Subject: Re: [PATCH 0/59] Cleanup sysctl Posted by hpa on Tue, 16 Jan 2007 16:53:19 GMT

View Forum Message <> Reply to Message

## Eric W. Biederman wrote:

>

- > Removal of sys\_sysctl support where people had used conflicting sysctl
- > numbers. Trying to break glibc or other applications by changing the
- > ABI is not cool. 9 instances of this in the kernel seems a little
- > extreme.

>

It would be highly advantageous if we could have a file that acts as a central registry of architectural sysctl numbers \*and have the numbers in the kernel derived from there\*. As I've said before, I don't really think sys\_sysctl is any worse than ad hoc system calls (sys\_mips and the like), but the real problem is that there are architectural and non-archtectural numbers, and they're mixed in all over the place.

I think it would be fair to say that if they're not in linux/sysctl.h> they're not architectural, but that doesn't resolve the counterpositive (are there sysctls in linux/sysctl.h> which aren't architectural? From the looks of it, I would say yes.) Non-architectural sysctl numbers should not be exported to userspace, and should eventually be rejected by sys\_sysctl.

-hpa

Containers mailing list Containers@lists.osdl.org

https://lists.osdl.org/mailman/listinfo/containers