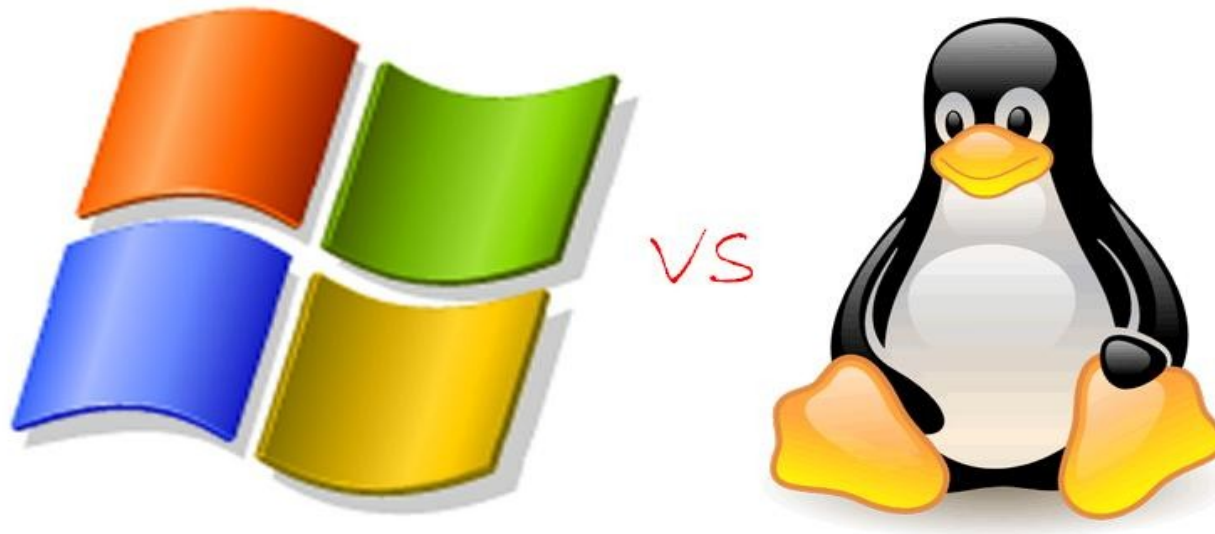


Windows vs Linux



Andrea Colangelo
Ubuntu Developer

Corso base su Linux, PescaraLug – Pescara, 14 Aprile 2012



CAUTION CAUTION CAUTION

A problem has been detected and windows has been shut down to prevent damage to your computer.

TRAP_CAUSE_UNKNOWN

If this is the first time you've seen this stop error screen, restart your computer. If this screen appears again, follow these steps:

Check to make sure any new hardware or software is properly installed. If this is a new installation, ask your hardware or software manufacturer for any windows updates you might need.

If problems continue, disable or remove any newly installed hardware or software. Disable BIOS memory options such as caching or shadowing. If you need to use Safe Mode to remove or disable components, restart your computer, press F8 to select Advanced Startup Options, and then select Safe Mode.

Technical information:

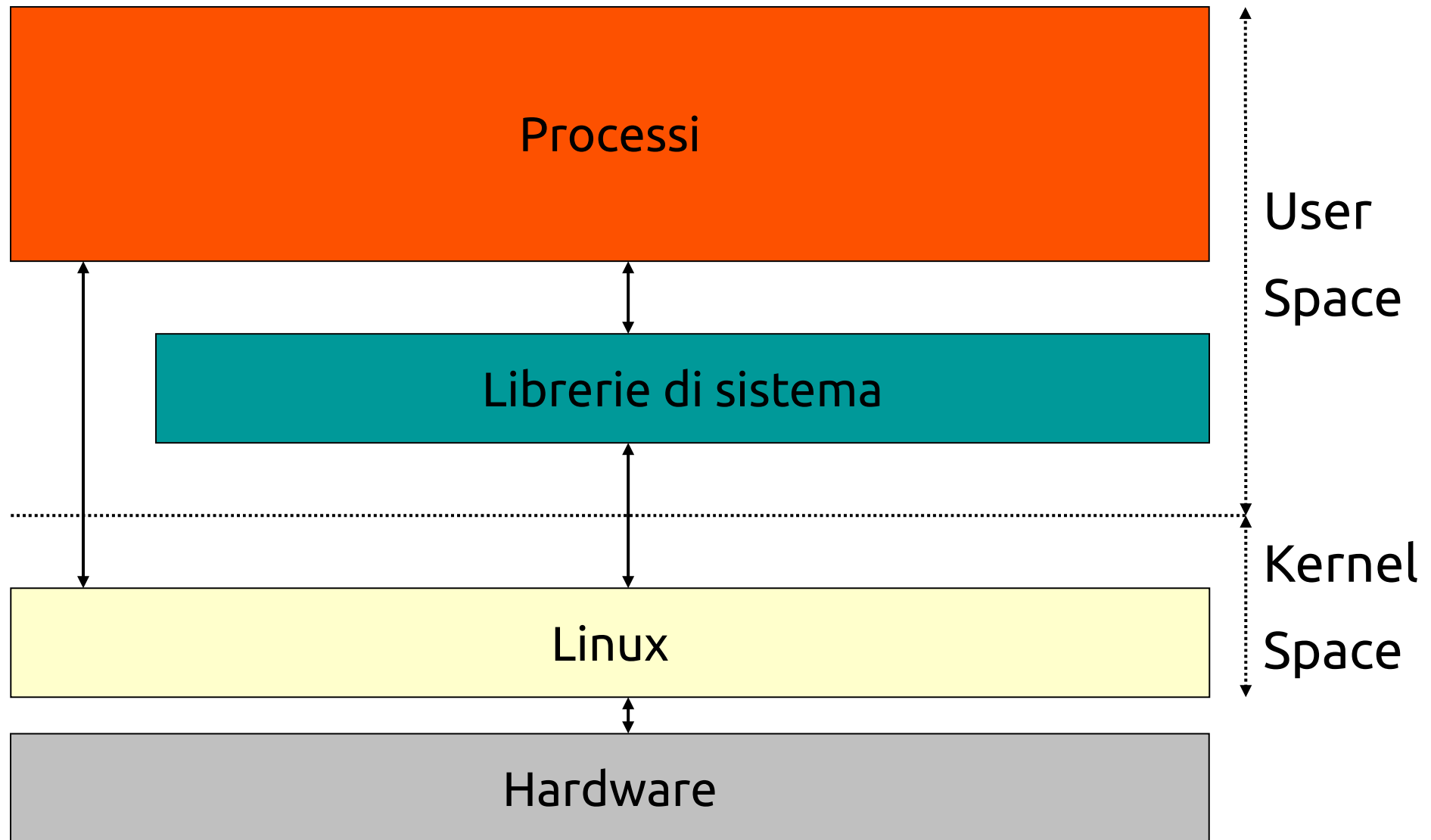
*** STOP: 0x00000012 (0x00000000,0x00000000,0x00000000,0x00000000)

Collecting data for crash dump ...
Initializing disk for crash dump ...
Beginning dump of physical memory.
Dumping physical memory to disk: 60

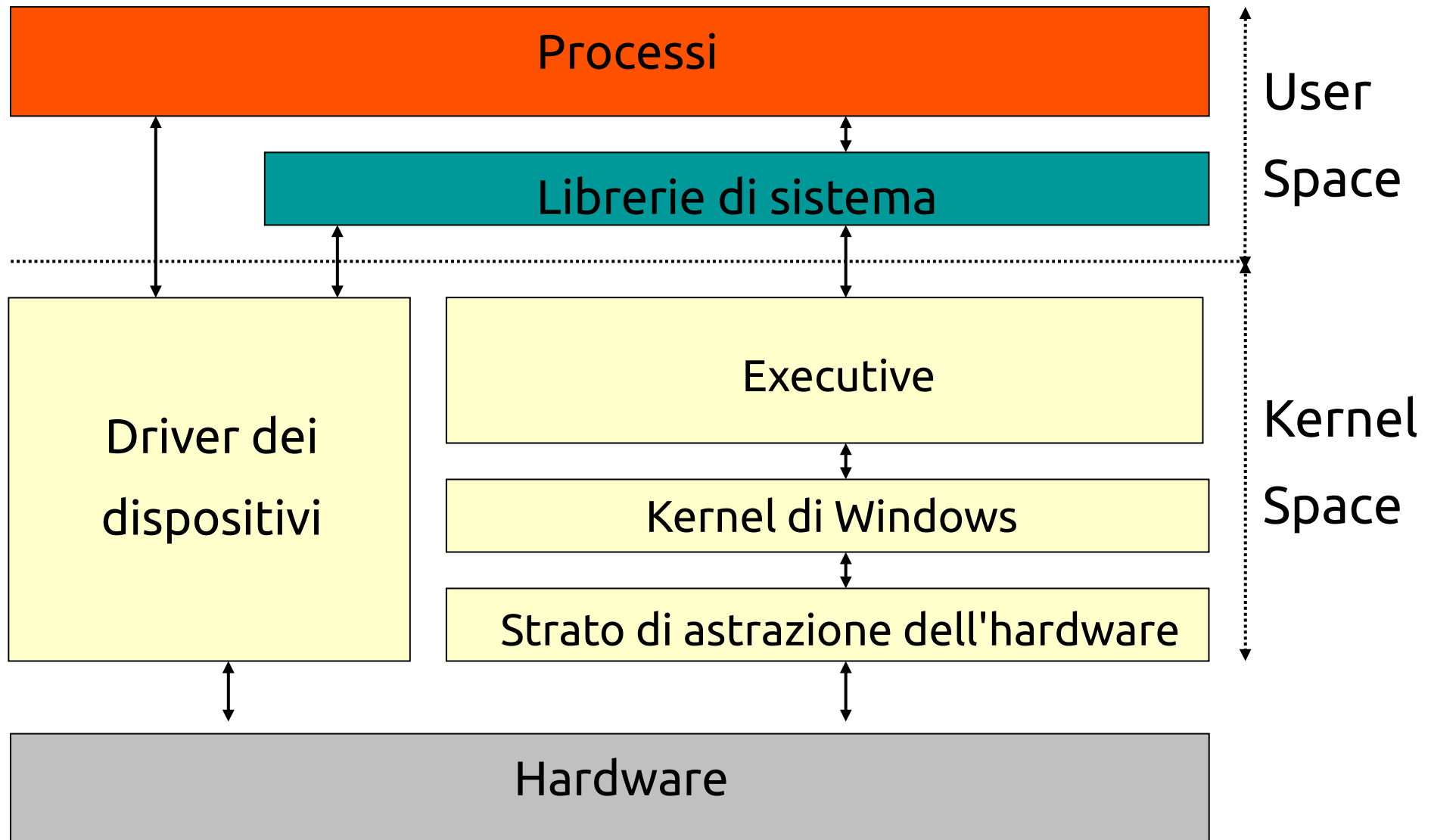


Il kernel,
questo sconosciuto

Architettura di GNU/Linux



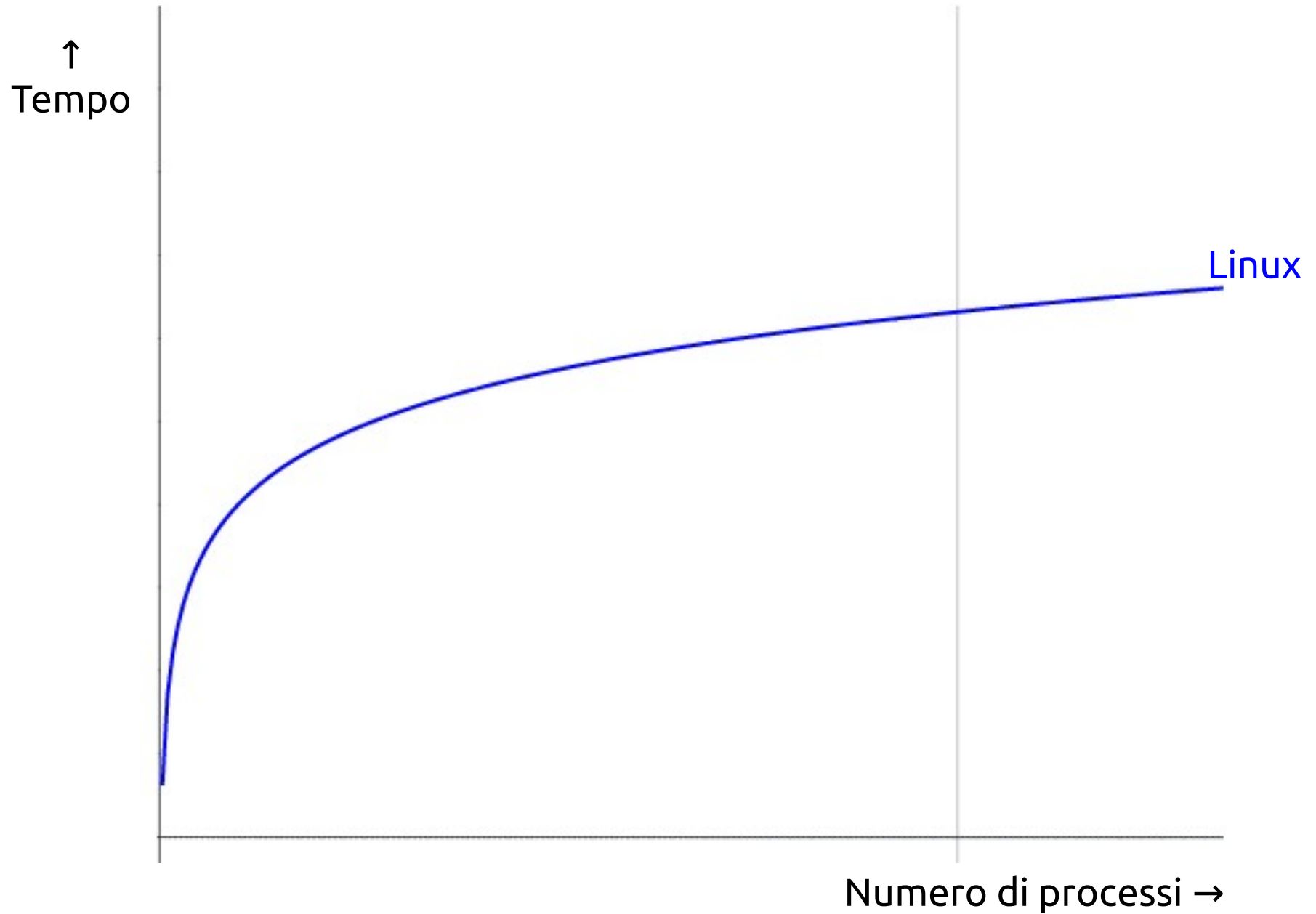
Architettura di Windows



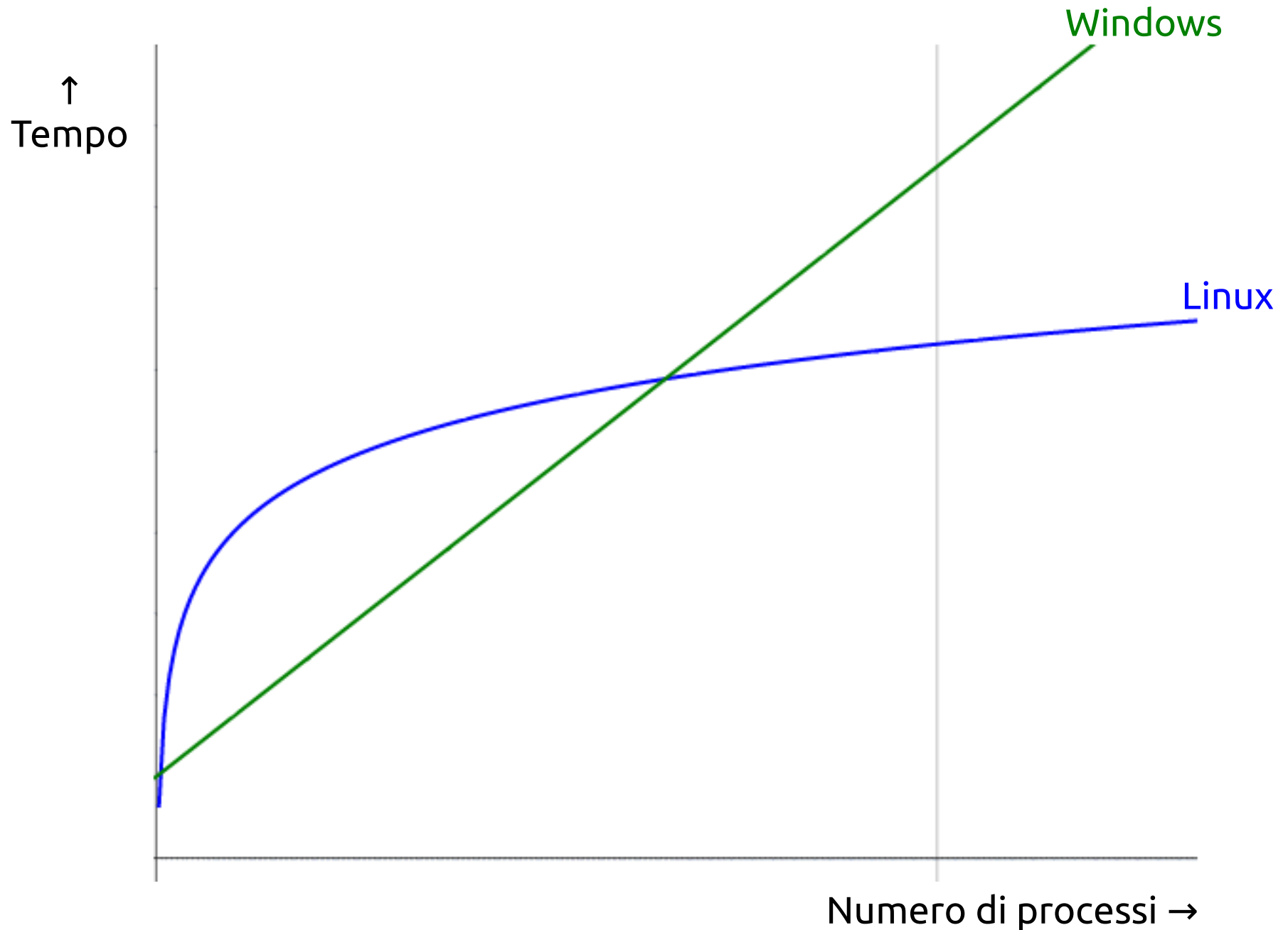


Gestione dei processi

Overhead dello scheduler



Overhead dello scheduler





Gestione della memoria

Segmentazione della memoria

Linux



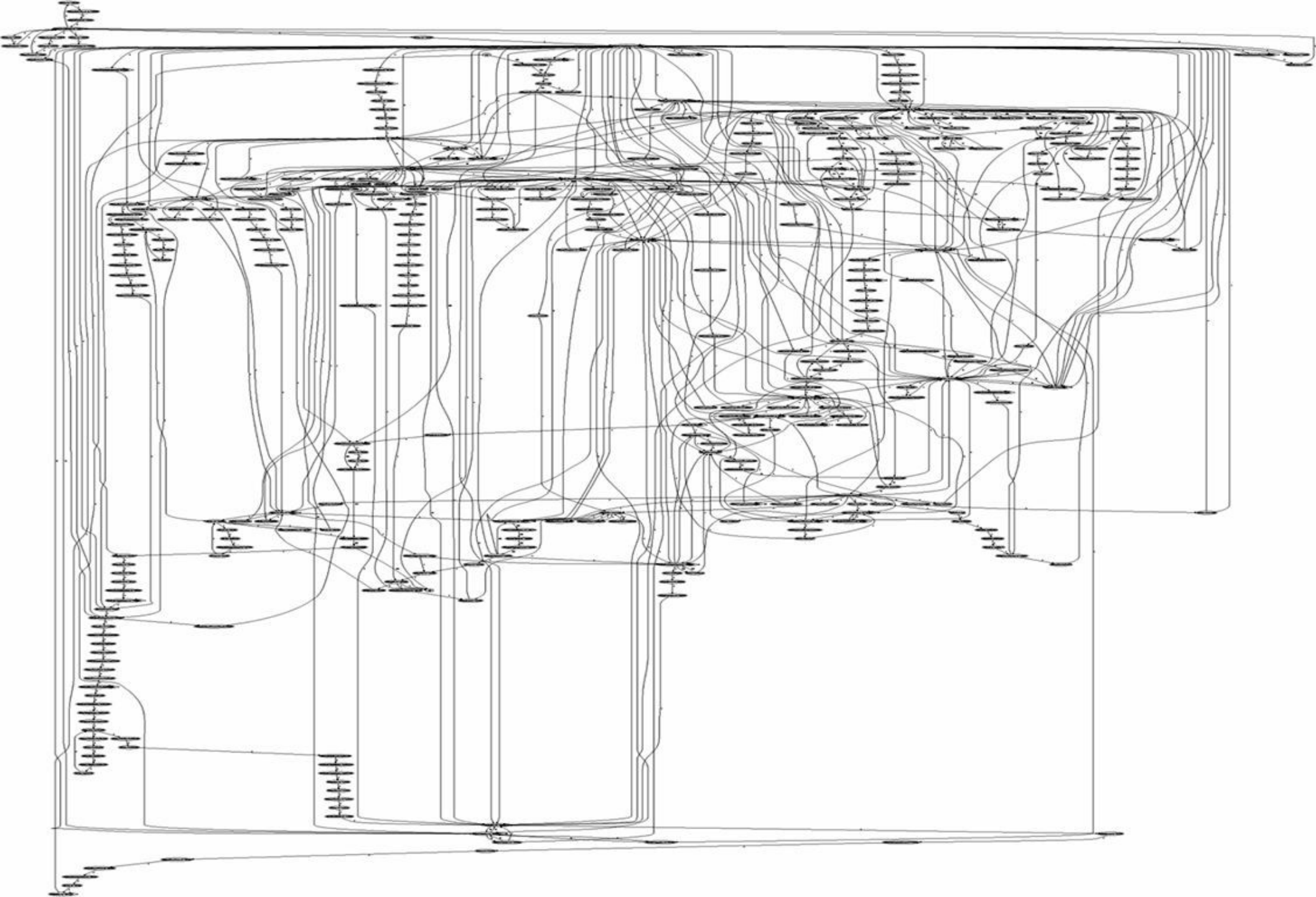
Segmentazione della memoria

Linux



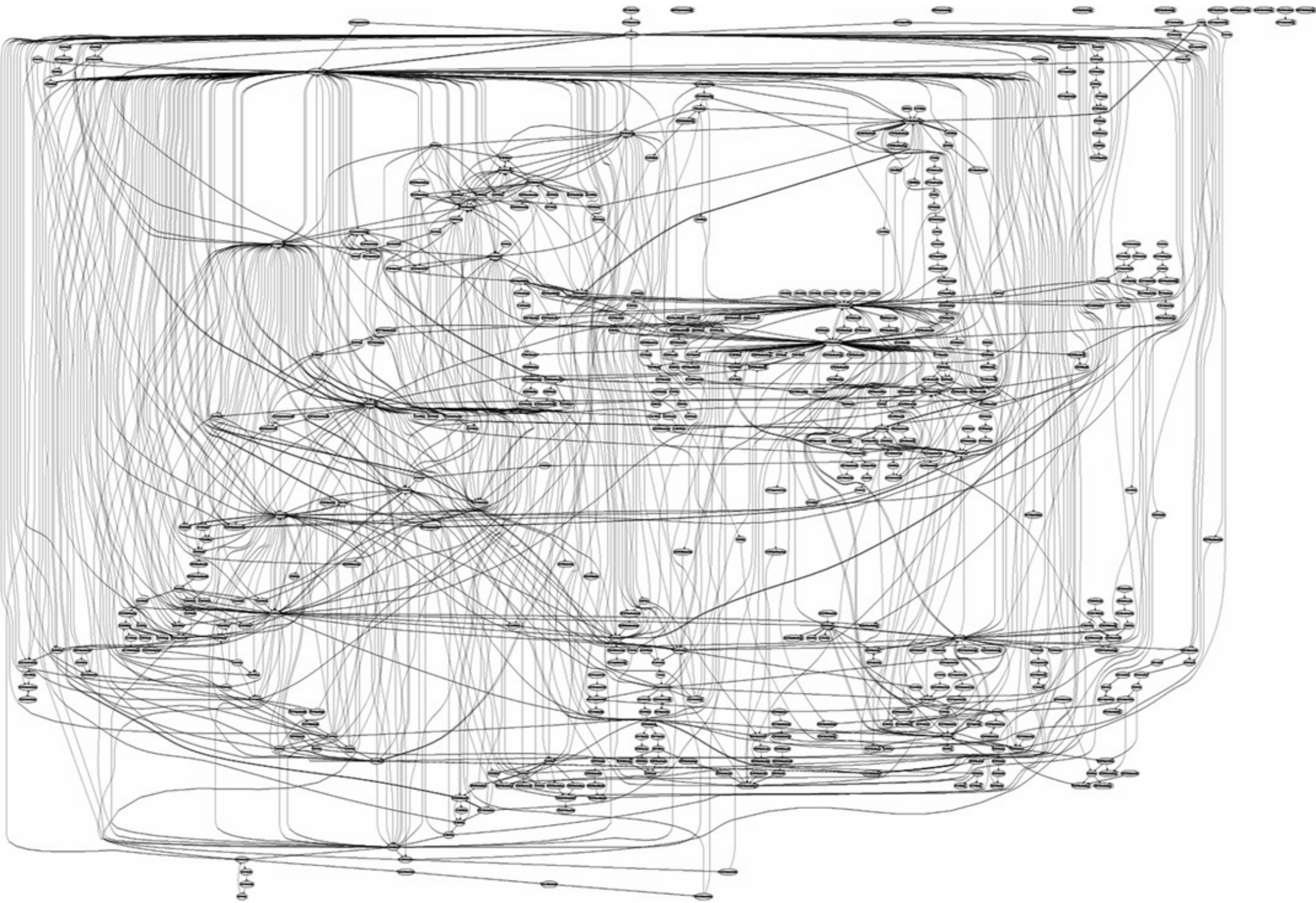
Windows





Syscall di Apache. Vi sembra complicato...?

Syscall di Microsoft IIS.



And the winner is...?

Suggerimento: non comincia per "W"! :)



Dov'è Linux?





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Libertà



The background of the slide features a close-up photograph of four smooth, grey stones stacked vertically on the left side. To the right of the stones, the sand is blown into a series of concentric, wavy patterns, creating a sense of movement and depth. The lighting is warm, casting soft shadows and highlighting the textures of the stones and sand.

Le 4 libertà del Software

- Libertà di usare il Software
- Libertà di studiare il Software
- Libertà di distribuire il Software
- Libertà di modificare il Software



Che cos'è il software?



*“L'hardware è tutto quello che puoi prendere a calci,
il software è tutto quello che puoi solo maledire.”*

The background of the slide features a stack of four smooth, grey stones on a sandy surface. The stones are stacked horizontally, with the top stone being the most prominent. The sand is light brown and has some subtle, concentric patterns drawn into it. The overall lighting is soft, creating a calm and contemplative atmosphere.

Le 4 libertà della Conoscenza

- Libertà di usare la Conoscenza
- Libertà di studiare la Conoscenza
- Libertà di distribuire la Conoscenza
- Libertà di modificare la Conoscenza



Le 4 libertà della Conoscenza

1 - Libertà di usare la Conoscenza

Art. 21: Tutti hanno diritto di manifestare liberamente il proprio pensiero

Le 4 libertà della Conoscenza

2 - Libertà di studiare la Conoscenza

- Art. 34: La scuola è aperta a tutti. L'istruzione inferiore è obbligatoria e gratuita.

Le 4 libertà della Conoscenza

3 - Libertà di distribuire la Conoscenza

Art. 21 - La stampa non può essere soggetta ad autorizzazioni o censure.



Le 4 libertà della Conoscenza

4 - Libertà di modificare la Conoscenza

Art. 33: L'arte e la scienza sono libere
e libero ne è l'insegnamento



Libero è bello!



Il piacere di poter scegliere

https://bugzilla.gnome.org/show_bug.cgi?id=78514



I would like to extend my thanks to the gnome team/community for a great last moment with my dad.

Adrian Hands (my father) wrote the patch above to improve the usability of gnome for himself and others. You see my dad was suffering from ALS and his hands were so crippled he could no longer use a keyboard. Thus we used a Darci usb morse code keyboard emulator to help him type. Even the morse code device was a struggle as the sensitivity adjustment and positioning of the nice two paddled key would fall out of whack. I rigged up a pvc cage that wrapped around his knee and fixed remote switches to the cage so that he could use the remaining strength in his legs to operate the Darci morse code device. He used this last bit of body movement to write this patch.

Here is a photo of him using it:

<https://picasaweb.google.com/HandsAdrian/ShotwellConnect#5549467460761802914>

My father passed away yesterday. I went back through my email to find our last correspondence (he was in India for treatment, and I live in Raleigh). I would like to share the email with you.

<email>

On Sun, Jan 30, 2011 at 12:16 PM, Adrian Hands <handsadrian@gmail.com> wrote:

> ACCEPTed

> COMMITed

> RESOLVED

> BOO-YAH!

>

> commit 0b209blff16e863e60ald86413aa57c5fbde76b0

> Author: Adrian Hands <handsadrian@gmail.com>

> Date: Fri Dec 31 14:34:58 2010 +0100

>

> Add Copy Image and Copy Path to clipboard functionality

>

> Fixes ~~bug 70514~~.

>

> data/eog-ui.xml | 9 ++++++

> src/eog-window.c | 63 ++

> 2 files changed, 72 insertions(+), 0 deletions(-)

I have the coolest Dad in the world!

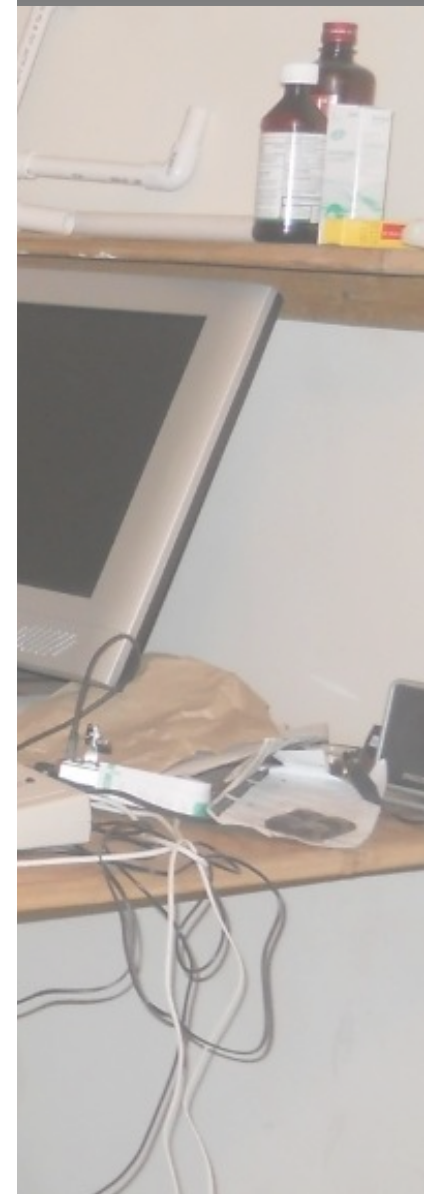
</email>

I am so glad that my last comment to my Dad was something like this.

Adrian Hands loved free software / open source. I do as well.

Thanks so much for the great software, and a new great memory.

-Ian Page Hands



A close-up, high-contrast photograph of a person's lips. The lips are coated in a vibrant, glossy red lipstick. The texture of the lips and the sheen of the lipstick are clearly visible. The background is out of focus, showing soft, warm tones of skin and hair.

*"Il Software è come il sesso:
è meglio quando è libero".*
(Linus Torvalds)

First they ignore you,
then they laugh at you,
then they fight you,
then you win.

-ghandi

L i n u x



Andrea Colangelo

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<http://andreacolangelo.com>