

Re: Lockless uidinfo.

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- *From:* Alfred Perlstein <alfred@xxxxxxxxxxxx>
 - *Date:* Sat, 18 Aug 2007 08:50:41 -0700
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* Pawel Jakub Dawidek <pjd@xxxxxxxxxxxx> [070818 07:59] wrote:

On Sat, Aug 18, 2007 at 07:23:37AM -0700, Alfred Perlstein wrote:

* Pawel Jakub Dawidek <pjd@xxxxxxxxxxxx> [070818 05:31] wrote:

Hi.

The patch below remove per-uidinfo locks:

http://people.freebsd.org/~pjd/patches/uidinfo_lockless_patch

In uifree() is it ok to manually check the refcount for 0?

I'm gussing the hashmtx is used as a barrier?

Yes, to lookup uidinfo you need to hold uihashtbl_mtx mutex, so once you hold it and ui_ref is 0, noone will be able to reference it, because it has to wait to look it up.

And the field doesn't need to be volatile to prevent cached/opportunistic reads?

—
– Alfred Perlstein

freebsd-arch@xxxxxxxxxxxx mailing list

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