20 years of CONFIG_VT

David Herrmann
<dh.herrmann@gmail.com>
According to slashdot:

My linux-kernel VTs...
...can magically recover a system without a rootfs!
...provide a shell in the kernel!
...drive serial consoles!
...have a clean code-base!
...haven't had any bugs in the last century!
“Hopefully this will be a rather complete vt102 implementation”

(drivers/tty/vt/vt.c)
Unix Session-Management

setsid() / setpgid()

“I haven't get the stomach for it. I also don't fully understand sessions/pgrp etc. Let somebody who does explain it.”
linux-0.11

console beeping
linux-0.12

VTs!
linux-0.96a

X11 support:
- KDSETMODE
- KDSKBMODE
linux-0.99.1

VT_SETMODE
(and advanced beeping)
linux-1.3.38

TGA-console
linux-1.3.94

fbdev support
linux-2.1.67

- fbcon
- txtcon
- vgacon
- fonts
kmscon
systemd-logind
open("/dev/<sth>", ...)
Linux Session-Management

Some interactions between the different sessions are still experimental and uncommon on modern Linux systems. Hence, this overview may only partially apply to your system.

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