



OS X Grumpy Cat

Introducing OS X 10.FU

The world's most advanced operating system just got Grumpier

The History of the Three Most Popular Operating Systems

Haley Kim & Juan Carlos Rios

Windows XP

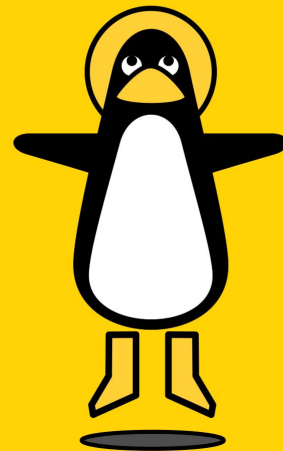


Divine Linux Gamers

Dirty Console
Peasants



PC Master Race



Windows



Mac



Linux





Unix (1969)
Dennis Ritchie & Ken Thompson



other babies (1980s)
MINIX



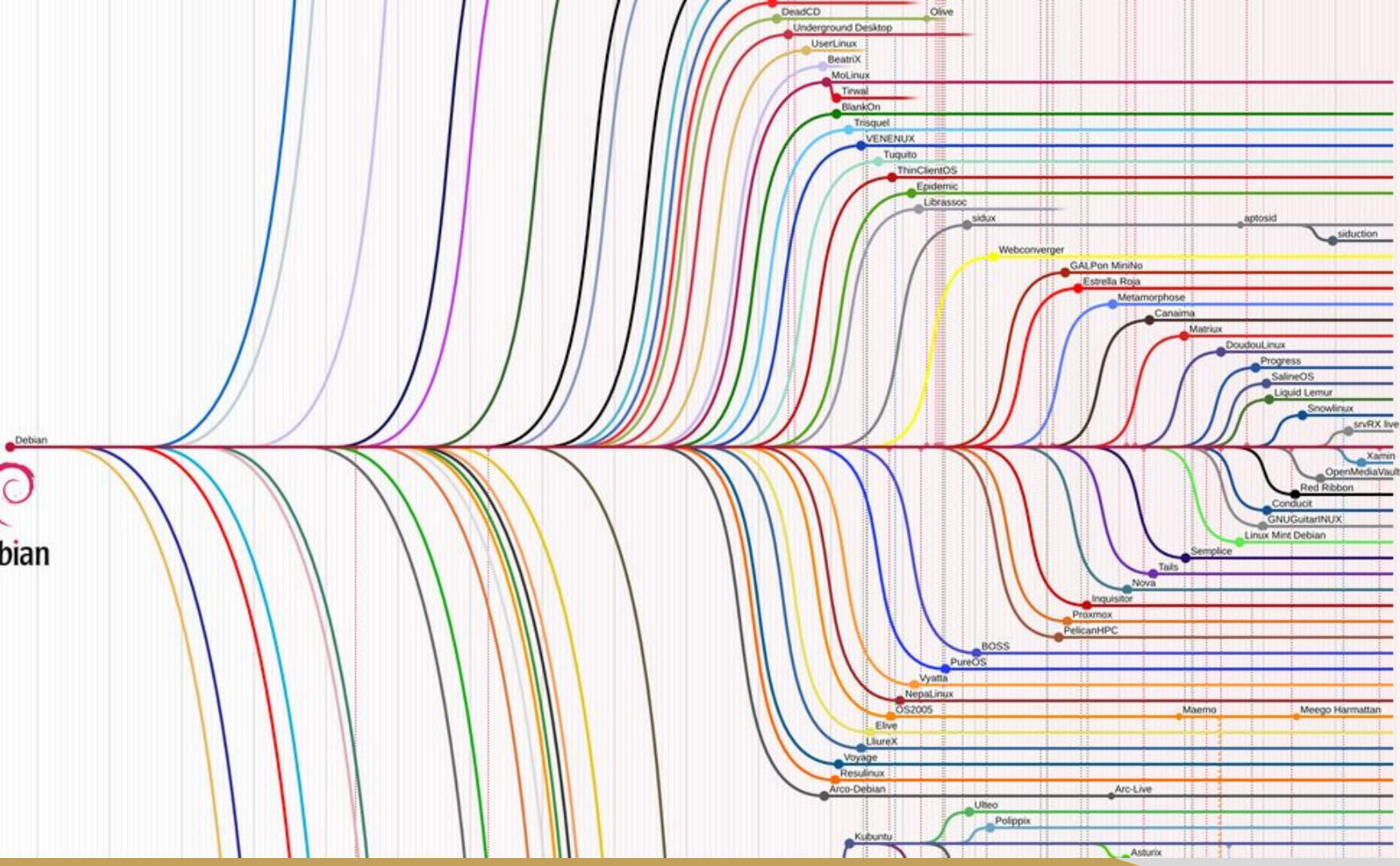
"I'm doing a (free)
operating system (just a
hobby, won't be big and
professional like gnu) for
386(486) AT clones."



Linux (1991)
Linus Torvalds
71KB



"Any suggestions are
welcome, but I won't
promise I'll
implement them :-)."



RPM-based
(uses .rpm)

Debian-based
(uses .deb)
(apt-get)



seas.ucla
(uname -a)

CentOS
(community
supported)

Fedora
(RedHat-sponsored)
(community
supported)

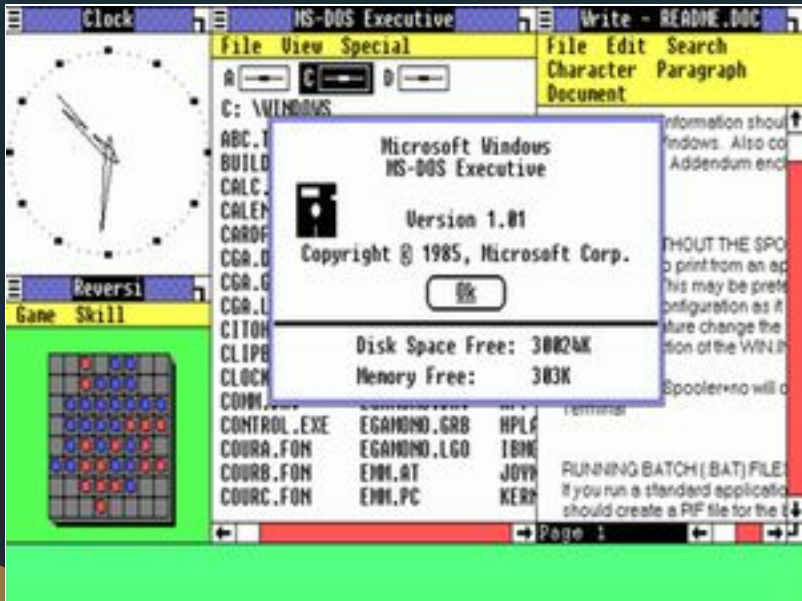
Kali Linux
(security)

Ubuntu
(free & open)



macOS

- Released in 1984, for original Macintosh
- First commercial computer with GUI and a mouse use
- Easier for everyday users; previously, understanding text commands in command line essential
- Steve Jobs left Apple in 1985 and created NeXT (developed object oriented OS)
- 2001, Apple released first of “cat” updates, with Mac OS Cheetah, but it received heavy criticism, Visually appealing aqua caused computer to be slower
- Following updates, Puma, Panther, Tiger, Leopard, Snow Leopard, and Lion, each introduced new features and system optimizations to keep MacOS competitive.
- iOS came out in 2007 and revolutionized smartphone market
- Mountain Lion, Mavericks, Yosemite, High Sierra, Mojave, Catalina, progressively introduced apps and elements from iOS to MacOS (notes, messages, game center, notification center, Maps, Photos, Siri, Music, etc.)



- 2001 (Windows XP, business + consumer, Windows NT 1993, popular)
- 2006 (Windows Vista, brand new GUI, more complicated security, default admin)

- by Microsoft for IBM
- 1981 (MS DOS)
- 1985 (Windows 1, GUI for MS DOS, \$100, an add-on)
- 1987 (Windows 2, interface & memory management improvements, excel & word)
- 1990 (Windows 3, first commercial success, rewritten in assembly rather than C, intro to virtual mem & VGA cards ⇒ faster)
- 1995 (Windows 95, serious facelift, DOS now bypassed)
- 1998 (Windows 98, slow & unreliable)

MacOS vs WindowsOS vs LinuxOS today

Linux	Windows	Mac OS
<ul style="list-style-type: none">• Linux is Unix Based (more secure against malware, trojan horses, etc.)• Free and open source• Various distros made by companies• Customization on nearly every aspect• One of the widely used OS's for both desktop and server machines• Typically used by users with more technical experience• More reliable/secure than Windows and MacOS: many distros	<ul style="list-style-type: none">• Strongest consumer base, widely popular• Applications like excel and word considered essential• First GUI to hit widespread commercial success• Been overshadowed by android nowadays but different platform• Not Unix based• Unique command-line, not in a good way• Very intuitive, a child can learn how to use	<ul style="list-style-type: none">• Unix based (allows running programs in almost any language)• Able to run all the major operating systems on it; great advantage for programmers.• Developed/maintained by Apple engineers for Macintoshes• Less customization than Linux• More intuitive OS for beginners/everyday users