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;

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

Permanent link:
http://wiki.osll.ru/doku.php/etc:users:jcmvbkbc:little-things:1?rev=1261472732

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