



Che cos'è il Software

LIBERO

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SCUOLA MEDIA PUPILLI, GROTTAZZOLINA – 29 APRILE 2015

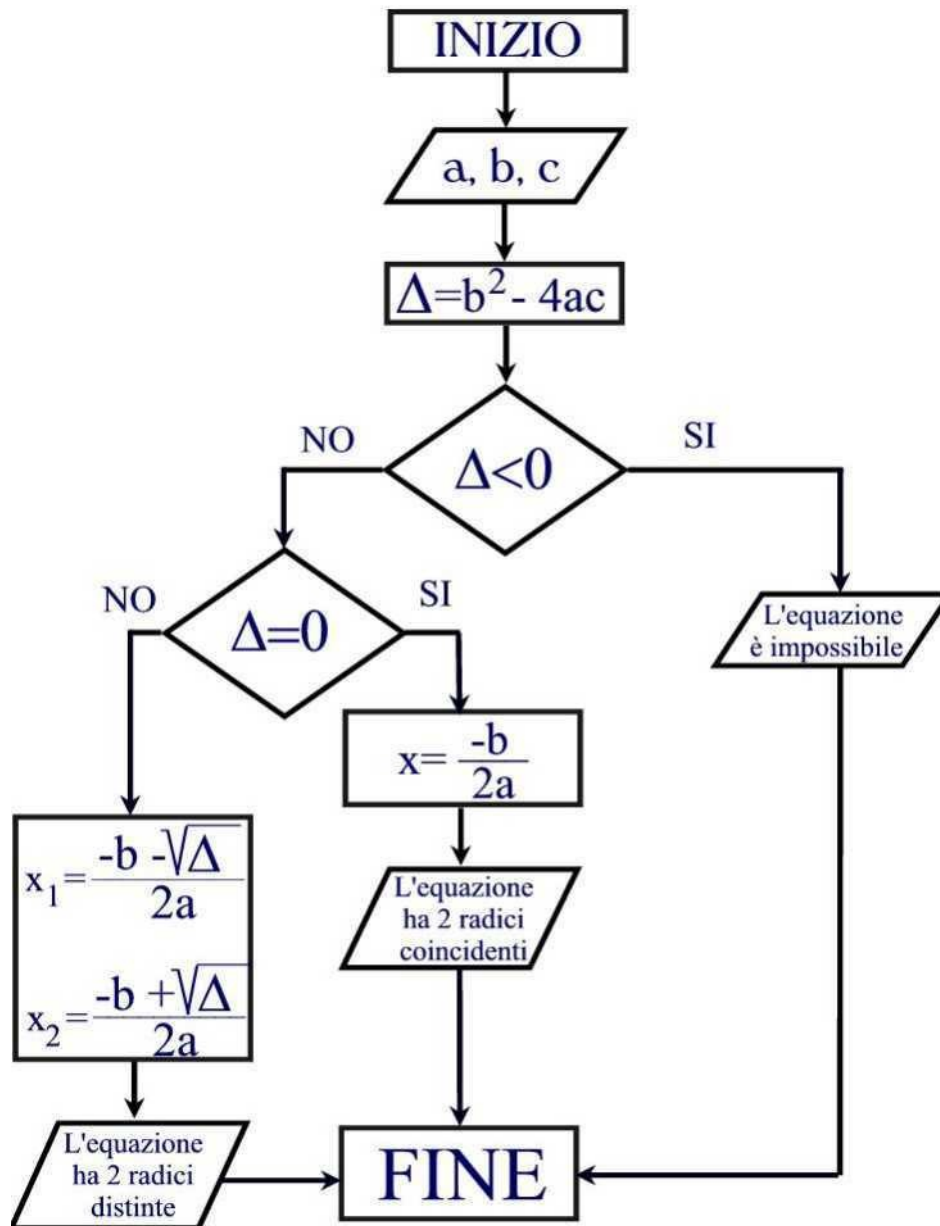
COS'È IL SOFTWARE?

HARDWARE

è tutto quello che puoi prendere a calci.

SOFTWARE

è tutto quello che puoi solo maledire.



ALGORITMO



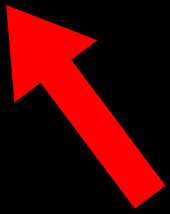
LINGUAGGIO



SOFTWARE

```
#!/usr/bin/python
# Copyright (C) 2013 Andrea Colangelo <warp10@ubuntu.com>
# Released under the terms of GNU GPL (see: http://www.gnu.org/licenses/gpl-3.0.txt)
```

```
import sys
import math
```

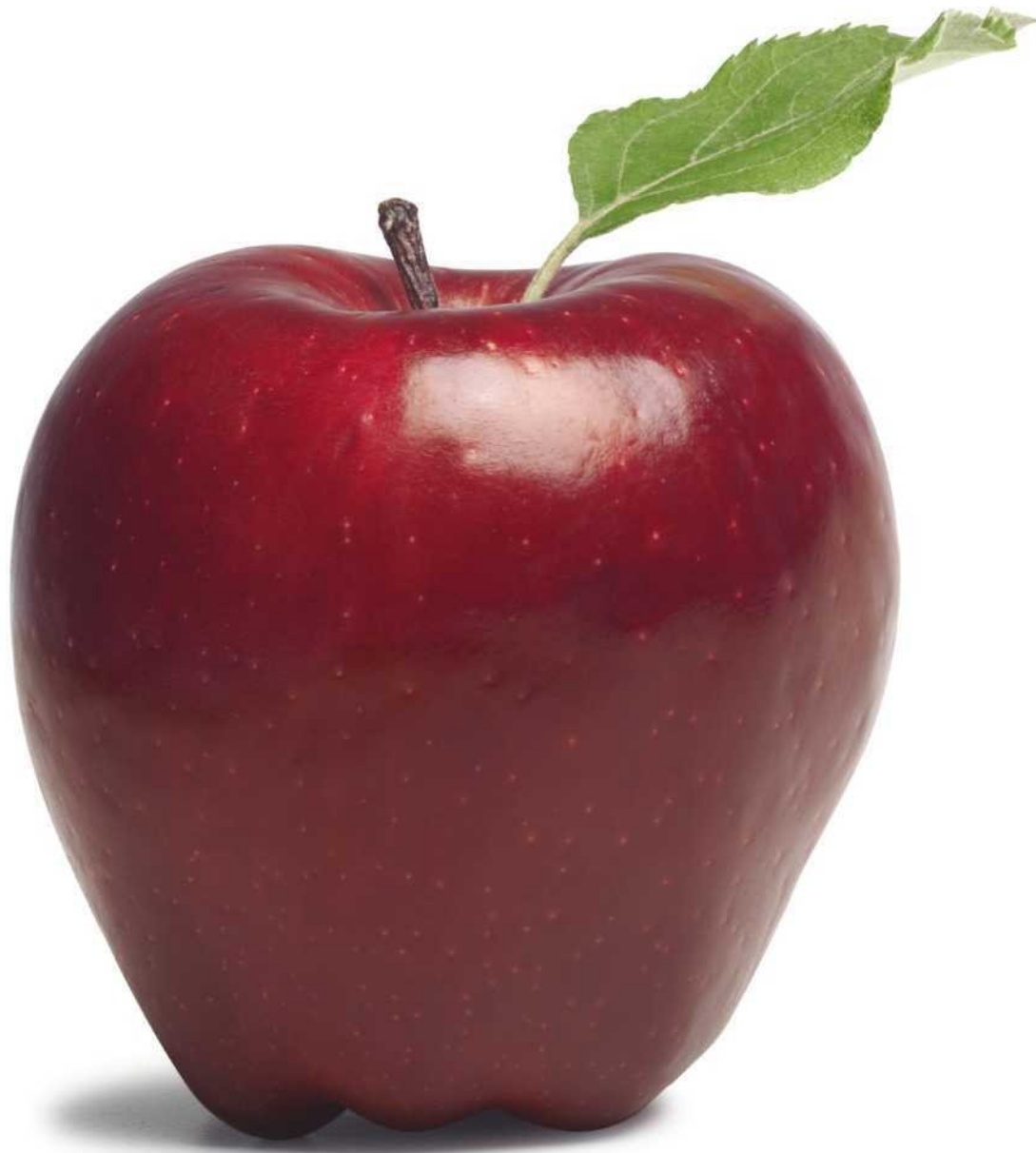


```
class Equation():
    def __init__(self, a, b, c):
        self.a, self.b, self.c = a, b, c
        self.delta = self.__calculate_delta()

    def __calculate_delta(self):
        return (self.b ** 2) - (4 * self.a * self.c)

    def solve(self):
        if self.delta < 0:
            print "No real solutions."
        elif self.delta == 0:
            print "Two coincident solutions: ", str(-self.b / (2 * self.a))
        else:
            sqrd_delta = math.sqrt(self.delta)
            print "First real solution: ", str((-self.b + sqrd_delta) / (2 * self.a))
            print "Second real solution: ", str((-self.b - sqrd_delta) / (2 * self.a))

if __name__ == "__main__":
    try:
        a, b, c = sys.argv[1:4]
        a, b, c = float(a), float(b), float(c)
    except:
        print "Three numerical coefficients required. Aborting.", sys.exit()
    equation = Equation(a, b, c)
    equation.solve()
```



Mele
VS
Idee



Richard
STALLMAN

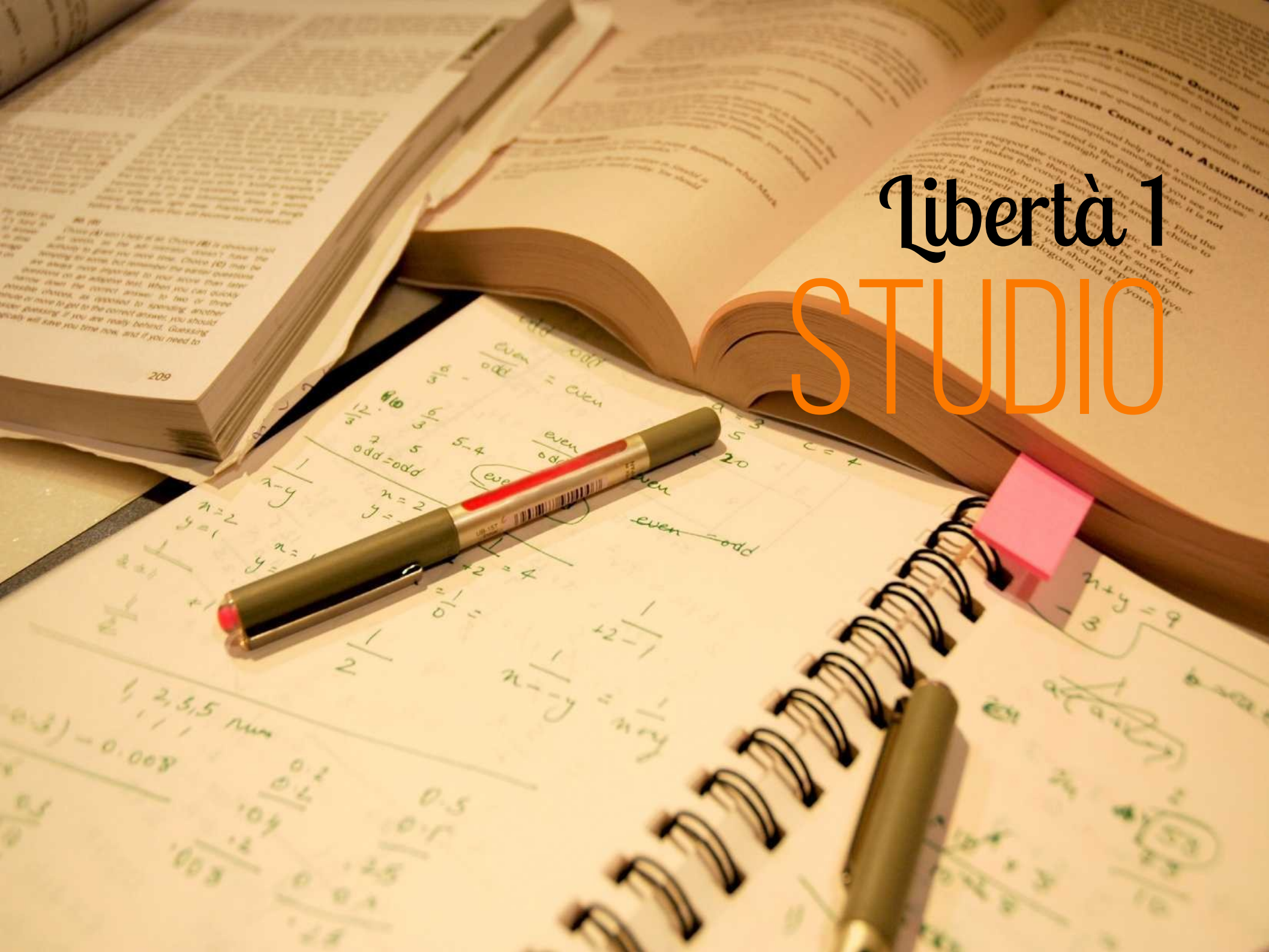


COS'È IL SOFTWARE LIBERO?

A close-up photograph of a young child with curly hair, looking over the top edge of a laptop screen. The child's face is partially visible above the screen, and they are looking directly at the camera with a slight smile. The background is blurred, showing what appears to be a patterned surface. The text "Libertà 0" is overlaid on the left side in a black serif font, and "UTILIZZO" is overlaid below it in a large, orange, outlined sans-serif font.

Libertà 0
UTILIZZO

Libertà 1 STUDIO





Libertà 2 COPIA

Libertà 3
MODIFICA

COS'È IL SOFTWARE LIBERO?

(VERSIONE SEMPLIFICATA)

LO USO

come mi pare

LO MODIFICO

come mi pare

LO COPIO

a chi mi pare

LO COPIO

**a chi mi pare
...anche modificato!**

Libero è
BELLO





Libero è
VANTAGGIOSO

A CHE SERVE IL SOFTWARE LIBERO?

A non BESTEMMIARE

Now the record shows that
deleted columns are
CHKDZK is left-hand

Windows will now check
that log continues.
will cause the disk to
one of log disks used

Log file is 02.
the type of the file is
checking the system on

A tenere lontani gli
SCOCCIATORI

A first-person perspective looking down at a person's feet standing on a dark blue carpet. The person is wearing white sneakers and dark trousers. Directly in front of their feet is a rectangular doormat with a brown border and a dark blue center. The doormat has the text "OH SHIT NOT YOU AGAIN" in a light brown, blocky font. The mat is placed on a small wooden step leading up to a white door. To the right of the door, a white umbrella is leaning against the wall. The scene is lit with soft, indoor lighting.

OH SHIT NOT
YOU AGAIN

A non

AMMALARSI



A fare
SOLDI

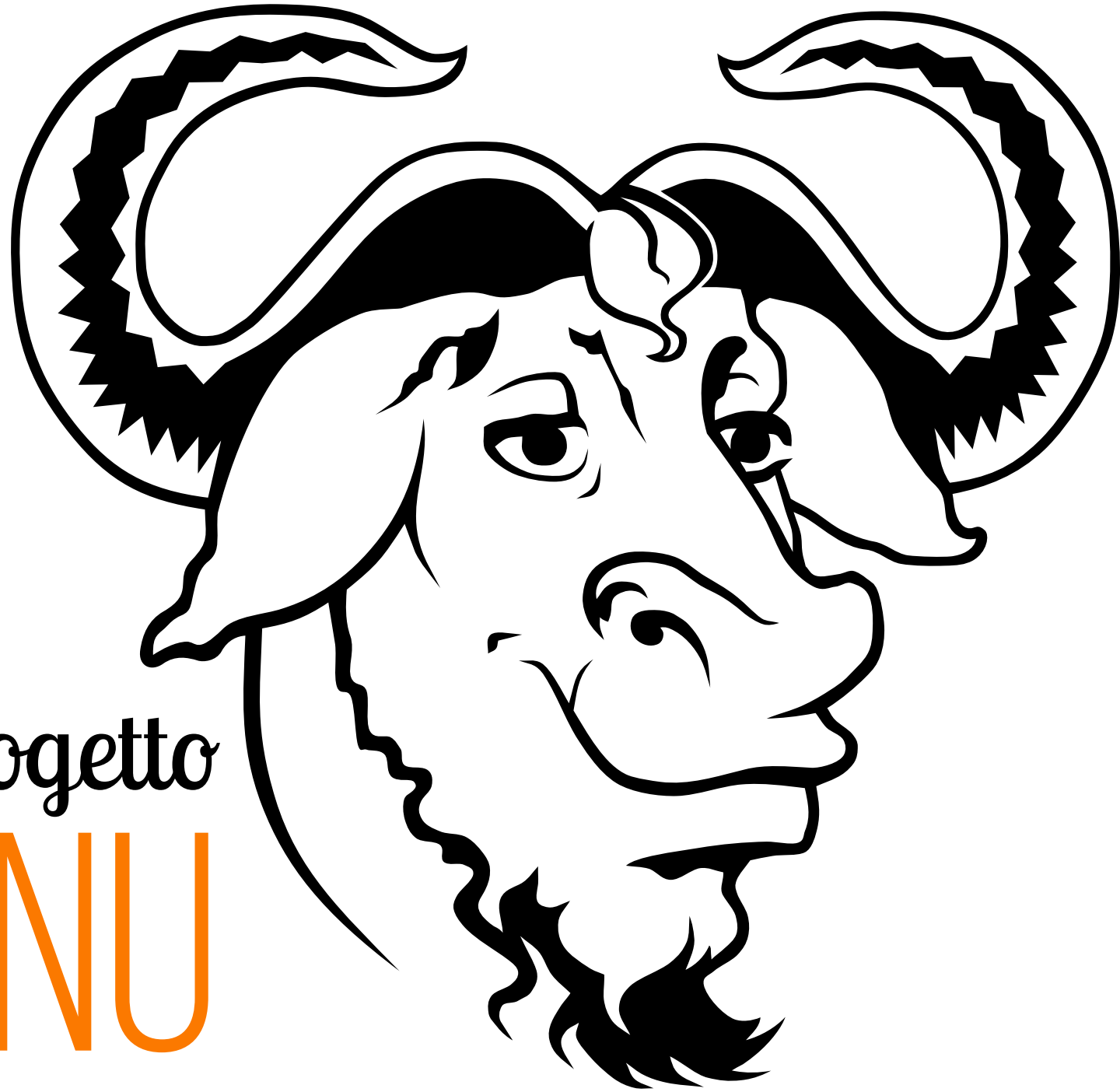






1.535.000.000 \$

COS'È' LINUX?



1983: il progetto
GNU



Sistema operativo...
Kernel...

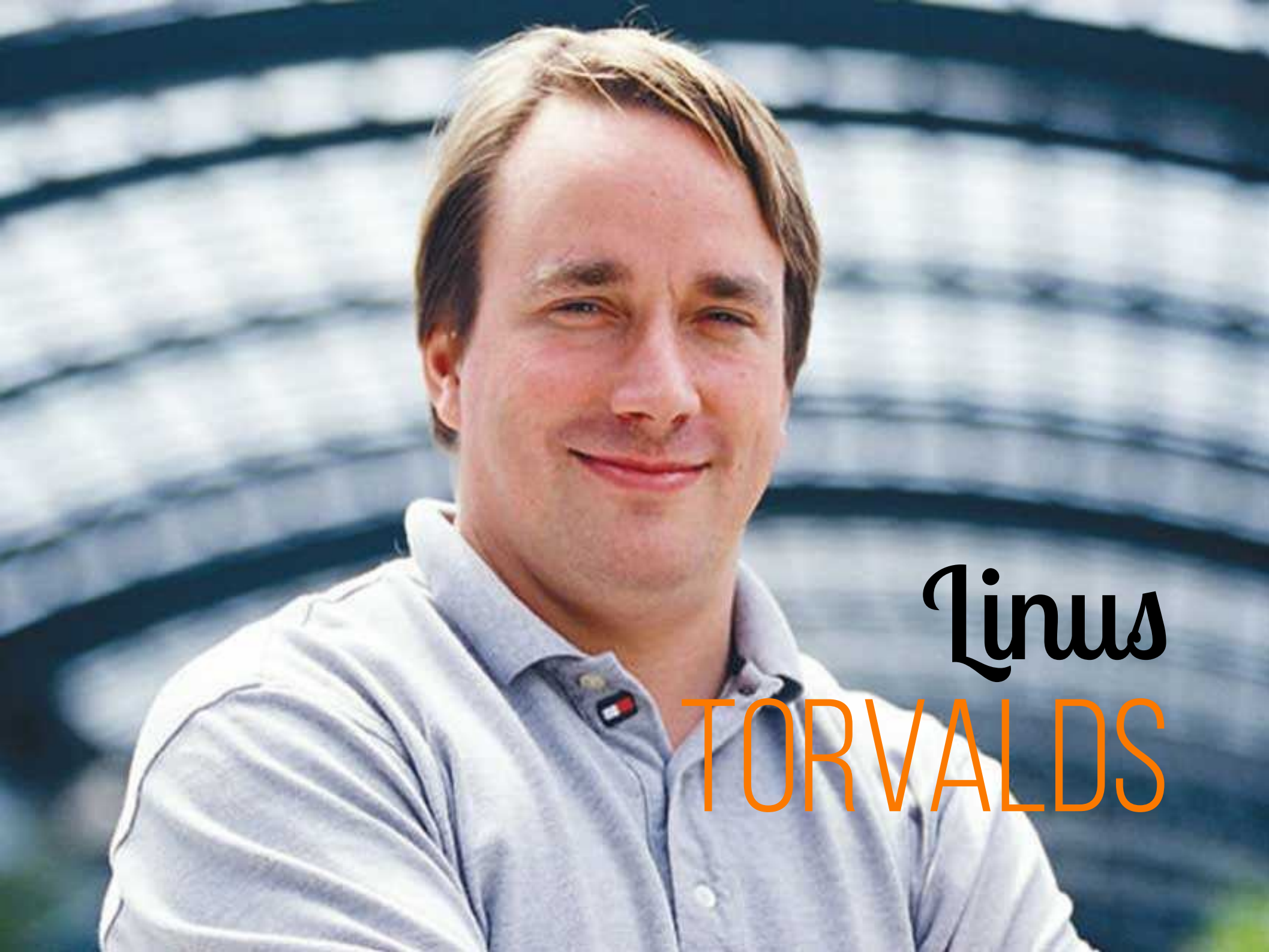
UH?

Sistemi operativi FAMOSI



KERNEL





Linus
TORVALDS

comp.os.minix

Message from discussion [What would you like to see most in minix?](#)

Linus Benedict Torvalds [View profile](#)

[More options](#) Aug 26 1991, 2:12 am

Hello everybody out there using minix -

I'm doing a (free) operating system (just a hobby, won't be big and professional like gnu) for 386(486) AT clones. This has been brewing since april, and is starting to get ready. I'd like any feedback on things people like/dislike in minix, as my OS resembles it somewhat (same physical layout of the file-system (due to practical reasons) among other things).

I've currently ported bash(1.08) and gcc(1.40), and things seem to work. This implies that I'll get something practical within a few months, and I'd like to know what features most people would want. Any suggestions are welcome, but I won't promise I'll implement them :-)

Linus (torva...@kruuna.helsinki.fi)

PS. Yes - it's free of any minix code, and it has a multi-threaded fs. It is NOT protable (uses 386 task switching etc), and it probably never will support anything other than AT-harddisks, as that's all I have :-).

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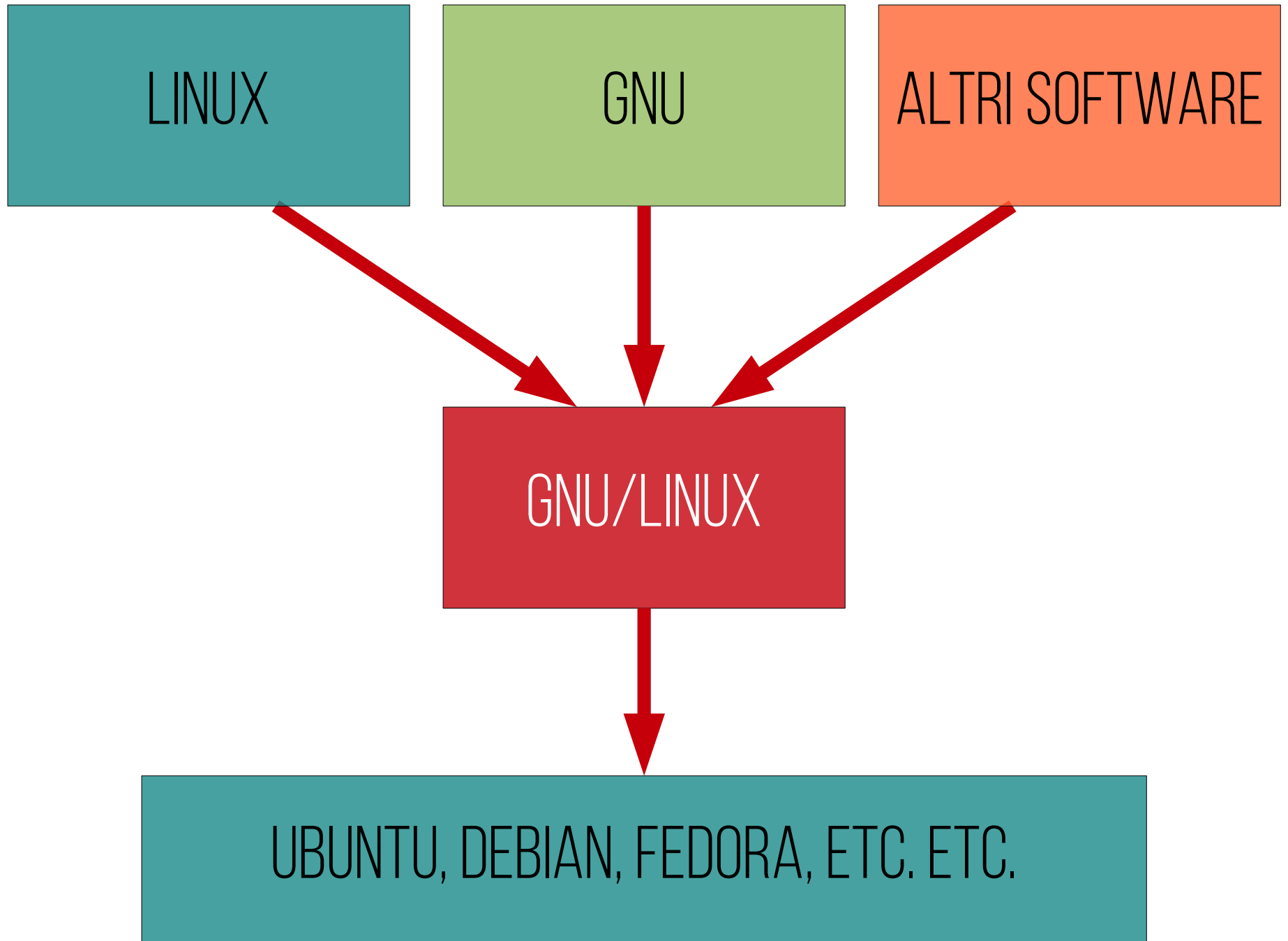


Powered By

GNU/Linux



DISTRIBUZIONI



COSA CI SI FA COL SOFTWARE LIBERO?

Ci si fanno i

TELEFONINI





...e i

TELEVISORI

... e tanta altra roba

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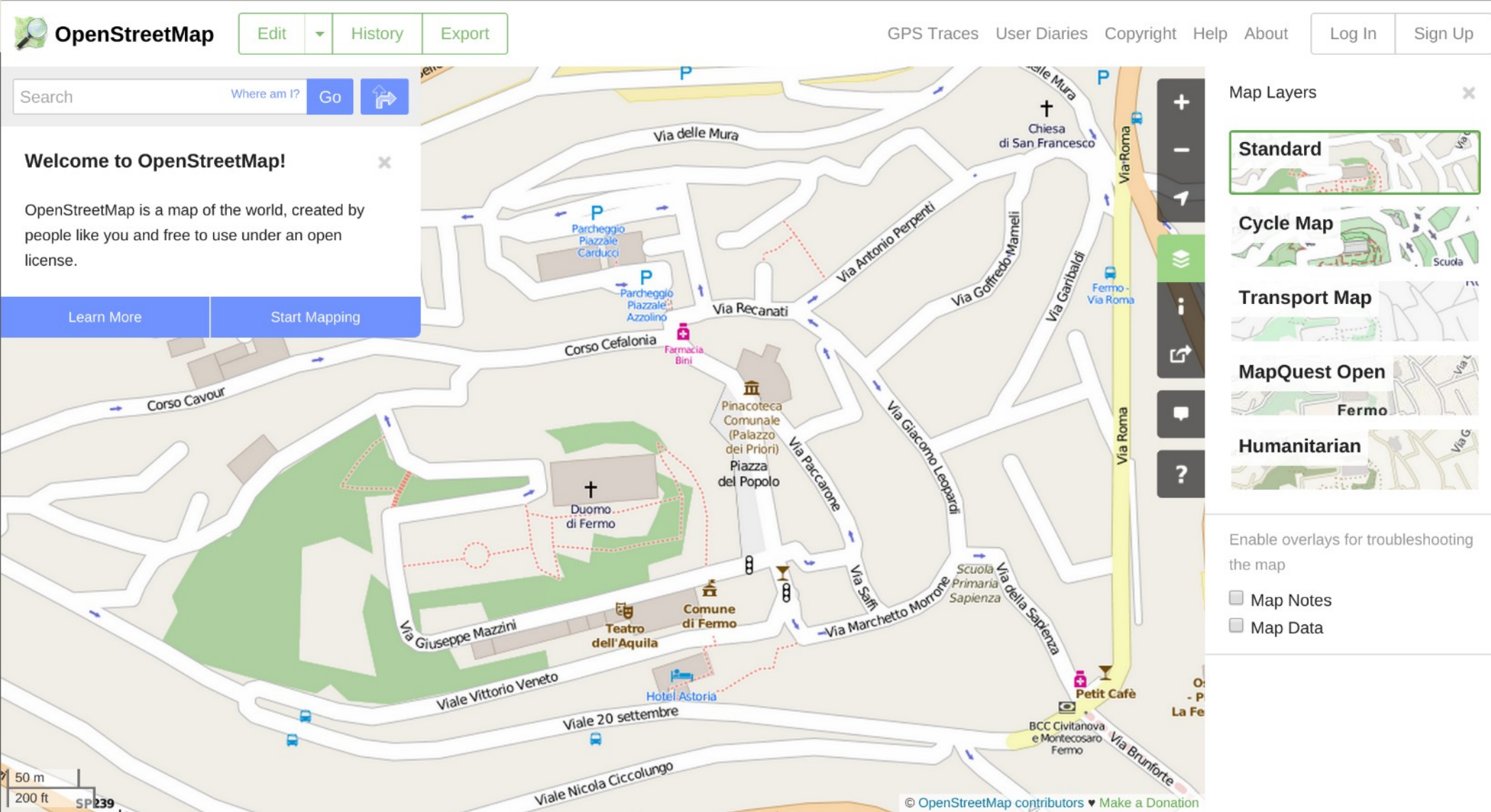


English



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Ci si fanno le mappe
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Ci si fanno cose SCHEME

**Grouchery says:**

I never forget a face, but in your case I'll be glad to make an exception. (Groucho Marx)

Grouchery Configuration

Fortunes Options

Available fortunes:

If I held you any closer I would be on the other side of you. (Groucho Marx)
Before I speak, I have something important to say. (Groucho Marx)
I worked my way up from nothing to a state of extreme poverty. (Groucho Marx)
The secret of life is honesty and fair dealing. If you can fake that, you've got it made. (Groucho Marx)
I refuse to join any club that would have me as a member. (Groucho Marx)
I have had a perfectly wonderful evening, but this wasn't it. (Groucho Marx)
Behind every successful man is a woman, behind her is his wife. (Groucho Marx)
I must say I find television very educational. The minute somebody turns it on, I go to the library and
Anyone who says he can see through women is missing a lot. (Groucho Marx)
Well, Art is Art, isn't it? Still, on the other hand, water is water. And east is east and west is west and
I'm not feeling very well - I need a doctor immediately. Ring the nearest golf course. (Groucho Marx)

Remove

Add

Load from file

Annulla

Salva



Ci si guidano i
TRENI

A close-up, over-the-shoulder view of an air traffic controller in a dark room. The controller, wearing a headset with a microphone, is looking at a large circular radar display. The display shows a map of Europe with several yellow aircraft icons and green radar lines. The controller's hand is visible, holding a small white cup. The radar console is filled with various buttons and controls, some labeled with text like 'RANGE STORM', 'DECREASE', 'INCREASE', 'CURSOR DECENTERING', 'OFF CENTER', 'CENTER', 'SWEEP ON/OFF', 'GATED MTI', 'ON BACKO', 'FOCUS', 'MTI INTERVAL', 'SPAT VIBRO 2', 'SPAT VIBRO 3', 'ON', 'OFF', 'ENHANCE', 'LOW PTC', 'NOISE', 'ON', 'OFF', 'ON', 'OFF', 'ON', 'OFF'.

Ci si controllano gli
AEREI

Ci si costruisce
INTERNET

THE INTERNET

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Ci si fa la
GUERRA



Ci si fa la PACE

nepal: children down every path 

 next story 



Ci si capisce
L'UNIVERSO



Ci si costruisce il
IL SUPERCOMPUTER
più potente del mondo



FREE
software

FREE
society