

Re: Propose for Several Dump types

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2004-12/0072.html>

From: Poul-Henning Kamp (phk_at_phk.freebsd.dk)

Date: 12/15/04

To: Jun Su <csujun@gmail.com>

Date: Wed, 15 Dec 2004 08:51:21 +0100

In message <cd4370cf04121417446c96319f@mail.gmail.com>, Jun Su writes:

>On Tue, 14 Dec 2004 08:48:44 +0100, Poul-Henning Kamp

><phk@phk.freebsd.dk> wrote:

>> In message <cd4370cf04121323433255da9d@mail.gmail.com>, Jun Su writes:

>>

>> >MiniDump

>> >=====

>> >In a minidump, Register info, plus the crash stack is enough.

>>

>> Make it an EVENTHANDLER() and dump it in ascii format.

> ^^^^^^^^^^^

>Don't think the ascii format is a good choose. We can only dump the

>information like the ones we can get in the KDB. My propose is storing

>the pages that the stack point is in. Then we can get more useful

>stack in the userland with the kernel file and kernel symbol.

An ascii format summary is a great format because people can email us it without knowing anything else. We could in fact make it a /etc/rc.conf tunable: "send_panic_reports=YES" and we would receive it in email whenever a crash occurred.

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Poul-Henning Kamp

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FreeBSD committer

| UNIX since Zilog Zeus 3.20

| TCP/IP since RFC 956

| BSD since 4.3-tahoe

Never attribute to malice what can adequately be explained by incompetence.

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