
Subject: [PATCH v6 06/10] qlge driver: rename internal SEM_SET macro to SEM_INIT

Posted by [Stanislav Kinsbursky](#) on Mon, 15 Oct 2012 10:30:14 GMT

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The reason for shit patch is that SET_SET is desired to be a part of new part of API of IPC sys_semctl() system call.

The name itself for IPC is quite natural, because all linux-specific commands names for IPC system calls are originally created by replacing "IPC_" part by "SEM_"("MSG_", "SHM_") part.

So, I'm hoping, that this change doesn't really matters for "QLogic qlge NIC HBA Driver" developers, since it's just an internal define.

```
drivers/net/ethernet/qlogic/qlge/qlge.h    | 4 +---
drivers/net/ethernet/qlogic/qlge/qlge_main.c | 16 ++++++++-----
2 files changed, 10 insertions(+), 10 deletions(-)
```

```
diff --git a/drivers/net/ethernet/qlogic/qlge/qlge.h b/drivers/net/ethernet/qlogic/qlge/qlge.h
index a131d7b..6f46ea5 100644
```

```
--- a/drivers/net/ethernet/qlogic/qlge/qlge.h
```

```
+++ b/drivers/net/ethernet/qlogic/qlge/qlge.h
```

```
@@ -347,10 +347,10 @@ enum {
```

```
enum {
```

```
/*
```

```
 * Example:
```

```
- * reg = SEM_XGMAC0_MASK | (SEM_SET << SEM_XGMAC0_SHIFT)
```

```
+ * reg = SEM_XGMAC0_MASK | (SEM_INIT << SEM_XGMAC0_SHIFT)
```

```
*/
```

```
SEM_CLEAR = 0,
```

```
- SEM_SET = 1,
```

```
+ SEM_INIT = 1,
```

```
SEM_FORCE = 3,
```

```
SEM_XGMAC0_SHIFT = 0,
```

```
SEM_XGMAC1_SHIFT = 2,
```

```
diff --git a/drivers/net/ethernet/qlogic/qlge/qlge_main.c
```

```
b/drivers/net/ethernet/qlogic/qlge/qlge_main.c
```

```
index b262d61..cfb0f62 100644
```

```
--- a/drivers/net/ethernet/qlogic/qlge/qlge_main.c
```

```
+++ b/drivers/net/ethernet/qlogic/qlge/qlge_main.c
```

```
@@ -109,28 +109,28 @@ static int ql_sem_trylock(struct ql_adapter *qdev, u32 sem_mask)
```

```
switch (sem_mask) {
```

```
case SEM_XGMAC0_MASK:
```

```
- sem_bits = SEM_SET << SEM_XGMAC0_SHIFT;
```

```
+ sem_bits = SEM_INIT << SEM_XGMAC0_SHIFT;
```

```
break;
```

```
case SEM_XGMAC1_MASK:
```

```
- sem_bits = SEM_SET << SEM_XGMAC1_SHIFT;
```

```

+ sem_bits = SEM_INIT << SEM_XGMAC1_SHIFT;
  break;
case SEM_ICB_MASK:
- sem_bits = SEM_SET << SEM_ICB_SHIFT;
+ sem_bits = SEM_INIT << SEM_ICB_SHIFT;
  break;
case SEM_MAC_ADDR_MASK:
- sem_bits = SEM_SET << SEM_MAC_ADDR_SHIFT;
+ sem_bits = SEM_INIT << SEM_MAC_ADDR_SHIFT;
  break;
case SEM_FLASH_MASK:
- sem_bits = SEM_SET << SEM_FLASH_SHIFT;
+ sem_bits = SEM_INIT << SEM_FLASH_SHIFT;
  break;
case SEM_PROBE_MASK:
- sem_bits = SEM_SET << SEM_PROBE_SHIFT;
+ sem_bits = SEM_INIT << SEM_PROBE_SHIFT;
  break;
case SEM_RT_IDX_MASK:
- sem_bits = SEM_SET << SEM_RT_IDX_SHIFT;
+ sem_bits = SEM_INIT << SEM_RT_IDX_SHIFT;
  break;
case SEM_PROC_REG_MASK:
- sem_bits = SEM_SET << SEM_PROC_REG_SHIFT;
+ sem_bits = SEM_INIT << SEM_PROC_REG_SHIFT;
  break;
default:
  netif_alert(qdev, probe, qdev->ndev, "bad Semaphore mask!.\n");

```
