

## Re: Page alignment issue

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- *From:* Aubrey <[aubreylee@xxxxxxxx](mailto:aubreylee@xxxxxxxx)>
  - *Date:* Thu, 28 Dec 2006 11:49:37 +0800
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On 12/27/06, Aubrey <[aubreylee@xxxxxxxx](mailto:aubreylee@xxxxxxxx)> wrote:

As for the buddy system, much of docs mention the physical address of the first page frame of a block should be a multiple of the group size. For example, the initial address of a 16-page-frame block should be 16-page aligned. I happened to encountered an issue that the physical addresss pf the block is not 4-page aligned(0x36c9000) while the order of the block is 2. I want to know what out of buddy algorithm depend on this feature? My problem seems to happen in schedule()->context\_switch() call, but so far I didn't figure out the root cause.

It seems nothing depend on this feature. the problem you encountered is the kernel task stack should be 2-page aligned.

-Aubrey

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