

Re: Propose for Several Dump types

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2004-12/0074.html>

From: Jun Su (csujun_at_gmail.com)

Date: 12/15/04

Date: Wed, 15 Dec 2004 16:36:53 +0800
To: Poul-Henning Kamp <phk@phk.freebsd.dk>

On Wed, 15 Dec 2004 08:51:21 +0100, Poul-Henning Kamp

<phk@phk.freebsd.dk> wrote:

> 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.

We can also create an automation system to collect these information.

When the number of crash in same function reaches a thorehold, it will

send a report to a ML. :-) Sounds your idea is interesting.

Anyway, I still think ascii format dump can not replace the minidump.

Minidump can provide more information.

>

> --

> 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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-- Jun Su

freebsd-arch: Re: Propose for Several Dump types

freebsd-arch@freebsd.org mailing list

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