

Re: 64bit ticks, was Re: Changing p\_swtime and td\_slptime to ticks

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- *From:* Garrett Wollman <[wollman@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:wollman@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 18 Sep 2007 21:43:19 -0400 (EDT)
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Jeff Roberson writes:

Is there a good reason for not making ticks 64bit? math involving this value is relatively infrequent. Bruce? Any comments? It'd sure let us forget all of these counter wrapping problems.

Making ticks 64 bits on 32-bit architectures means that updates to it will not be atomic.

-GAWollman

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Garrett A. Wollman | The real tragedy of human existence is not that we are  
wollman@xxxxxxxxxxxxx| nasty by nature, but that a cruel structural asymmetry  
Opinions not those | grants to rare events of meanness such power to shape  
of MIT or CSAIL. | our history. – S.J. Gould, Ten Thousand Acts of Kindness

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