

printk levels for spinlock debug.

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-11/9627.html>

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```
--- vanilla/lib/spinlock_debug.c~ 2005-11-29 23:21:14.000000000 -0500
+++ vanilla/lib/spinlock_debug.c 2005-11-29 23:21:49.000000000 -0500
@@ -19,9 +19,9 @@ static void spin_bug(spinlock_t *lock, c
    if (xchg(&print_once, 0)) {
        if (lock->owner && lock->owner != SPINLOCK_OWNER_INIT)
            owner = lock->owner;
- printk("BUG: spinlock %s on CPU#%d, %s/%d\n",
+ printk(KERN_EMERG "BUG: spinlock %s on CPU#%d, %s/%d\n",
            msg, smp_processor_id(), current->comm, current->pid);
- printk(" lock: %p, .magic: %08x, .owner: %s/%d, .owner_cpu: %d\n",
+ printk(KERN_EMERG " lock: %p, .magic: %08x, .owner: %s/%d, .owner_cpu: %d\n",
            lock, lock->magic,
            owner ? owner->comm : "<none>",
            owner ? owner->pid : -1,
@@ -77,7 +77,7 @@ static void __spin_lock_debug(spinlock_t
    /* lockup suspected: */
    if (print_once) {
        print_once = 0;
- printk("BUG: spinlock lockup on CPU#%d, %s/%d, %p\n",
+ printk(KERN_EMERG "BUG: spinlock lockup on CPU#%d, %s/%d, %p\n",
            smp_processor_id(), current->comm, current->pid,
            lock);
        dump_stack();
@@ -119,7 +119,7 @@ static void rwlock_bug(rwlock_t *lock, c
    static long print_once = 1;

    if (xchg(&print_once, 0)) {
- printk("BUG: rwlock %s on CPU#%d, %s/%d, %p\n", msg,
+ printk(KERN_EMERG "BUG: rwlock %s on CPU#%d, %s/%d, %p\n", msg,
            smp_processor_id(), current->comm, current->pid, lock);
        dump_stack();
#ifdef CONFIG_SMP
@@ -147,7 +147,7 @@ static void __read_lock_debug(rwlock_t *
    /* lockup suspected: */
    if (print_once) {
```

Linux-Kernel: printk levels for spinlock debug.

```
    print_once = 0;
- printk("BUG: read-lock lockup on CPU#%d, %s/%d, %p\n",
+ printk(KERN_EMERG "BUG: read-lock lockup on CPU#%d, %s/%d, %p\n",
        smp_processor_id(), current->comm, current->pid,
        lock);
    dump_stack();
@@ -219,7 +219,7 @@ static void __write_lock_debug(rwlock_t
    /* lockup suspected: */
    if (print_once) {
        print_once = 0;
- printk("BUG: write-lock lockup on CPU#%d, %s/%d, %p\n",
+ printk(KERN_EMERG "BUG: write-lock lockup on CPU#%d, %s/%d, %p\n",
        smp_processor_id(), current->comm, current->pid,
        lock);
    dump_stack();
-

```

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