

Re: scheduler (sched_4bsd) questions

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From: John Baldwin (jhb_at_FreeBSD.org)

Date: 09/18/04

To: freebsd-arch@FreeBSD.org

Date: Sat, 18 Sep 2004 16:53:35 -0400

On Saturday 18 September 2004 01:42 pm, Stephan Uphoff wrote:

> *On Fri, 2004-09-17 at 21:20, Julian Elischer wrote:*

>> *Stephan Uphoff wrote:*

>>> *If this is true kernel threads can be preempted while holding*

>>> *for example the root vnode lock (or other important kernel*

>>> *resources) while not getting a chance to run until there are no more*

>>> *user processes with better priority.*

>>

>> *This is also true, though it is a slightly more complicated thing than*

>> *that.*

>> *Preempting threads are usually interrupt threads and are thus usually*

>> *short lived,*

>

> *But interrupt threads often wake up other threads ...*

That are lower priority and thus won't be preempted to. Instead, they run when the interrupt thread goes back to sleep after it finishes.

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