

## Re: Propose for Several Dump types

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2004-12/0071.html>

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**From:** Jun Su ([csujun\\_at\\_gmail.com](mailto:csujun_at_gmail.com))

**Date:** 12/15/04

Date: Wed, 15 Dec 2004 09:44:08 +0800  
To: Poul-Henning Kamp <[phk@phk.freebsd.dk](mailto:phk@phk.freebsd.dk)>

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

<[phk@phk.freebsd.dk](mailto:phk@phk.freebsd.dk)> wrote:

> *In message <[cd4370cf04121323433255da9d@mail.gmail.com](mailto: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.

>

> *> That way any kernel subsystem can hook in a function and dump*

> *> potentially relevant 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

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