

## Re: fdesc allocation optimization

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2005-08/0189.html>

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**From:** Poul-Henning Kamp (*phk\_at\_phk.freebsd.dk*)

**Date:** 08/22/05

To: Andre Oppermann <andre@freebsd.org>

Date: Mon, 22 Aug 2005 12:58:59 +0200

In message <4309AE1E.8FCC9E1E@freebsd.org>, Andre Oppermann writes:

>Alexey Dokuchaev wrote:

>>

>> hi there,

>>

>> i've been browsing some of dfbsd resources recently, and found this one

>> being pretty interesting:

>>

>> <http://leaf.dragonflybsd.org/maillarchive/commits/2005-06/msg00526.html>

>>

>> however, it seemingly did not get attention in our lists. so i am

>> wondering if there are work/plans on porting hsu@'s work? i remember

>> that at some point we adopted some openbsd-derived algorithm, but since

>> matt states that this is "far better algorithm then anything we or

>> freebsd thought up before", i figured it worth a look.

>

>Looks certainly good. Why don't you go ahead and port it over?

It might be worth trying the alloc\_unr() code first, it allocates in

O(1) time but takes the hit when freeing.

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Poul-Henning Kamp

| UNIX since Zilog Zeus 3.20

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

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