
Subject: Re: [PATCH 3/20] Introduce MS_KERNMOUNT flag
Posted by [Pavel Emelianov](#) on Mon, 13 Aug 2007 07:12:06 GMT
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Christoph Hellwig wrote:

> On Fri, Aug 10, 2007 at 03:47:55PM +0400, xemul@openvz.org wrote:

>> This flag tells the .get_sb callback that this is a kern_mount() call

>> so that it can trust *data pointer to be valid in-kernel one. If this

>> flag is passed from the user process, it is cleared since the *data

>> pointer is not a valid kernel object.

>>

>> Running a few steps forward - this will be needed for proc to create the

>> superblock and store a valid pid namespace on it during the namespace

>> creation. The reason, why the namespace cannot live without proc mount

>> is described in the appropriate patch.

>

> I don't like this at all. We should never pass kernel and userspace

> addresses through the same pointer. Maybe add an additional argument

> to the get_sb prototype instead. But this whole idea of mounting /proc

> from kernelspace sounds like a really bad idea to me. /proc should

> never be mounted from the kernel but always normally from userspace.

Why then is it mounted in proc_root_init()?

Thanks,
Pavel
