is model of HDD use for Mate and CLD?

**01/25/2017 04:32 pm - Adrien Duck**

With FEATURES="--getbinpkg" :

```
<pre>real 0m14.675s
user 0m14.363s
```

```
sys 0m0.256s
```

```
</pre>
```

On CL : Found 1549 matches

On Gentoo MATE : Found 1137 matches

**01/25/2017 04:45 pm - Mikhail Hiretsky**

What PORTAGE\_BINHOST do you use? (@/etc/portage/make.conf/binhost@)

**01/25/2017 04:53 pm - Sebastien Chavaux**

Mikhail Hiretsky wrote:

> What PORTAGE\_BINHOST do you use? (@/etc/portage/make.conf/binhost@)

Hello, On my cld it is PORTAGE\_BINHOST="http://miroir.linuxtricks.fr/calculate/grp/x86\_64"

**01/25/2017 05:28 pm - Mikhail Hiretsky**

Please, show output of

```
<pre>
```

```
cl-update --sync-only --scan
```

```
wgetpaste /var/log/calculate/binhost-scan.log
```

```
</pre>
```

**01/25/2017 09:40 pm - Sebastien Chavaux**

Mikhail Hiretsky wrote:

> Please, show output of

> [...]

Here is: <http://pastebin.calculate-linux.org/en/show/13740>

**01/26/2017 10:03 am - Mikhail Hiretsky**

Please attach debug.out, debug\_nopkg.out of

```
<pre>
```

```
emerge -pv --debug vlc &>/tmp/debug.out
```

```
FEATURES="-getbinpkg" emerge -pv --debug vlc &>/tmp/debug_nopkg.out
```

```
</pre>
```

**01/26/2017 10:28 am - Mikhail Hiretsky**

How much time passed from starting the program to output message "Calculating dependencies"?

**01/26/2017 12:07 pm - Sebastien Chavaux**

- File *debug.out* added

- File *debug\_nopkg.out* added

Mikhail Hiretsky wrote:

> Please attach debug.out, debug\_nopkg.out of

> [...]

Here are the two files requested as attachments

**01/26/2017 12:10 pm - Adrien Duck**

Mikhail Hiretsky wrote:

> How much time passed from starting the program to output message "Calculating dependencies"?

```
real 0m25.579s
user 0m25.013s
sys 0m0.180s
```

**01/26/2017 12:17 pm - Sebastien Chavaux**

Adrien Daugabel wrote:

> Mikhail Hiretsky wrote:

> > How much time passed from starting the program to output message "Calculating dependencies"?

```
>
> real 0m25.579s
> user 0m25.013s
> sys 0m0.180s
```

On my machine, it gives:

```
Real 0m49.632s
User 0m49.092s
Sys 0m0.370s
```

**01/26/2017 12:25 pm - Mikhail Hiretsky**

In portage there is a problem with http binhost.

Try to use ftp binhost (write in @/var/lib/calculate/calculate.env@):

```
<pre>
[update]
cl_update_binhost_list = ftp://mirror.yandex.ru/calculate
</pre>
```

And re-scan <<cl-update --scan -s>>. After this try running the command twice:

```
<pre>
time emerge -pv
</pre>
```

**01/29/2017 04:27 pm - Adrien Duck**

With HTTP mirror (emerge -pv vlc)

```
real 0m11.205s
user 0m11.028s
sys 0m0.169s
```

With FTP mirror :

```
real 0m14.031s
user 0m11.134s
sys 0m0.178s
```

3 days ago, with http mirror, before \_These are the packages that would be merged, in order\_ message, we waited 30 seconds. Not today.

**Files**

|                 |          |            |                   |
|-----------------|----------|------------|-------------------|
| debug.out       | 149.6 KB | 01/26/2017 | Sebastien Chavaux |
| debug_nopkg.out | 144.1 KB | 01/26/2017 | Sebastien Chavaux |