

## Re: Pthreads signals

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- *From:* [steve@xxxxxxxx](mailto:steve@xxxxxxxx) (Steve Watt)
  - *Date:* Wed, 28 Mar 2007 15:00:24 -0700
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In <Pine.GSO.4.64.0703281615540.14519@xxxxxxxxxxxxxxxx>, Daniel Eischen <deischen@xxxxxxxx> wrote:

On Wed, 28 Mar 2007, Peter Holmes wrote:

How do signals work with pthreads in FreeBSD. How are process signals delivered?

The best explanation of signals and threads in general is in the POSIX spec, or Butenhof's book.

[http://www.opengroup.org/onlinepubs/009695399/functions/xsh\\_chap02\\_04.html](http://www.opengroup.org/onlinepubs/009695399/functions/xsh_chap02_04.html)

I suspect the question was rather more specific than that, due to bad experiences with LinuxThreads. Does FreeBSD have a proper signal delivery model, where thread masks are per-signal, and signals sent to the process when all threads within the process have the signal blocked remain pending against the process so any thread may accept the signal using `sigwait()/sigtimedwait()/sigwaitinfo()`.

I suspect the answer is yes, but I haven't played with threads on recent versions enough.

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Steve Watt KD6GGD PP-ASEL-IA ICBM: 121W 56' 57.5" / 37N 20' 15.3"  
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Free time? There's no such thing. It just comes in varying prices...

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