

# Re: broken linuxulator in -current as of Jan 8 17:51:45 CET

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2007-01/msg00163.html>

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  - *Date:* Mon, 8 Jan 2007 21:15:59 +0100
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I dont have anything like that set... it looks like a bug in kernel/linux\_base because the trace looks like:

```
Jan 8 18:57:59 witten kernel: linux(1582): open(/lib/tls/librt.so.1, 0x0, 0x0)
Jan 8 18:57:59 witten kernel: linux(1582): open returns error 2
```

```
% errno 2
ENOENT 2 /* No such file or directory */
```

Right, does not exist.

```
Jan 8 18:57:59 witten kernel: linux(1582): open(/compat/linux/lib/librt.so.1,
0x0, 0x0)
Jan 8 18:57:59 witten kernel: linux(1582): open returns error 0
```

This is a link to librt-2.3.6.so.

```
Jan 8 18:57:59 witten kernel: linux(1582): open(/usr/lib/tls/librt.so.1, 0x0,
0x0)
Jan 8 18:57:59 witten kernel: linux(1582): open returns error 2
```

Right, does not exist.

```
Jan 8 18:57:59 witten kernel: linux(1582): open(/usr/lib/librt.so.1, 0x0, 0x0)
Jan 8 18:57:59 witten kernel: linux(1582): open returns error 0
```

Does not exist in /comapt/linux (linux one) but in / (FreeBSD one).

1) the open trace shows REAL path ie. after possible prefixing with /compat/linux

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2) the problem is not in existence/nonexistence of the libs, the problem is that when it opens the right library it doesn't use it and keeps searching!

Jan 8 18:57:59 witten kernel: linux(1582): exit\_group(127)

ie. it opens the right library but IGNORES it and then iterates through the rest and then stops on fbsd library saying that it's not compatible...

This may not be a new bug in the kernel. We know that we have problems when a FreeBSD lib has the same name and version as the linux one. It may be the case that the introduction of a new linux syscall changes the behavior of some linu