

Re: [RFC][PATCH] byteorder: introduce le32\_add\_cpu & friends to core

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2007-12/msg09812.html>

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  - *Date:* Mon, 31 Dec 2007 11:38:01 -0800
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On Sun, Dec 30, 2007 at 08:06:34PM +0100, Marcin Slusarz wrote:

There are many places where these functions would be useful.  
(just look at: `grep -r 'cpu_to_[ble12346]*([ble12346]*_to_cpu.*[-+]' linux-src/)`  
What do you think?

ps: this patch depends on <http://lkml.org/lkml/2007/12/25/35>

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add inline functions which add native byte order variable to  
little/big endian variable to core header and as an example  
convert ext3 to use them

You might want to note where you got these functions from in your message.

Also, it would be easier to follow these changes if you had broken things up  
into two patches – one which moved stuff from ocfs2 into generic helpers and  
a 2nd one to convert ext3.

Looking into my crystal ball, I see a bunch of "convert to using byteorder  
math macros" patches coming down the pipe. Since we're talking about disk  
fields where a mistake could be costly, I suggest that any patch more than a  
couple of lines should be tested by the submitter with sparse. A statement  
that sparse didn't produce any new warnings (with the patch applied) could  
be included in the description.

--Mark

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