

Re: 2.6.19-rc6-rt8

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-11/msg08375.html>

- *From:* Hu Gang <linuxbest@xxxxxxxx>
 - *Date:* Wed, 29 Nov 2006 09:18:25 +0000
-

On Mon, 27 Nov 2006 10:49:27 +0100
Ingo Molnar <mingo@xxxxxxx> wrote:

i have released the 2.6.19-rc6-rt8 tree, which can be downloaded from
the usual place:

<http://redhat.com/~mingo/realtime-preempt/>

attached patch to making it compile and works in my PowerBook G4.

Index: linux-2.6.19-rc6-rt5/arch/powerpc/kernel/time.c

```
=====
--- linux-2.6.19-rc6-rt5.orig/arch/powerpc/kernel/time.c 2006-11-28 22:13:54.000000000 +0000
+++ linux-2.6.19-rc6-rt5/arch/powerpc/kernel/time.c 2006-11-28 22:15:48.000000000 +0000
@@ -507,7 +507,7 @@
if (per_cpu(last_jiffy, cpu) >= tb_next_jiffy) {
tb_last_jiffy = tb_next_jiffy;
do_timer(1);
- timer_recalc_offset(tb_last_jiffy);
+ /*timer_recalc_offset(tb_last_jiffy);*/
timer_check_rtc();
}
write_sequnlock(&xtime_lock);
```

Index: linux-2.6.19-rc6-rt5/include/asm-powerpc/semaphore.h

```
=====
--- linux-2.6.19-rc6-rt5.orig/include/asm-powerpc/semaphore.h 2006-11-28 22:13:54.000000000 +0000
+++ linux-2.6.19-rc6-rt5/include/asm-powerpc/semaphore.h 2006-11-28 22:15:48.000000000 +0000
@@ -10,7 +10,7 @@
```

```
#ifdef __KERNEL__
```

```

-#include <linux/config.h>
+/*#include <linux/config.h>*/
#include <asm/atomic.h>
#include <asm/system.h>
#include <linux/wait.h>
```

Re: 2.6.19-rc6-rt8

Index: linux-2.6.19-rc6-rt5/mm/page_alloc.c

```
=====  
--- linux-2.6.19-rc6-rt5.orig/mm/page_alloc.c 2006-11-28 22:13:54.000000000 +0000  
+++ linux-2.6.19-rc6-rt5/mm/page_alloc.c 2006-11-28 22:15:48.000000000 +0000  
@@ -2800,7 +2800,9 @@
```

```
void __init page_alloc_init(void)  
{  
#ifdef CONFIG_HOTPLUG_CPU  
hotcpu_notifier(page_alloc_cpu_notify, 0);  
#endif  
}
```

```
/*
```

```
-
```

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