

## Re: RFC: Stack saving/tracing functionality.

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2005-06/0088.html>

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**From:** Poul-Henning Kamp (*phk\_at\_phk.freebsd.dk*)

**Date:** 06/13/05

To: Bakul Shah <bakul@BitBlocks.com>  
Date: Mon, 13 Jun 2005 10:16:10 +0200

In message <200506111546.j5BFkToq011515@gate.bitblocks.com>, Bakul Shah writes:

>> ... *but it would be neat if it could also save/print userland stacks*  
>> *so that we could get tracebacks from abort()'ing userland programs.*  
>  
>*Along these lines; wouldn't it be neat if there was a sysctl*  
>*to leave a segfaulted or aborted process around so that you*  
>*can attach a debugger to it and find out what went wrong (and*  
>*may be even correct it!)? Debugging a live process (even if*  
>*fatally injured) yields more clues as you can poke around at*  
>*its I/O connections, its caller process etc. A separate*  
>*program can be used to create a coredump if you really wish*  
>*to preseve the dead body for later autopsy.*

Ideally a coredump should include anything sockstat and fstat can tell you about the process.

/me longs for the MVS dumps level of details...

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Poul-Henning Kamp           | UNIX since Zilog Zeus 3.20  
phk@FreeBSD.ORG            | TCP/IP since RFC 956  
FreeBSD committer          | BSD since 4.3-tahoe  
Never attribute to malice what can adequately be explained by incompetence.

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