

[PATCH] vmalloc might sleep

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-08/8196.html>

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Date: 08/31/03

Date: Sun, 31 Aug 2003 04:06:43 +0100
To: Andrew Morton <akpm@osdl.org>

So let's whack people upside the head when they misuse it.

vmalloc-might-sleep.diff:

Index: mm/vmalloc.c

=====
RCS file: /var/cvs/linux-2.6/mm/vmalloc.c,v

retrieving revision 1.2

diff -u -p -r1.2 vmalloc.c

--- a/mm/vmalloc.c 23 Aug 2003 02:47:26 -0000 1.2

+++ b/mm/vmalloc.c 31 Aug 2003 03:04:25 -0000

@@ -438,7 +438,8 @@ fail:

*/

void *vmalloc(unsigned long size)

{

- return __vmalloc(size, GFP_KERNEL | __GFP_HIGHMEM, PAGE_KERNEL);

+ might_sleep();

+ return __vmalloc(size, GFP_KERNEL | __GFP_HIGHMEM, PAGE_KERNEL);

}

/**

@@ -451,6 +452,7 @@ void *vmalloc(unsigned long size)

*/

void *vmalloc_32(unsigned long size)

{

+ might_sleep();

return __vmalloc(size, GFP_KERNEL, PAGE_KERNEL);

}

--

"It's not Hollywood. War is real, war is primarily not about defeat or victory, it is about death. I've seen thousands and thousands of dead bodies. Do you think I want to have an academic debate on this subject?" -- Robert Fisk

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