Subject: Re: [PATCH v9 0/9] Request for inclusion: per-cgroup tcp memory pressure controls
Posted by Eric Dumazet on Tue, 13 Dec 2011 13:59:08 GMT
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Le mardi 13 décembre 2011 à 14:49 +0100, Christoph Paasch a écrit :

> now there are plenty of compiler-warnings when CONFIG_CGROUPS is not set:
>
> In file included from include/linux/tcp.h:211:0,
> from include/linux/ipv6.h:221,
> from include/net/ip_vs.h:23,
> from kernel/sysctl_binary.c:6:
> include/net/sock.h:67:57: warning: ‘struct cgroup_subsys’ declared
> inside parameter list [enabled by default]
> include/net/sock.h:67:57: warning: its scope is only this definition or
> declaration, which is probably not what you want [enabled by default]
> include/net/sock.h:67:57: warning: ‘struct cgroup’ declared inside
> parameter list [enabled by default]
> include/net/sock.h:68:61: warning: ‘struct cgroup_subsys’ declared
> inside parameter list [enabled by default]
> include/net/sock.h:68:61: warning: ‘struct cgroup’ declared inside
> parameter list [enabled by default]
>
>
> Because struct cgroup is only declared if CONFIG_CGROUPS is enabled.
> (cfr. linux/cgroup.h)
>

Yes, we probably need forward reference like this :

Thanks !

[PATCH net-next] net: fix build error if CONFIG_CGROUPS=n

Reported-by: Christoph Paasch <christoph.paasch@uclouvain.be>
Signed-off-by: Eric Dumazet <eric.dumazet@gmail.com>
---
include/net/sock.h | 2 ++
1 file changed, 2 insertions(+)

diff --git a/include/net/sock.h b/include/net/sock.h
index 18ecc99..6fe0dae 100644
--- a/include/net/sock.h
+++ b/include/net/sock.h
@@ -64,6 +64,8 @@
#include <net/dst.h>
#include <net/checksum.h>

```
+struct cgroup;
+struct cgroup_subsys;
 int mem_cgroup_sockets_init(struct cgroup *cgrp, struct cgroup_subsys *ss);
 void mem_cgroup_sockets_destroy(struct cgroup *cgrp, struct cgroup_subsys *ss);
 /*
```