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
```