Subject: Re: [PATCH] diskquota: 32bit quota tools on 64bit architectures Posted by Arnd Bergmann on Wed, 25 Oct 2006 11:03:48 GMT

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On Wednesday 25 October 2006 12:03, Vasily Tarasov wrote:
> + * This code works only for 32 bit quota tools over 64 bit OS (x86_64, ia64)
> + * and is necessary due to alignment problems.
> +struct compat_if_dqblk {
> +};
> +/* XFS structures */
> +struct compat fs gfilestat {
> +};
> +
The patch looks technically correct, but you have defined the structures
in a somewhat unusual way. I'd have defined them with
attribute((packed, aligned(4))) in the end.
Or even better, we should probably add a
typedef unsigned long long __attribute__((aligned(4))) compat_u64;
for x86 compat and use that instead of compat_uint_t foo[2].
Arnd <><
```