Subject: [RFC][patch 6/12][CFQ-cgroup] Add cfq optional operation framework
Posted by Satoshi UCHIDA on Thu, 03 Apr 2008 07:14:39 GMT
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This patch creates a cfq optional operations framework.
This framework defines specific functions for expanding CFQ.

Signed-off-by: Satoshi UCHIDA <uchida@ap.jp.nec.com>

---
block/cfq-cgroup.c | 4 ++++
block/cfq-iosched.c | 5 +++++
include/linux/cfq-iosched.h | 6 ++++++
3 files changed, 15 insertions(+), 0 deletions(-)

```
diff --git a/block/cfq-cgroup.c b/block/cfq-cgroup.c
index 378a23d..bcb55c8 100644
--- a/block/cfq-cgroup.c
+++ b/block/cfq-cgroup.c
@@ -151,3 +151,7 @@ struct cgroup_subsys cfq_subsys = {
  .subsys_id = cfq_subsys_id,
  .populate = cfq_cgroup_populate,
 };
+
+
+struct cfq_ops opt = {
+};
diff --git a/block/cfq-iosched.c b/block/cfq-iosched.c
index aaf5d7e..245c252 100644
--- a/block/cfq-iosched.c
+++ b/block/cfq-iosched.c
@@ -2233,6 +2233,11 @@ static void __exit cfq_exit(void)
 module_init(cfq_init);
 module_exit(cfq_exit);

+#ifndef CONFIG_CGROUP_CFQ
+struct cfq_ops opt = {
+};
+#endif
+
 MODULE_AUTHOR("Jens Axboe");
 MODULE_LICENSE("GPL");
 MODULE_DESCRIPTION("Completely Fair Queueing IO scheduler");
diff --git a/include/linux/cfq-iosched.h b/include/linux/cfq-iosched.h
index 035bfc4..9287da1 100644
--- a/include/linux/cfq-iosched.h
+++ b/include/linux/cfq-iosched.h
@@ -87,4 +87,10 @@ static inline struct request_queue * __cfq_container_of_queue(struct
```

```
work_struct
  return cfqd->cfq_driv_d.queue;
 };

+struct cfq_ops
+{
+};
+
+extern struct cfq_ops opt;
+
 #endif  /* _LINUX_CFQ_IOSCHED_H */
--
1.5.4.1
```

_____
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