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Subject: [RFC][PATCH v2 3/7] Defining the slab\_memory\_callback priority as a constant

Posted by [Nadia Derbey](#) on Thu, 31 Jan 2008 13:40:21 GMT

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[PATCH 03/07]

This is a trivial patch that defines the priority of slab\_memory\_callback in the callback chain as a constant.

This is to prepare for next patch in the series.

Signed-off-by: Nadia Derbey <[Nadia.Derbey@bull.net](mailto:Nadia.Derbey@bull.net)>

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```
include/linux/memory.h |  6 ++++++
mm/slub.c           |  2 ++
2 files changed, 7 insertions(+), 1 deletion(-)
```

Index: linux-2.6.24/include/linux/memory.h

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```
--- linux-2.6.24.orig/include/linux/memory.h 2008-01-29 16:54:38.000000000 +0100
```

```
+++ linux-2.6.24/include/linux/memory.h 2008-01-31 10:30:37.000000000 +0100
```

```
@@ -54,6 +54,12 @@ struct memory_notify {
    struct notifier_block;
    struct mem_section;
```

```
+/*
+ * Priorities for the hotplug memory callback routines (stored in decreasing
+ * order in the callback chain)
+ */
```

```
+#define SLAB_CALLBACK_PRI     1
+
```

```
#ifndef CONFIG_MEMORY_HOTPLUG_SPARSE
static inline int memory_dev_init(void)
{
```

Index: linux-2.6.24/mm/slub.c

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```
--- linux-2.6.24.orig/mm/slub.c 2008-01-29 16:54:49.000000000 +0100
```

```
+++ linux-2.6.24/mm/slub.c 2008-01-31 10:31:34.000000000 +0100
```

```
@@ -2816,7 +2816,7 @@ void __init kmem_cache_init(void)
    kmalloc_caches[0].refcount = -1;
    caches++;
```

```
- hotplug_memory_notifier(slab_memory_callback, 1);
+ hotplug_memory_notifier(slab_memory_callback, SLAB_CALLBACK_PRI);
#endif
```

/\* Able to allocate the per node structures \*/

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