
Subject: Re: [PATCH 2/2] move unneeded data to initdata section
Posted by [ebiederm](#) on Thu, 15 Nov 2007 18:19:26 GMT
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Sam Ravnborg <sam@ravnborg.org> writes:

> On Thu, Nov 15, 2007 at 05:42:04PM +0300, Denis V. Lunev wrote:
>>
>> nothing is discarded after module load. Though, I can be wrong. Could
>> you point me to the exact place?
> If __initdata is not discarded after module load then we should do it.
> There is no reason to waste __initdata RAM when the module is loaded.

Down at the bottom of sys_init_module we have:

```
/* Drop initial reference. */  
module_put(mod);  
unwind_remove_table(mod->unwind_info, 1);  
  
module_free(mod, mod->module_init);  
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^  
mod->module_init = NULL;  
mod->init_size = 0;  
mod->init_text_size = 0;  
mutex_unlock(&module_mutex);  
  
return 0;
```

Which frees the memory for the .init sections.

Eric

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