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Subject: [PATCH -mmotm] res\_counter: fix building failure

Posted by [Li Zefan](#) on Wed, 02 Jul 2008 06:16:29 GMT

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kernel/res\_counter.c: In function 'res\_counter\_memparse\_write\_strategy':  
kernel/res\_counter.c:115: error: implicit declaration of function 'PAGE\_ALIGN'

Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>

---

should follow cgroup-files-convert-res\_counter\_write-to-be-a-cgroups-write\_string-handler.patch

--- linux-mm/kernel/res\_counter.c.bak 2008-07-02 14:05:37.000000000 +0800

+++ linux-mm/kernel/res\_counter.c 2008-07-02 14:07:36.000000000 +0800

@@ -13,6 +13,7 @@

#include <linux/slab.h>

#include <linux/res\_counter.h>

#include <linux/uaccess.h>

+#include <linux/mm.h>

void res\_counter\_init(struct res\_counter \*counter)  
{

---

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>

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Subject: Re: [PATCH -mmotm] res\_counter: fix building failure

Posted by [Paul Menage](#) on Wed, 02 Jul 2008 06:45:15 GMT

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On Tue, Jul 1, 2008 at 11:16 PM, Li Zefan <lizf@cn.fujitsu.com> wrote:

> kernel/res\_counter.c: In function 'res\_counter\_memparse\_write\_strategy':

> kernel/res\_counter.c:115: error: implicit declaration of function 'PAGE\_ALIGN'

>

> Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>

Acked-by: Paul Menage <menage@google.com>

Thanks - what architecture did it break on?

Paul

> ---

>

> should follow cgroup-files-convert-res\_counter\_write-to-be-a-cgroups-write\_string-handler.patch

>

```
> --- linux-mm/kernel/res_counter.c.bak 2008-07-02 14:05:37.000000000 +0800
> +++ linux-mm/kernel/res_counter.c 2008-07-02 14:07:36.000000000 +0800
> @@ -13,6 +13,7 @@
> #include <linux/slab.h>
> #include <linux/res_counter.h>
> #include <linux/uaccess.h>
> +#include <linux/mm.h>
>
> void res_counter_init(struct res_counter *counter)
> {
>
```

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Subject: Re: [PATCH -mmotm] res\_counter: fix building failure  
Posted by [Li Zefan](#) on Wed, 02 Jul 2008 06:49:49 GMT  
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Paul Menage wrote:

```
> On Tue, Jul 1, 2008 at 11:16 PM, Li Zefan <lizf@cn.fujitsu.com> wrote:
>> kernel/res_counter.c: In function 'res_counter_memparse_write_strategy':
>> kernel/res_counter.c:115: error: implicit declaration of function 'PAGE_ALIGN'
>>
>> Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>
>
> Acked-by: Paul Menage <menage@google.com>
>
> Thanks - what architecture did it break on?
>
```

On my x86\_32.

I guess this break has something to do with:

<http://marc.info/?l=linux-mm&m=121389282702302&w=2>  
([PATCH -mm] PAGE\_ALIGN(): correctly handle 64-bit values on 32-bit)

You tested the patch before that patch was accepted by Andrew.

```
> Paul
>
>> ---
>>
>> should follow
cgroup-files-convert-res_counter_write-to-be-a-cgroups-write_string-handler.patch
```

```
>>
>> --- linux-mm/kernel/res_counter.c.bak 2008-07-02 14:05:37.000000000 +0800
>> +++ linux-mm/kernel/res_counter.c      2008-07-02 14:07:36.000000000 +0800
>> @@ -13,6 +13,7 @@
>> #include <linux/slab.h>
>> #include <linux/res_counter.h>
>> #include <linux/uaccess.h>
>> +#include <linux/mm.h>
>>
>> void res_counter_init(struct res_counter *counter)
>> {
>>
>
>
```

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Subject: Re: [PATCH -mmotm] res\_counter: fix building failure  
Posted by [Balbir Singh](#) on Thu, 03 Jul 2008 09:09:47 GMT  
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Li Zefan wrote:

> Paul Menage wrote:

>> On Tue, Jul 1, 2008 at 11:16 PM, Li Zefan <lizf@cn.fujitsu.com> wrote:

>>> kernel/res\_counter.c: In function 'res\_counter\_memparse\_write\_strategy':

>>> kernel/res\_counter.c:115: error: implicit declaration of function 'PAGE\_ALIGN'

>>>

>>> Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>

>> Acked-by: Paul Menage <menage@google.com>

>>

>> Thanks - what architecture did it break on?

Acked-by: Balbir Singh <balbir@linux.vnet.ibm.com>

CC'ing Andre as well

--

Warm Regards,  
Balbir Singh  
Linux Technology Center  
IBM, ISTL

---

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Containers@lists.linux-foundation.org

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Subject: Re: [PATCH -mmotm] res\_counter: fix building failure

Posted by [Andrea Righi](#) on Thu, 03 Jul 2008 10:17:24 GMT

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Li Zefan wrote:

> Paul Menage wrote:

>> On Tue, Jul 1, 2008 at 11:16 PM, Li Zefan <lizf@cn.fujitsu.com> wrote:

>>> kernel/res\_counter.c: In function 'res\_counter\_memparse\_write\_strategy':

>>> kernel/res\_counter.c:115: error: implicit declaration of function 'PAGE\_ALIGN'

>>>

>>> Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>

>> Acked-by: Paul Menage <menage@google.com>

>>

>> Thanks - what architecture did it break on?

>>

>

> On my x86\_32.

>

> I guess this break has something to do with:

>

> <http://marc.info/?l=linux-mm&m=121389282702302&w=2>

> ([PATCH -mm] PAGE\_ALIGN(): correctly handle 64-bit values on 32-bit)

Exactly, your fix sounds good to me. Thanks.

-Andrea

>

> You tested the patch before that patch was accepted by Andrew.

>

>> Paul

>>

>>> ---

>>>

>>> should follow

cgroup-files-convert-res\_counter\_write-to-be-a-cgroups-write\_string-handler.patch

>>>

>>> --- linux-mm/kernel/res\_counter.c.bak 2008-07-02 14:05:37.000000000 +0800

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>>> @@ -13,6 +13,7 @@

>>> #include <linux/slab.h>

>>> #include <linux/res\_counter.h>

>>> #include <linux/uaccess.h>

>>> +#include <linux/mm.h>

>>>

```
>>> void res_counter_init(struct res_counter *counter)
>>> {
>>>
```

---

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