



LINUX
OS

REFORMASI

BUDI RAHARDJO

Perjalanan LINUX

- Sejarah Free *NIX

Barang aneh Mikroprosesor. OS: AT&T, 386BSD, Minix, XINU, freeBSD, OpenBSD, NetBSD, Linux, GNU Hurd, Plan9

- Pra-reformasi (Linux 0.12)

no networking, no X window, underdog, David vs Goliath

- Reformasi (Linux 2.x)

networking, X window, server, distributions, OS sebagai partai, rusuh

- Kemana setelah ini?

Ekonomi aneh Internet, Cathedral vs Bazaar, Open Source

Sejarah *NIX Gratis

- Mulai dari UNIX Ritchie & Thompson
- Distribusi di perguruan tinggi
- Commercial UNIX AT&T vs Berkeley
- Pembersihan source code *NIX
- Pengadilan UNIX
- Jolitz: 386BSD, BSDI
- FreeBSD, OpenBSD, NetBSD

Other *NIX

- Minix
- Linus vs AST
- XINU

Linux 0.12

- Awal dari Linux
- Sangat minim, no networking, no X window
- Tidak terbayang bisa seperti sekarang
- Distribusi: Slackware

Pra-reformasi

- OS lain: mono, semua harus sama
- Windowing tidak ada pilihan (Windows, Mac OS)
- UNIX: pilihan, tapi masih terbatas

OS Reformasi

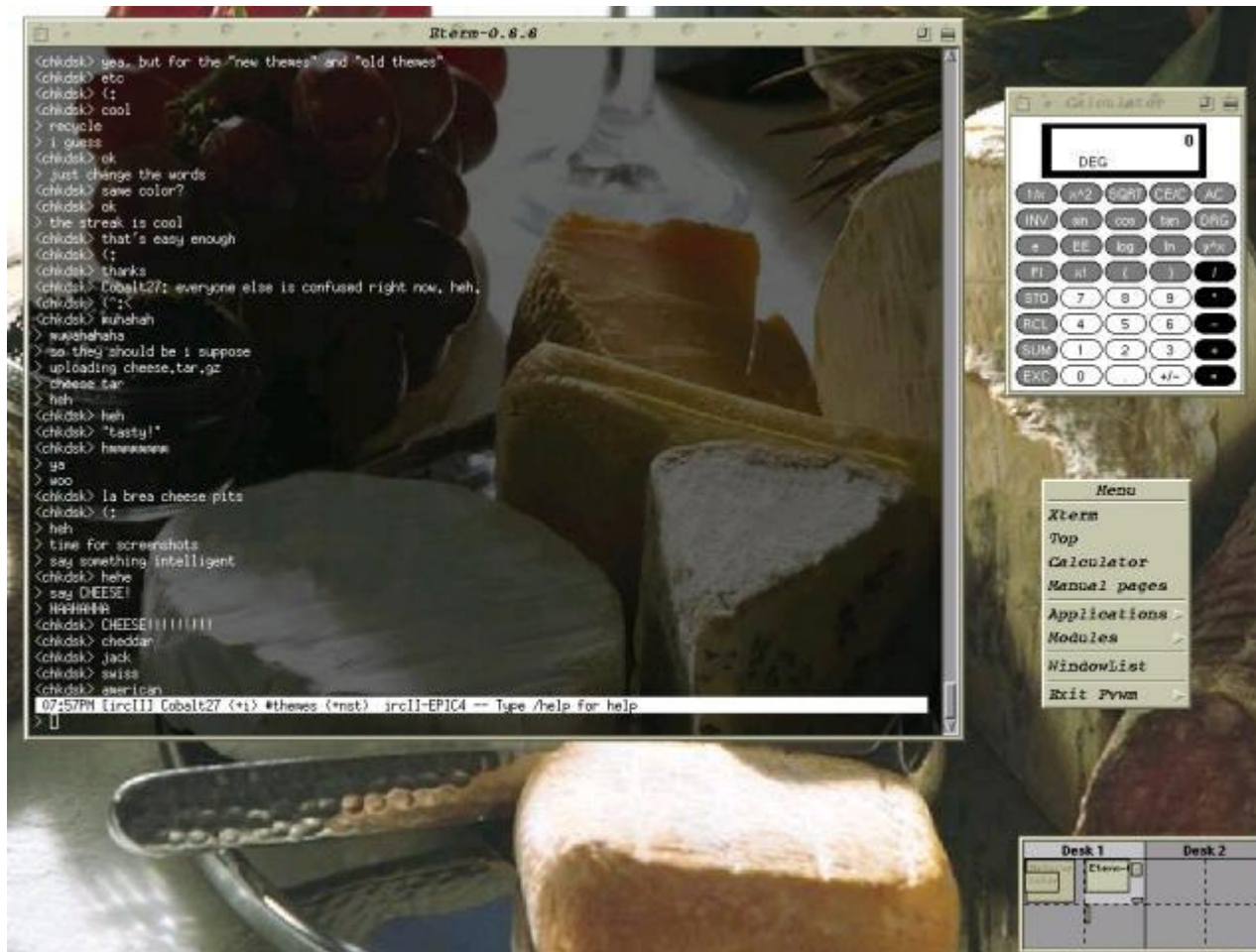
- Perbedaan boleh-boleh saja:



- Macam-macam distribusi Linux: Slackware, Debian, RedHat, Caldera



- Macam-macam X window manager: twm, fvwm, after step, olwm, olvwm, enlightenment

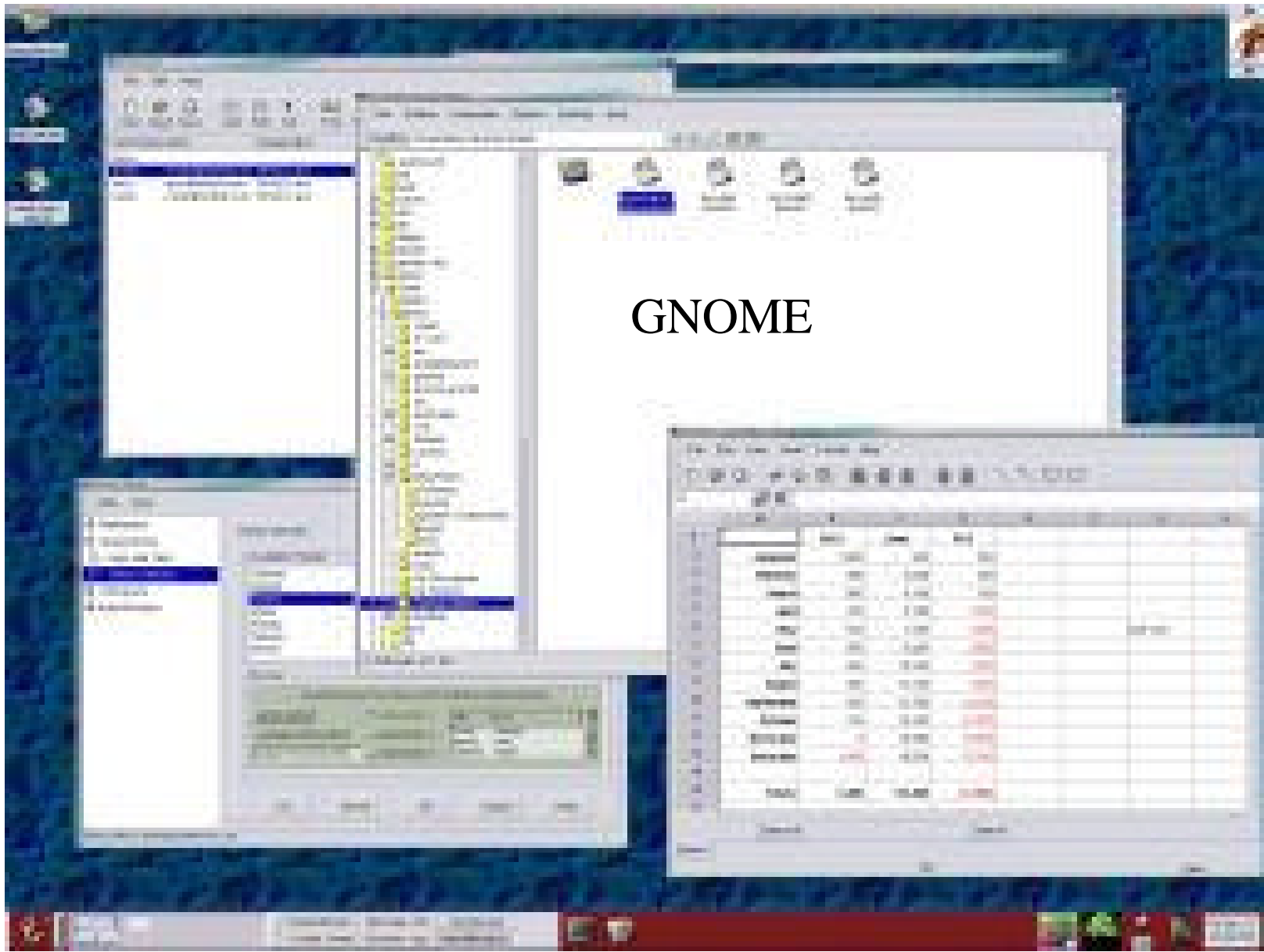


fvwm

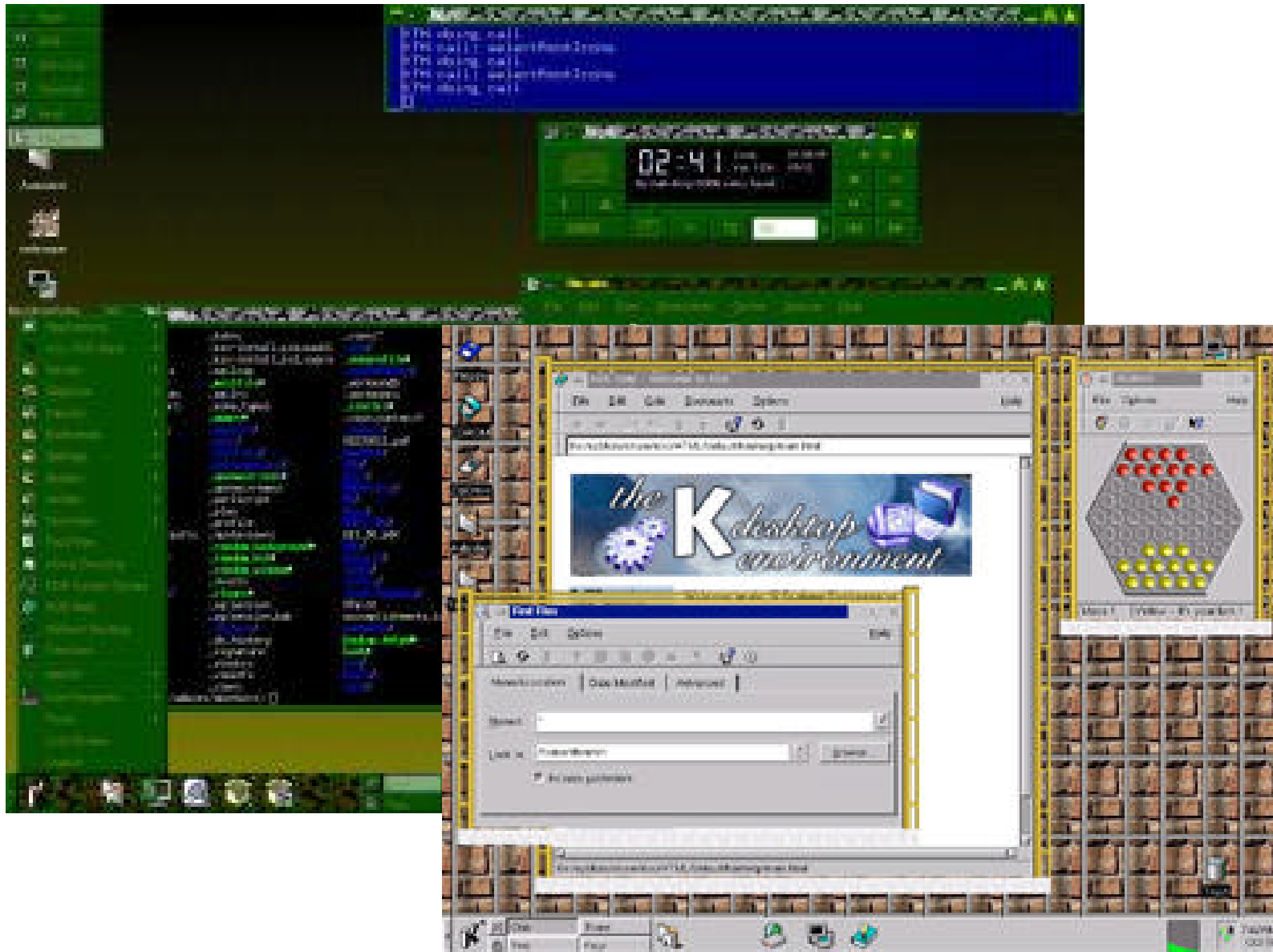
os reformasi

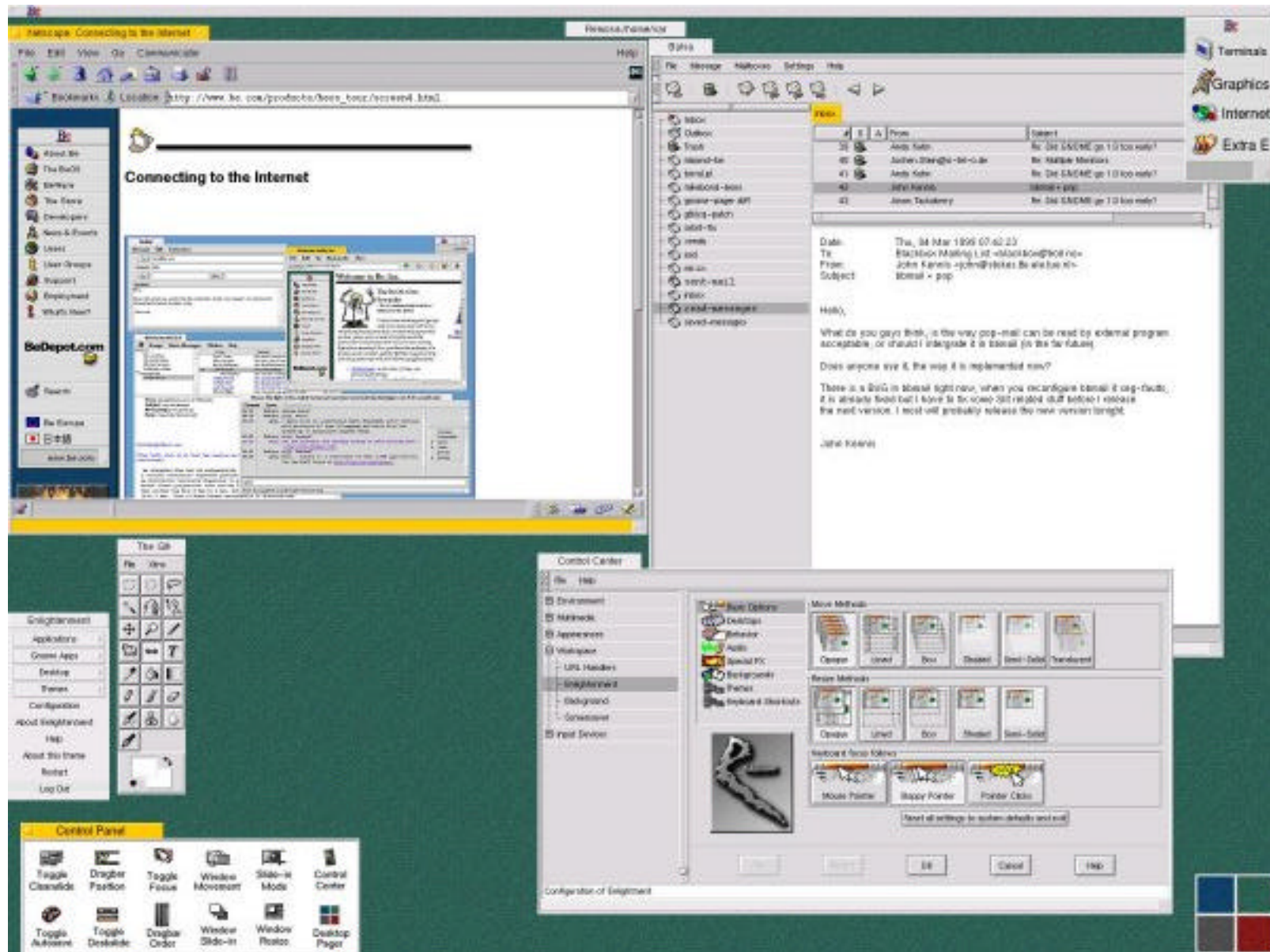
- Macam-macam desktop: KDE, GNOME, CDE

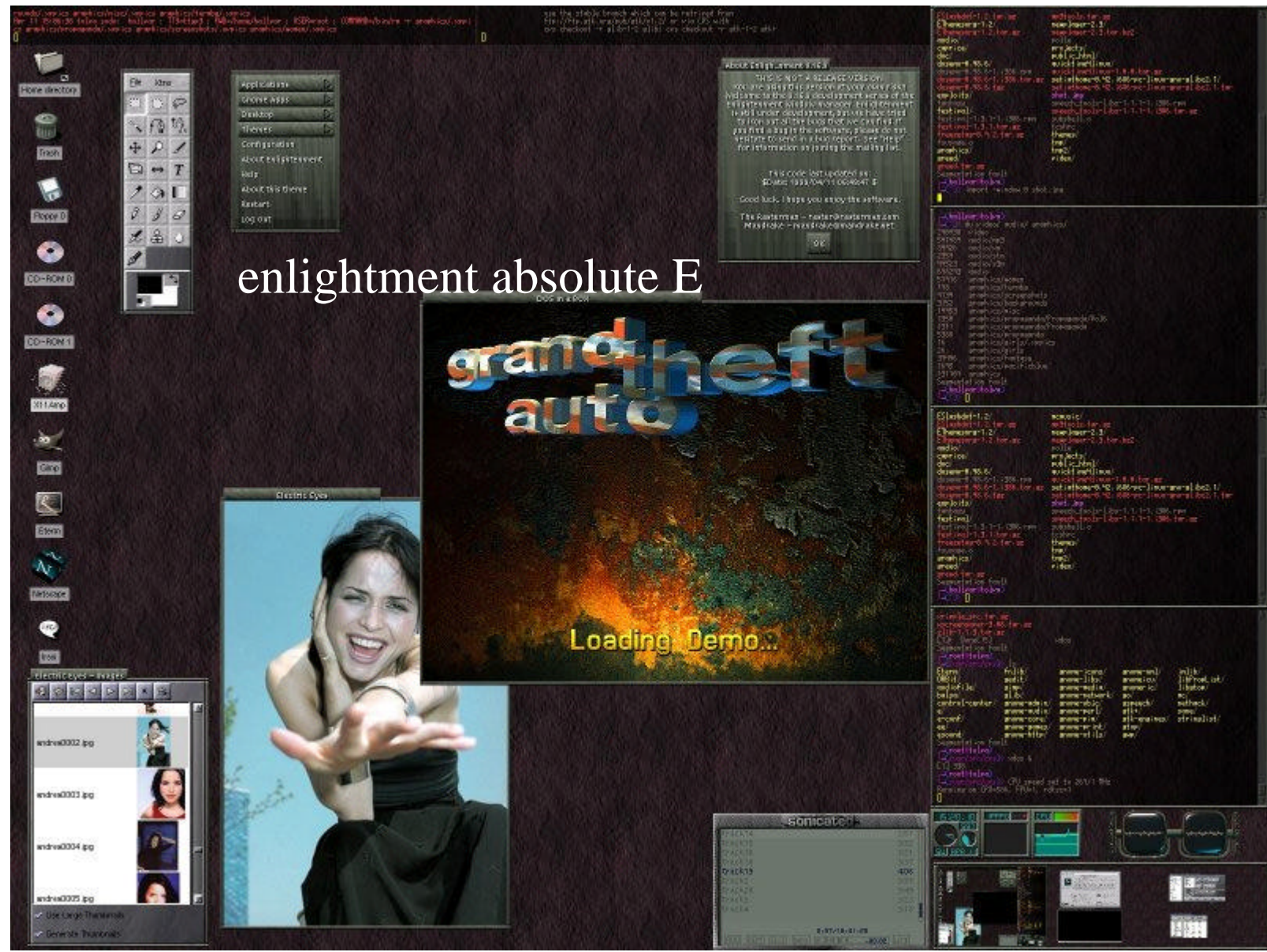












enlightment absolute E

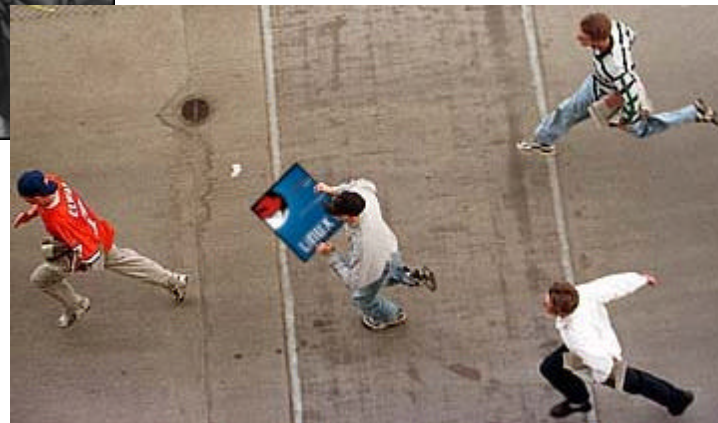
os reformasi

- Macam-macam file system: minix, ext2, xiafs, msdos, umsdos, vfat
- Macam-macam versi kernel Linux: 2.0.x, 2.2.x

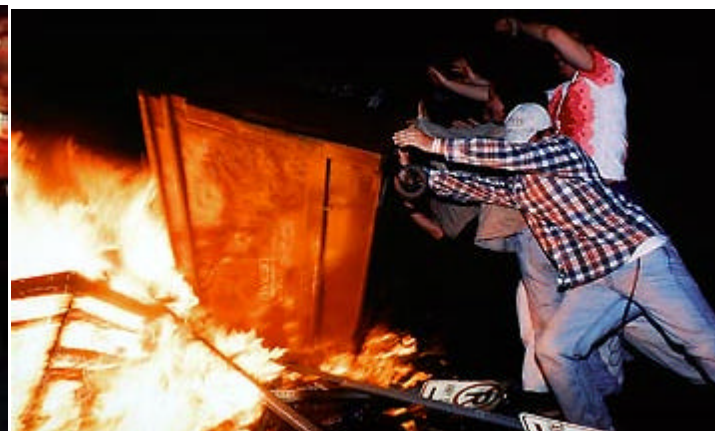
os reformasi

- postmodern: deconstruct things, ambil yang baik, comot sana sini. it's ok.
- Membutuhkan keaktifan pengguna, harus belajar
- Linux "is just an OS"? No. It's a believe.

RuSuH



r U s U h



Kemana setelah ini?

- Perang antar distribusi? (antar partai)
Apakah perbedaan akan menjerumuskan?
- Personalisasi: konsep "skin"?
- Cathedral vs Bazaar
- Open Source
- Funny economy



About Budi Rahardjo

- MIS Director
Inter University Research on Microelectronics (IURC)
Pusat Penelitian Antar Universitas - Mikroelektronika
Institut Teknologi Bandung
- Head of OSI
Pusat Ilmu Komputer dan Sistem Informasi (PIKSI)
Institut Teknologi Bandung
- Staff of Lab. Elektronika & Komponen
Jurusan Teknik Elektro, ITB

About Budi Rahardjo (2)

- Manager of Top Level Domain Indonesia (TDL-ID)
- Project manager of Indonesia Network Information Center (IDNIC) - .ID domain registration
- Budi Rahardjo has been using Linux since version 0.12, and has been involved with WWW before Netscape was born (even before Mosaic era). His servers and workstations are mainly Linux boxes with Debian, Slackware, and his own configuration.