

freebsd-arch: Re: Kernel Dump

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From: David O'Brien (obrien_at_freebsd.org)

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Date: Thu, 23 Jun 2005 06:53:37 -0700

To: Peter Wemm <peter@wemm.org>

On Wed, Jun 22, 2005 at 11:23:25PM -0700, Peter Wemm wrote:

> IA64 and Sparc systems usually had sparse memory configurations and the
> old raw format didn't have any facility to avoid storing holes.

..

> I've just rewritten the AMD64 crashdump support to use ELF like ia64.
> In fact, I reused most of the ia64 code. We ran into serious problems
> at work, first on the amd64 platform and now also the i386 platform.
> The problem is that x86 machines are increasinly having memory holes.
> The simplistic dump code has no way to skip the memory hole and tries
> to dump things like the AGP frame buffer, pci card MMIO space,
> PCI-Express configuration space (this means accessing hardware!!) and
> so on.

Hi Peter,

This is great news! I'm really happy to see this work. Will we be able to switch to this for 6.0R?

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-- David (obrien@FreeBSD.org)

freebsd-arch@freebsd.org mailing list

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