

Re: headsup: swap_pager.c

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2003-08/0014.html>

From: David Schultz (das_at_freebsd.org)

Date: 08/01/03

Date: Fri, 1 Aug 2003 09:51:50 -0700
To: Poul-Henning Kamp <phk@phk.freebsd.dk>

On Fri, Aug 01, 2003, Poul-Henning Kamp wrote:

> In message <20030801083628.GB56492@skywalker.creative.net.au>, Adrian Chadd writes:
> tes:

> > On Fri, Aug 01, 2003, Poul-Henning Kamp wrote:

> >

> > > Can you please describe how the interface between ccd(4) and the

> > > swap subsystem will work? I like this idea, but it isn't

> > > immediately obvious how you plan to implement striping based on

> > > load and dynamic addition and removal of swap space.

> > >

> > > ccdconfig -c ccd0 128 0 /dev/da0b /dev/da1b /dev/da2b

> > > swapon /dev/ccd0

> > >

> > .. and if I want to add another swap device, will that work?

> >

> > Yes, but it will of course not be striped with the rest, it will

> > be laid out sequentially.

> >

> > And as a side effect you will not run into the NSWAP=4 limitation

> > any more.

Aah, okay. That's both a small improvement and a small regression in one. The point of the static striping was to allow you to add swap devices and have them be automatically interleaved, so of course you can "fix" its limitations by removing it completely.

I was kinda hoping you had a more flexible (albeit complex) plan in mind that would allow swap space to be striped on the fly based on disk load, free space on each disk, etc.

freebsd-arch@freebsd.org mailing list

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