

# Re: [RFC][PATCH 2/3] swsusp: Do not use page flags

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2007-03/msg04976.html>

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- *From:* Pavel Machek <pavel@xxxxxx>
  - *Date:* Mon, 12 Mar 2007 10:03:35 +0100
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Hi!

Make swsusp use memory bitmaps instead of page flags for marking 'nosave' and free pages. This allows us to 'recycle' two page flags that can be used for other purposes. Also, the memory needed to store the bitmaps is allocated when necessary (ie. before the suspend) and freed after the resume which is more reasonable.

The patch is designed to minimize the amount of changes and there are some nice simplifications and optimizations possible on top of it. I am going to implement them separately in the future.

Signed-off-by: Rafael J. Wysocki <rjw@xxxxxxx>

Looks ok, but needs to stay in -mm for a while. ACK.

Pavel

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(english) <http://www.livejournal.com/~pavelmachek>

(cesky, pictures) <http://atrey.karlin.mff.cuni.cz/~pavel/picture/horses/blog.html>

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