
Subject: [PATCH 3/4] provide a function to register more cftype files into memcg
Posted by [Glauber Costa](#) on Tue, 20 Mar 2012 16:50:55 GMT

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The function `mem_cgroup_register_cftype()` is provided here, so an optional memcg subsystem that needs to register files at a time later than memcg initialization can do it.

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```
include/linux/memcontrol.h | 1 +
mm/memcontrol.c           | 6 ++++++
2 files changed, 7 insertions(+), 0 deletions(-)
```

```
diff --git a/include/linux/memcontrol.h b/include/linux/memcontrol.h
```

```
index 4d34356..bcf8de3 100644
```

```
--- a/include/linux/memcontrol.h
```

```
+++ b/include/linux/memcontrol.h
```

```
@@ -141,6 +141,7 @@ static inline bool mem_cgroup_disabled(void)
    return false;
}
```

```
+int mem_cgroup_register_cftype(const struct cftype *cfts);
void mem_cgroup_update_page_stat(struct page *page,
    enum mem_cgroup_page_stat_item idx,
    int val);
```

```
diff --git a/mm/memcontrol.c b/mm/memcontrol.c
```

```
index f7c6727..bd91a46 100644
```

```
--- a/mm/memcontrol.c
```

```
+++ b/mm/memcontrol.c
```

```
@@ -444,6 +444,12 @@ struct cgroup_subsys_state *mem_cgroup_css(struct mem_cgroup
*memcg)
    return &memcg->css;
}
```

```
+int mem_cgroup_register_cftype(const struct cftype *cfts)
```

```
+{
```

```
+ return WARN_ON(cgroup_add_cftypes(&mem_cgroup_subsys, cfts));
```

```
+}
```

```
+EXPORT_SYMBOL(mem_cgroup_register_cftype);
```

```
+
```

```
static struct mem_cgroup_per_zone *
```

```
page_cgroup_zoneinfo(struct mem_cgroup *memcg, struct page *page)
```

```
{
```

```
--
```

```
1.7.7.6
```
