

Re: why does linux-base-f7 exist if the binary compatibility is to a kernel too old to run it? (and how to change that?)

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Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2008-02/msg00654.html>

- *From:* Vince Hoffman <jhary@xxxxxxxxxxxx>
 - *Date:* Fri, 08 Feb 2008 17:21:35 +0000
-

Steve Franks wrote:

But there are sites (such as this one: <http://www.linux.com/feature/53055>) that talk about actually using linux_base-fc8 (which I can't even find on 7.0rc1). How is that possible if the kernel is too old for it?

no idea about /usr/port/emulators/linux_base-8 which that article talks about, its not in my ports tree. but you can use linux_base-f7 if you set compat.linux.osrelease=2.6.16 however its still a work in progress and wont always work as intended, for example it works fine on my laptop

```
{root@prawn}#pkg_info -Ix linux_base
linux_base-f7-7 Base set of packages needed in Linux mode (for
i386/amd64)
{root@prawn}#sysctl compat.linux.osrelease
compat.linux.osrelease: 2.6.16
```

and I can use acrobat and other linux binaries, however my desktop at home would not start acrobat reader using compat.linux.osrelease=2.6.16 and linux_base-f7-7, and I had to go back to linux_base-fc-4_10 and compat.linux.osrelease: 2.4.2.

Vince

Steve

On Feb 8, 2008 9:42 AM, Vince Hoffman <jhary@xxxxxxxxxxxx> wrote:

Steve Franks wrote:

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```
[steve@fyre /usr/ports/emulators/linux_base-f7]$ sudo make
install clean
==> linux_base-f7-7 compat.linux.osrelease: 2.4.2 is not
supported.
*** Error code 1
```

Stop in /usr/ports/emulators/linux_base-f7.

???

There's work in progress to update the binary compatibility.
<http://wiki.freebsd.org/linux-kernel>

I would imagine the linux_base-f7 is useful for testing.

Vince

Thanks,
Steve

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