

RI TA NF AM JV AF JS JG XA ^{profile} PG AR CT JC | Pasqual Glez

User interfaces

From developepers perspective

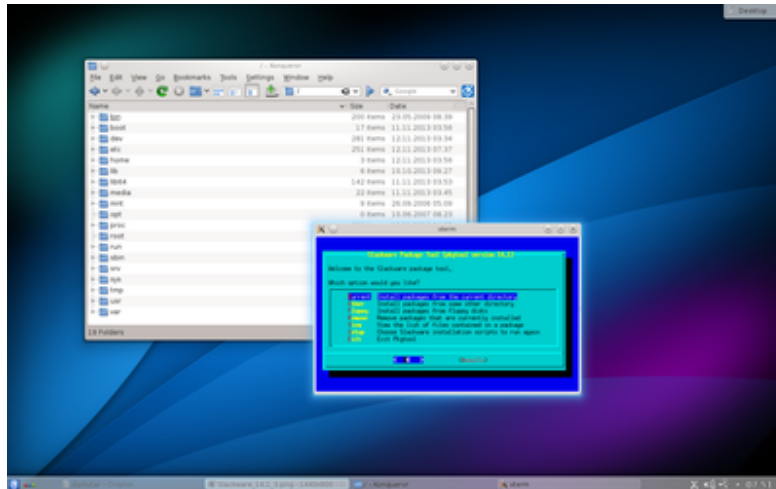


Ghost in the shell

Set in the 21st century, Ghost in the Shell is presented at a first reading as a futuristic espionage thriller, by narrating the missions of Motoko Kusanagi, the oldest in charge of the covert operations of the Public Security Police Section 9, or simply Section 9, specialized in technological crimes. Kusanagi herself is a cyborg, possessing an artificial body, which allows her to be able to perform superhuman feats especially required for her work.

Comments are disabled...

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Slackware Linux is a distribution of the GNU / Linux operating system created in 1993 by Patrick Volkerding aimed at advanced users. Originally based on SLS Linux, Slackware is the oldest GNU / Linux distribution still under maintenance. Its current version is version 14.2, released on July 1, 2016. It contains an easy-to-use installation program, although it is text-based, unlike other installation environments based on graphical environments. It also has extensive documentation in English and a menu-based package management system. What differentiates Slackware Linux from other Linux distributions is that it closely resembles Unix operating systems. To this end, it includes software that is not normally found on other Linux distributions, such as the latest version of the Korn shell command environment.

User interfaces (as a developer...)

AF is editing..

AT&T and Bell Labs developed a primitive device that could recognize speech. These scientists knew that the success and globalization of this technology would depend on their ability to perceive complex verbal information with high precision and consistency.

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Really old times interfaces: No O.S. 1950's

Univac mechanical interface,
Input keyboard for punched card.
Output as a printer.
A lot of switches and light indicators

Comments are disabled...

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First mechanical keyboard - 1960

For much of the late 20th century, the **keyboard** was the best interaction between computing technology and humans, that was when touch interfaces, voice control, and stuff like that don't even exist. Still the keyboard was a vast improvement over the punchcard, but something happened in the early 1980s to dramatically change the environment.



First prototype of a touch screen. (1971).

In 1971 George Samuel Hurst, an American physicist, invented the first prototype of a touch screen.

<https://en.wikipedia.org/wiki/Touchscreen>

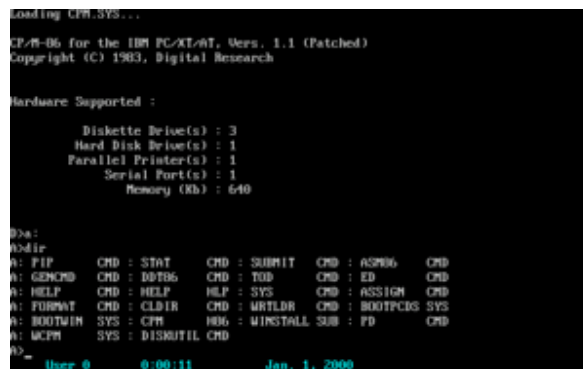


Xerox Alto 1973

The Alto was the first system to pull together all of the elements of the modern Graphical User Interface. The Xerox Alto was designed to be a relatively small, yet powerful, personal office computer with the ability to present information graphically, and to easily share information. They were also designed to utilize laser printers that were also under development at Xerox.

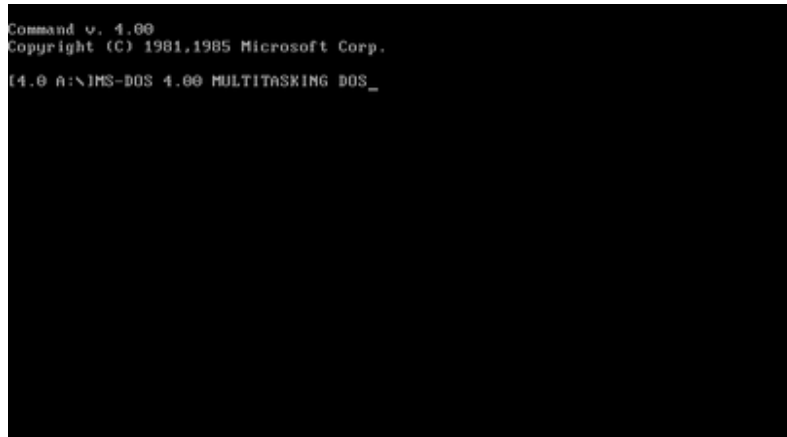
Comments are disabled...

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CP/M 1974

mass-market operating system created in 1974 for Intel 8080/85 microcomputers by Gary Kidall of Digital Research, Inc. for 8-bit processors and no more of 64 kilobytes of memory, was used on the late 1970s and the mid 1980s by businessman.



```
Command v. 4.00
Copyright (C) 1981,1985 Microsoft Corp.
(4.0 A:\MS-DOS 4.00 MULTITASKING DOS_
```

MSDOS (1981)

Microsoft buys QDOS (86dos) and modifies it thus creating MSDOS

MS-DOS was developed from QDOS, Quick Disk Operating System, also known as 86-DOS. Its development officially began in 1981 and it was released in 1982 as MS-DOS 1.0. It had eight major versions and was widely distributed, but was gradually replaced by OS that offered a graphical user interface (GUI), in particular by several generations of the Microsoft Windows operating system.

<https://en.wikipedia.org/wiki/MS-DOS>



XEROX STAR 8010 (1981)

The Xerox Star Workstation, officially known as the "8010 Star Information System" was introduced by Xerox Corporation on April 27, 1981. It was the first commercial system to incorporate various technologies that have become common today in personal computers, including the screen with bitmaps instead of just text, using a graphical user interface based on elements such as windows, icons, folders, mouse; Ethernet network; file servers; print and email servers.

Made by: Juan Camilo Ocoró Velasco



Apple Lisa Office System 3.1 1983

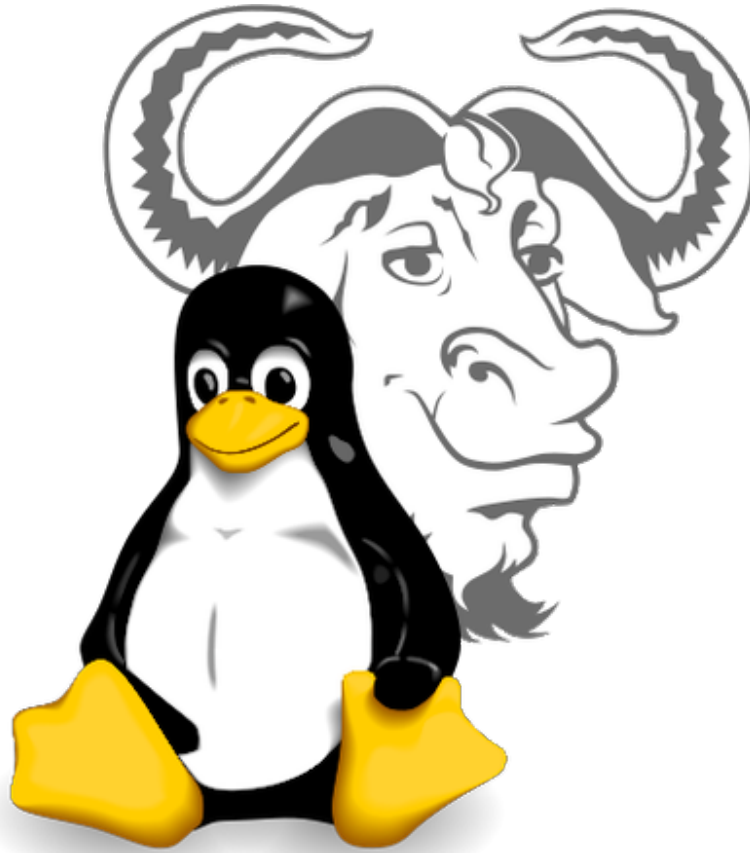
The Apple Lisa Office System was released in 1983 by Apple Computers with their Lisa microcomputer. The Lisa hardware, operating system, and its set of office applications were designed by Apple to work together to create a powerful document processing workstation.

At the time, the Lisa's main competitors were big computers like the Perq and Xerox Star as well as various smaller non-graphical office systems. Microsoft's "Windows" would not see the light of day for several more years. Unfortunately the Lisa fell victim to Apple's own Macintosh - which was similar to the Lisa, but vastly scaled down and much less expensive.



Windows xp is an operating system produced by Microsoft as part of the Windows NT family of operating systems. It was the successor to both Windows 2000 for professional users and Windows Me for home users. It was released to manufacturing on August 24, 2001, and broadly released for retail sale on October 25, 2001.

https://es.wikipedia.org/wiki/Windows_XP



Linux

Linux es la denominación técnica y generalizada que reciben una serie de sistemas operativos de tipo Unix, que también suelen ser de código abierto, multiplataforma, multiusuario y multitarea.¹ Estos sistemas operativos están formados mediante la combinación de varios proyectos

Fecha de lanzamiento:1991

AR is editing.



Windows 7-2009

Is a version of Microsoft Windows, a line of operating systems produced by Microsoft Corporation. It was released in October 2009. This version was designed for use on PCs, including home and office desktops, laptops, tablets, netbooks, and multimedia computers.

[link](#)



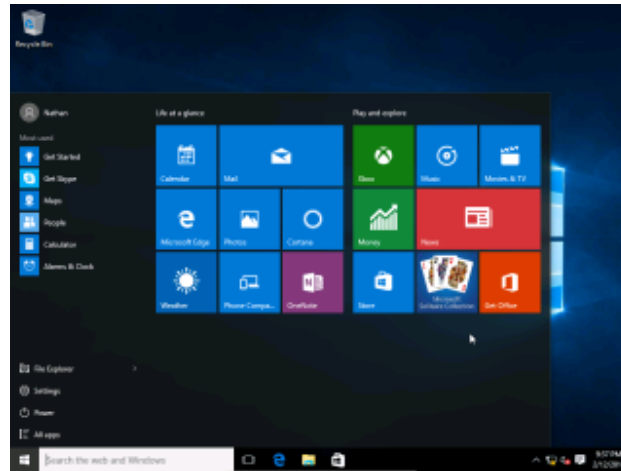
First fingerprint design

The latter part of the 2000s witnessed a big leap forward UI design, again led by Apple. Touch interfaces took off dramatically with the introduction of iPhone in 2007 and iPad in 2010, both of that devices got **Fingerworks**.



Windows 8

Windows 8 is the name of the new version of Microsoft Windows, a family of operating systems produced by Microsoft for personal computer use, including home and business desktops, laptops, netbooks, tablet PCs, servers and multimedia centers. Was launched in 26 October 2012.



Windows 10 - 2015.

Microsoft releases Windows 10, mostly reverting back to a traditional desktop, and "Metro" app windows now overlap. The Start menu includes the contents of the Windows 8 Start Screen.

Microsoft uses Windows 10 for advertising and bundles "telemetry" spyware.

To get people to switch, they offer all Windows 7 and 8 users a free "upgrade" to Windows 10.



8 Next-Generation

Our brain generates all kinds of electrical signals with our thoughts, so much so that each specific thought has its own brainwave pattern. These unique electrical signals can be mapped to carry out specific commands so that thinking the thought can actually carry out the set command.

Comments are disabled...

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Windows 11. - 2020?

Created by Avdan in 2020, Windows 11 is a fictional OS.

<https://www.youtube.com/watch?v=GkseHGJccqQ>



Terminator and Skynet (2029)

Terminator is a robot that comes from the future to annihilate Sara Connor, he together with Skynet must carry out this task, this was created in the year 2029 but Skynet transferred it to the time of the 80s ...

Skynet is the name given to the artificial intelligence that leads the army of machines Skynet is an artificial intelligence capable of controlling the military arsenal of the United States independently of humans. Its annihilating interface is Terminator



ROBOCOP (2030)

Alex James Murphy better known as RoboCop is a fictional character in the RoboCop film series. A cybernetically enhanced Detroit Police Department officer, he is the main protagonist of the film series of the same name. Murphy dies in the line of duty; subsequently, Murphy is resurrected and transforms into the cyborg entity named Robocop by the megacorporation, Omni Consumer Products (OCP).

Made by: Juan Camilo Ocoró Velasco



NERVEGEAR-2022

It is a hardware interface used in VRMMORPG's so that players can have a total immersion in the game. The NerveGear is known as the first form of total immersion technology produced, which began to be sold in April 2022. It was designed by Kayaba Akihiko for the Argus company.

The structure of this device covers almost the whole of the user's head and part of the face. Inside there are various synaptic components that serve as a mechanism to access the user's brain and thus have control over their five senses.

[link](#)

TA is editing...



The Preator Interfaced is used by predators to hunt down their prey and kill in 2030.

This is my time lines

(Daniel Pérez Martínez)

Real interfaces :

(History of GUI's)

<https://www.sutori.com/story/timeline-of-real-interfaces--iEDhxWYh3LEwKpgugcDh78Wq>

Fiction interface:

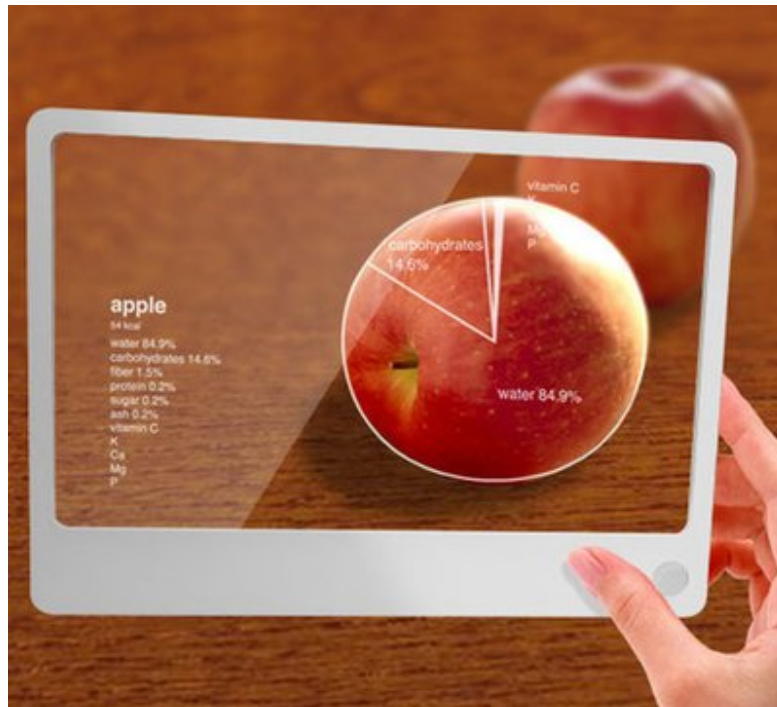
(Dead Space hologram interface)

<https://www.sutori.com/story/fiction-interface--3cimofYD39GtMKSLzgdor7sH>

Prototype interface:

(Google glasses)

<https://www.sutori.com/story/prototype-interface--EWmGu5kxeLXnijPLf8e1Sm4g>



Futuristic glass UI - 2028

Futuristic glass aims to integrate the capabilities of online-services in our daily life. Since web users can now access the Web everywhere and all the time, one can use their mobility for a number of useful applications. For instance, to provide assistance in a city guide, translate texts, look up some data in encyclopedia etc. A futuristic concept which is likely to become reality in the near future.



Microsoft had previously showed off its HoloLens technology, but the January demos relied on bulky equipment. The new prototypes are, dare we say it, rather sleek. The fact that HoloLens is only meant to augment real-life rather than completely replace it means that there's no need for a screen and face-covering VR headset.

Comments are disabled...

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NF is editing...

CT is editing..



Gundam Series, Barbatos Interface