

# 2009-12-21 Linux kernel driver that handles IRQ

## Plan

- make minimalistic driver that requests IRQ on load and release it on unload;
- pass IRQ no. as a module parameter;
- (variation) make ISR lock spinlock and not release it; see how it looks;
- (extra) modify qemu to allow emitting IRQ from monitor;

## Worklog

TBD

## Conclusion

- initramfs is fun: bzImage holds rootfs and re-builds it even if kernel code is not changed;
- spinlock re-acquisition locks up hard;
- qemu internal hardware objects are not that easily navigable - to be continued;

[linux](#), [lkm](#), [qemu](#), [ltd](#)

From:  
<http://wiki.osll.ru/> - **Open Source & Linux Lab**

Permanent link:  
<http://wiki.osll.ru/doku.php/etc:users:jcmvbkbc:little-things:1?rev=1261472955>

Last update: **2009/12/22 12:09**

