
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.

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```
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
```

Containers mailing list
Containers@lists.linux-foundation.org
<https://lists.linux-foundation.org/mailman/listinfo/containers>
