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New cgroup subsystem is called `cfg` cgroup.

+

```

+
+static inline struct cfq_cgroup *cgroup_to_cfq_cgroup(struct cgroup *cont)
+{
+ return container_of(cgroup_subsys_state(cont, cfq_cgroup_subsys_id),
+   struct cfq_cgroup, css);
+}
+
+static struct cgroup_subsys_state *
+cfq_cgroup_create(struct cgroup_subsys *ss, struct cgroup *cont)
+{
+ struct cfq_cgroup *cfqc;
+
+ if (!capable(CAP_SYS_ADMIN))
+   return ERR_PTR(-EPERM);
+
+ if (!cgroup_is_descendant(cont))
+   return ERR_PTR(-EPERM);
+
+ cfqc = kzalloc(sizeof(struct cfq_cgroup), GFP_KERNEL);
+ if (unlikely(!cfqc))
+   return ERR_PTR(-ENOMEM);
+
+ return &cfqc->css;
+}
+
+static void cfq_cgroup_destroy(struct cgroup_subsys *ss, struct cgroup *cont)
+{
+ kfree(cgroup_to_cfq_cgroup(cont));
+}
+
+struct cgroup_subsys cfq_cgroup_subsys = {
+ .name = "cfq_cgroup",
+ .create = cfq_cgroup_create,
+ .destroy = cfq_cgroup_destroy,
+ .subsys_id = cfq_cgroup_subsys_id,
+};
diff --git a/include/linux/cgroup_subsys.h b/include/linux/cgroup_subsys.h
index 1ddebfc..5d2e991 100644
--- a/include/linux/cgroup_subsys.h
+++ b/include/linux/cgroup_subsys.h
@@ -42,3 +42,9 @@ SUBSYS(mem_cgroup)
#endif

/* */
+
+#ifdef CONFIG_CGROUP_CFQ
+SUBSYS(cfq_cgroup)
+#endif

```

+

+/* */

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