

Re: /dev/shm

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2003-07/0311.html>

From: Harti Brandt (brandt_at_fokus.fraunhofer.de)

Date: 07/07/03

Date: Mon, 7 Jul 2003 17:46:23 +0200 (CEST)
To: Dan Nelson <dnelson@allantgroup.com>

Hi,

I'm not sure, whether this mailing list is the correct place for linux-centered discussions. Perhaps you want to continue via private mail?

Regards,
harti

On Mon, 7 Jul 2003, Dan Nelson wrote:

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DN>In the last episode (Jul 07), Matthias Andree said:
DN>> Marcin Dalecki schrieb am 2003-07-07:
DN>>> Matthias Andree wrote:
DN>>>> Update your Linux top or run fewer processes on it then. :->
DN>>>>
DN>>>> You know that file system name lookup is one of the most expensive
DN>>>> system calls under UNIX?
DN>>>
DN>>> So what? If you don't like the interface because it does ever so
DN>>> expensive file system lookups (I wonder what's so expensive if no
DN>>> disk drive latencies are involved), suggest a better one and donate
DN>>> an implementation.
DN>>>
DN>>> I'm sure I'd find disadvantages of non-Linux top if I only cared to
DN>>> look. I don't. It works when I need it, it's not in my way otherwise,
DN>>> that's as much as I care.
DN>>
DN>There is already a functional non-procfs implementation that has been
DN>around long before procfs top: groupsys top 3.5b12 (i.e. the top that
DN>all other non-Linux systems use) compiles fine on even the newest Linux
DN>kernels with the attached patch. It's one of the first things I build
DN>on a new Linux box. Procfs top is way too slow; it takes a full 5
DN>seconds just for the first screen refresh on a mostly-idle box with 400
DN>processes. groupsys top is basically instantaneous. And don't think
DN>about accidentally hitting a cursor or function key which running
DN>procfs top; it doesn't even use curses, so it beeps and waits 2 seconds
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DN>for each character in the escape sequence :)

DN>

DN>

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harti brandt,

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