
Desde el Software Libre hasta la Cultura Libre

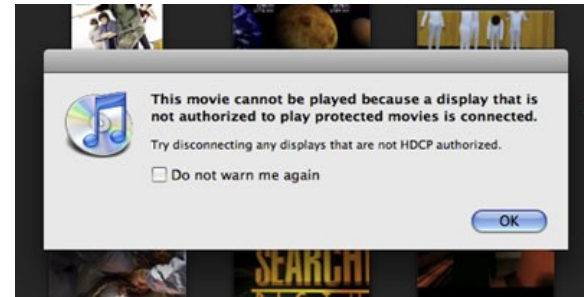
Miriam Ruiz <miriam@debian.org>

Mesa redonda: “El Paradigma de la Cultura Libre”
Facultad de Informática – Universidad Complutense de Madrid
Diciembre de 2014

La guerra contra las copias



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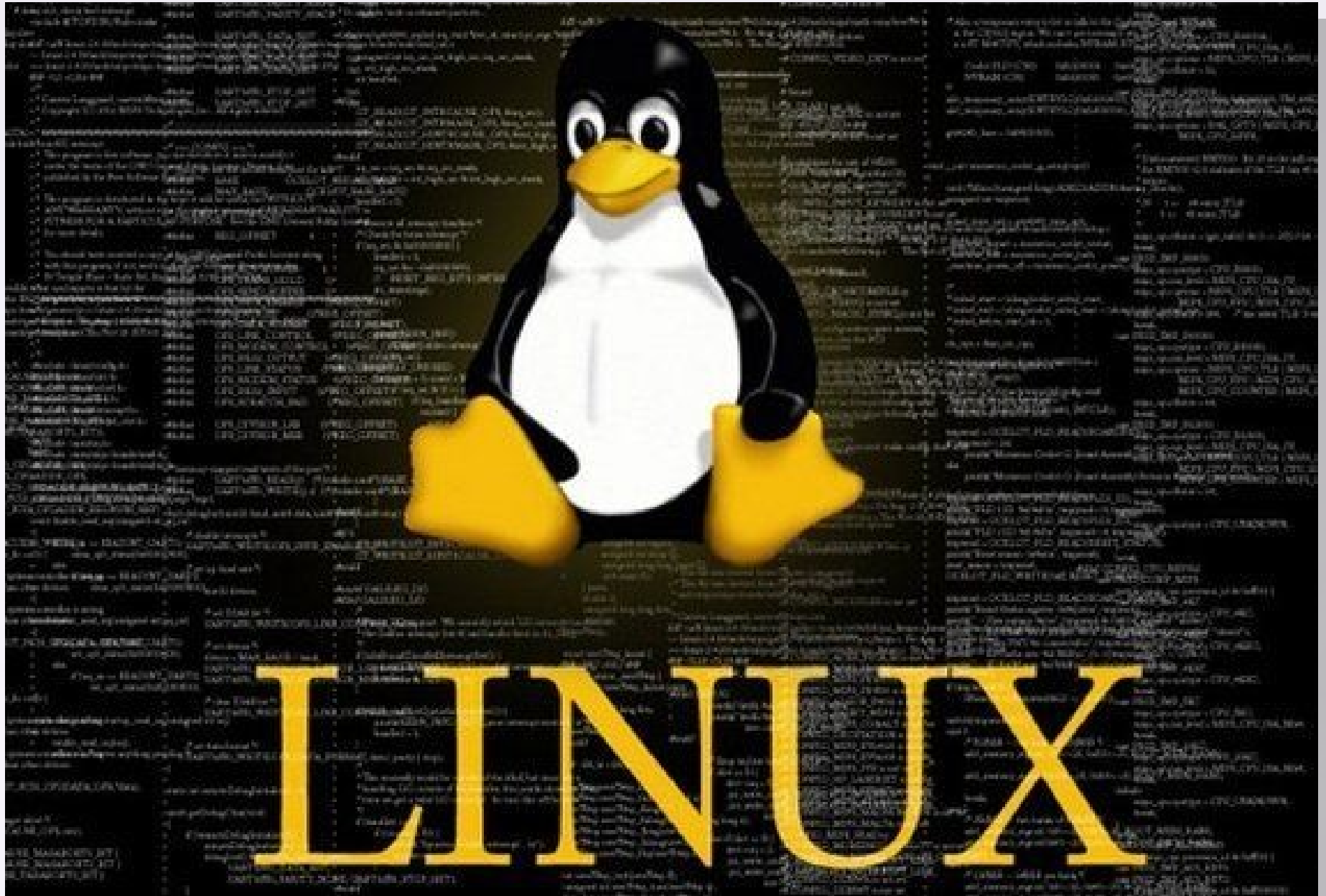
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Hacking the locks!



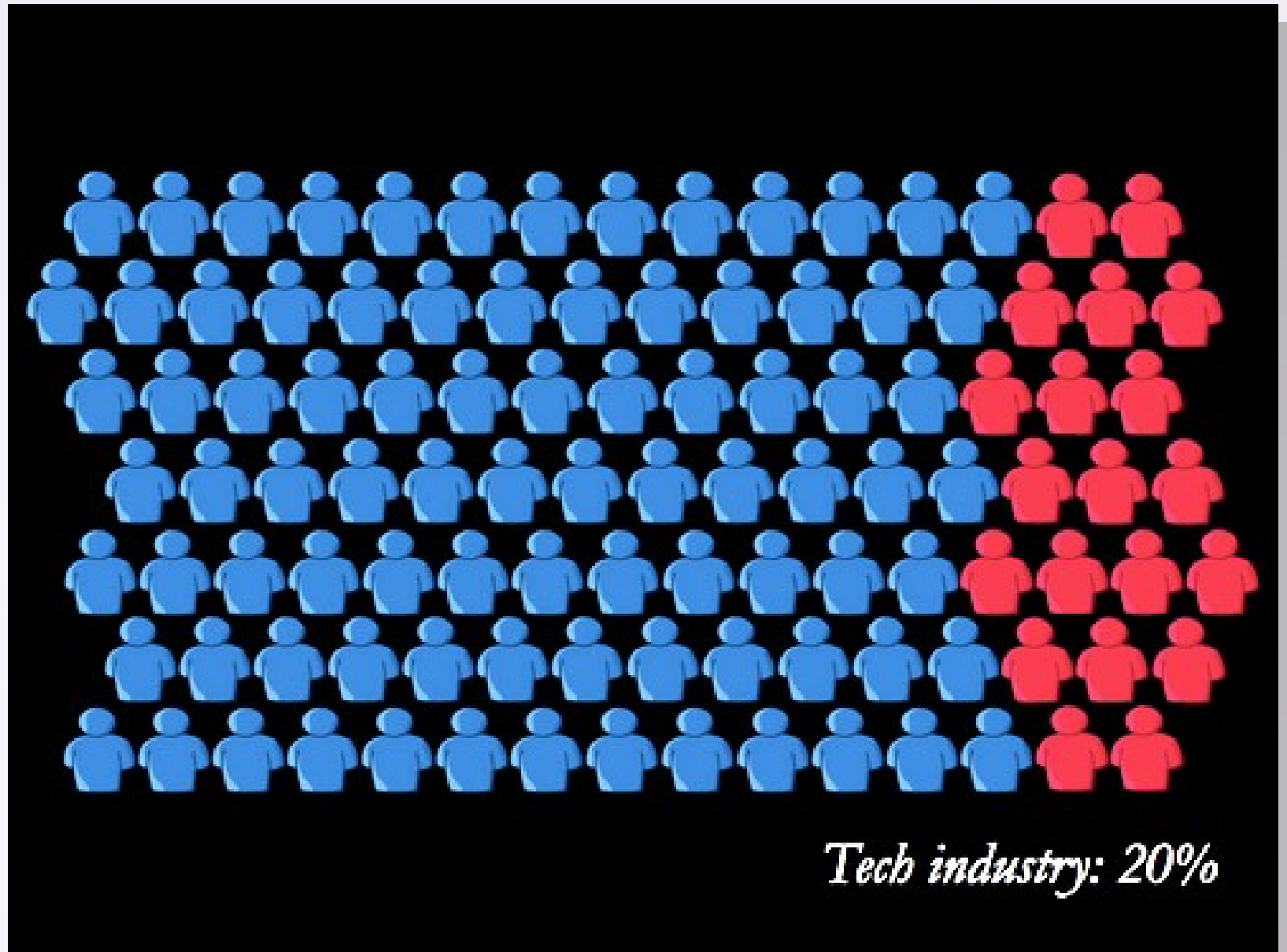
¡GNU/Linux! ¡Es Gratis! ¡Es Libre!



DebConf 4, Porto Alegre (Brazil)



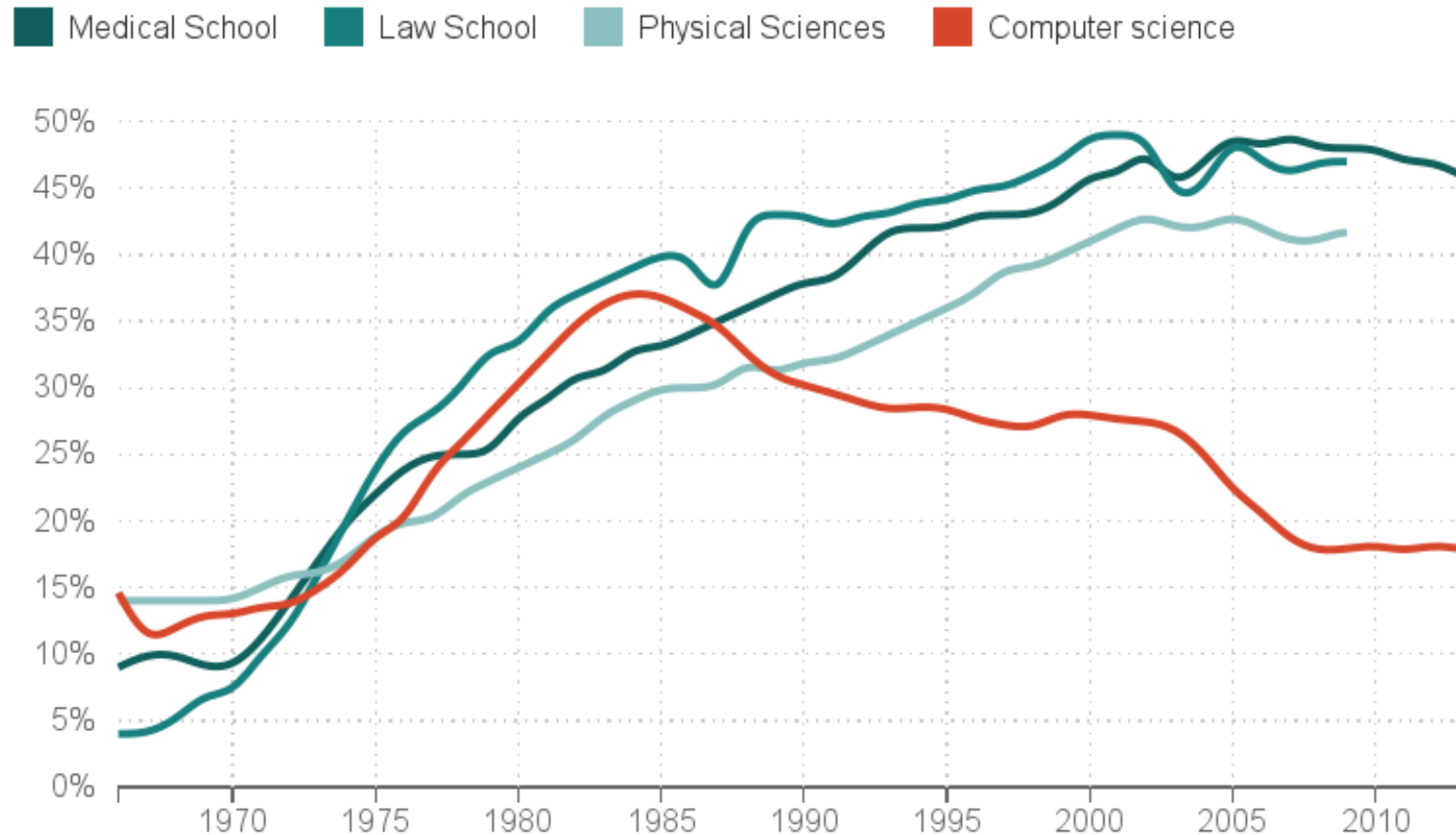
Mujeres en la Tecnología



Mujeres en Informática

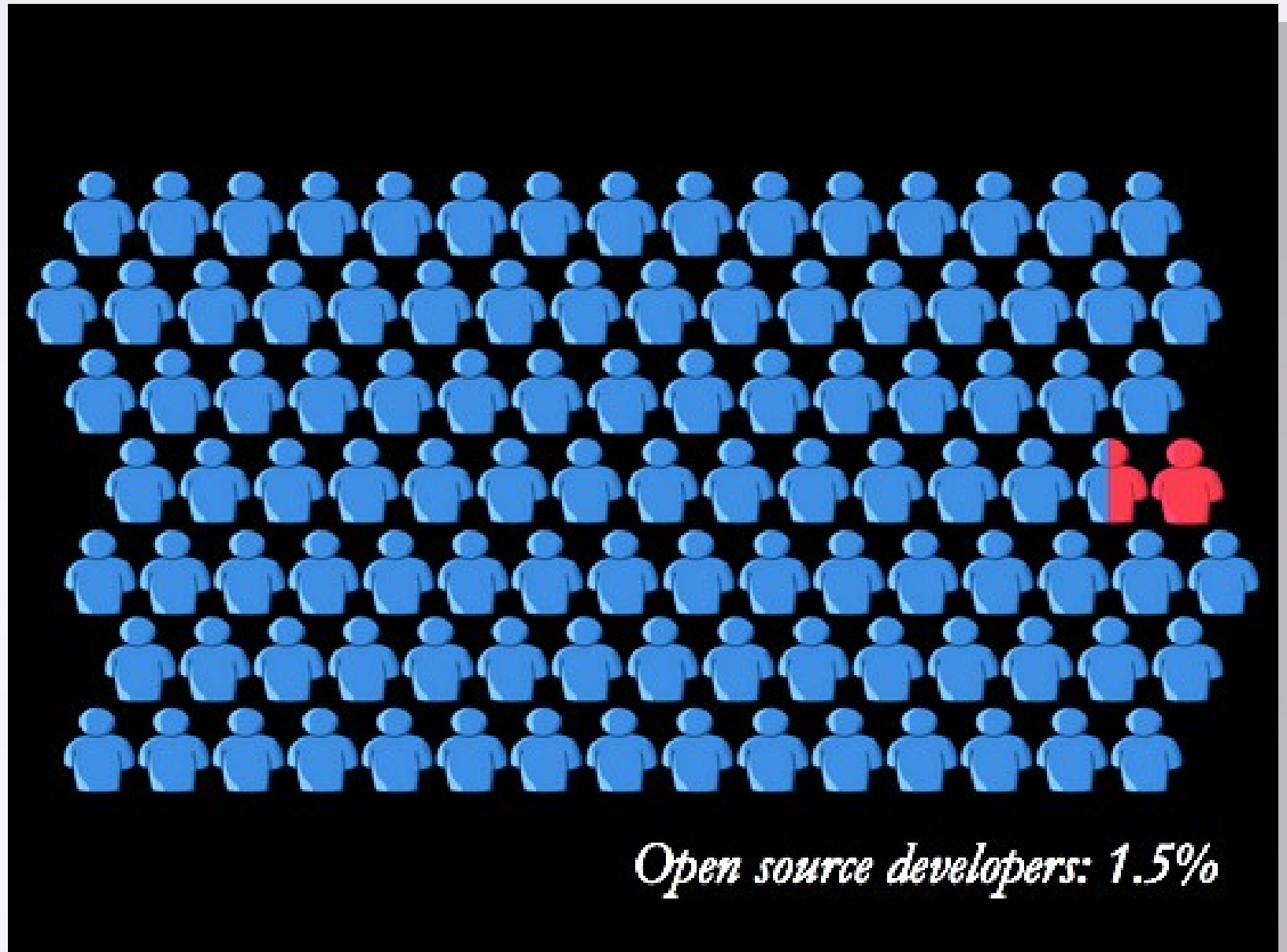
What Happened To Women In Computer Science?

% Of Women Majors, By Field



Source: National Science Foundation, American Bar Association, American Association of Medical Colleges
Credit: Quoc Trung Bui/NPR

Mujeres en el Software Libre

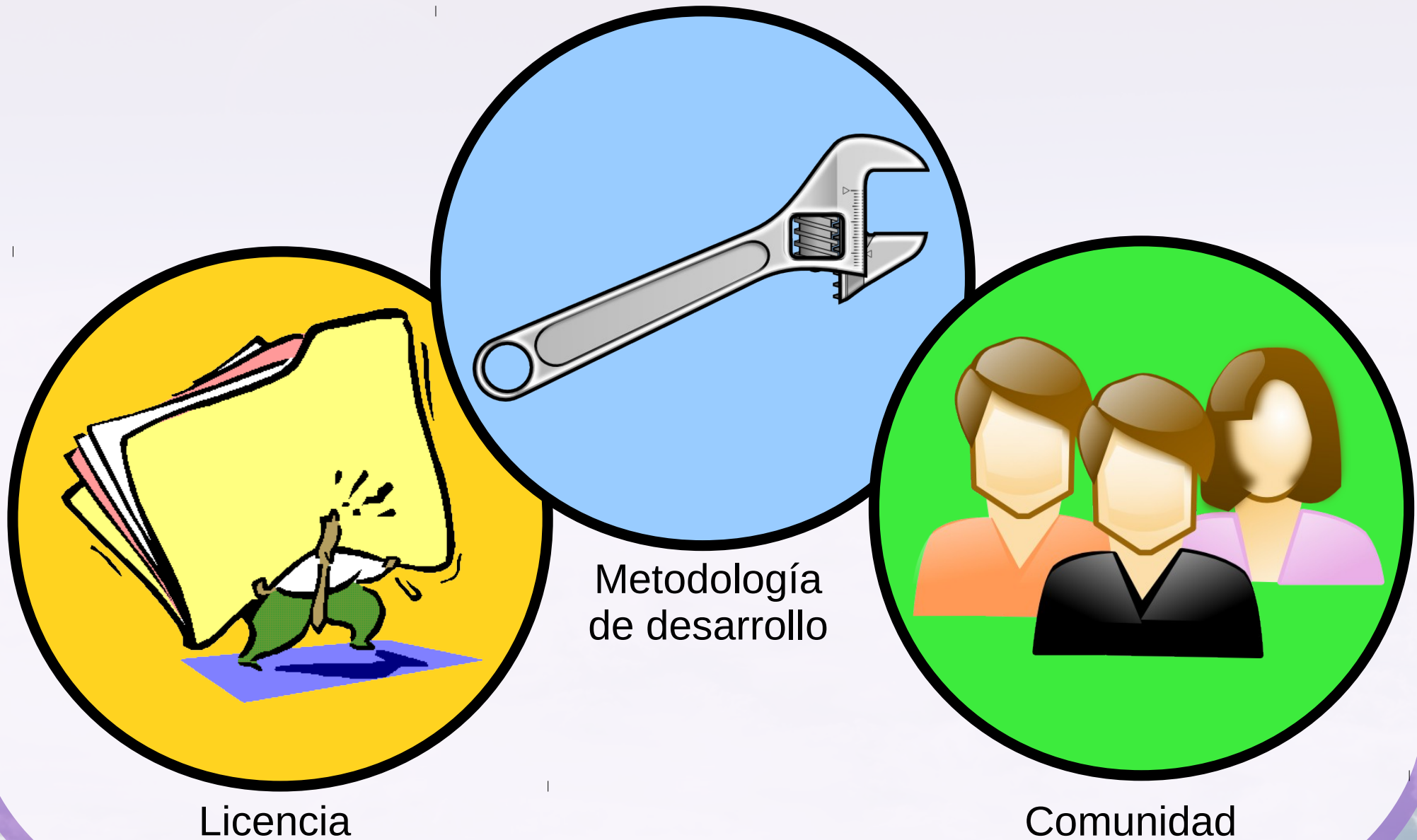


Debian GNU/Linux



debian

Desde la Licencia a la Comunidad



Comunidades de Software Libre

**Grandes
corporaciones**

**Gobiernos y
Administraciones
Públicas**

**Asociaciones y
fundaciones**

**PYMEs,
profesionales,
autónomos**

**Organizaciones
no
gubernamentales**

**Universidades y
centros
formativos**

**Activistas
sociales**

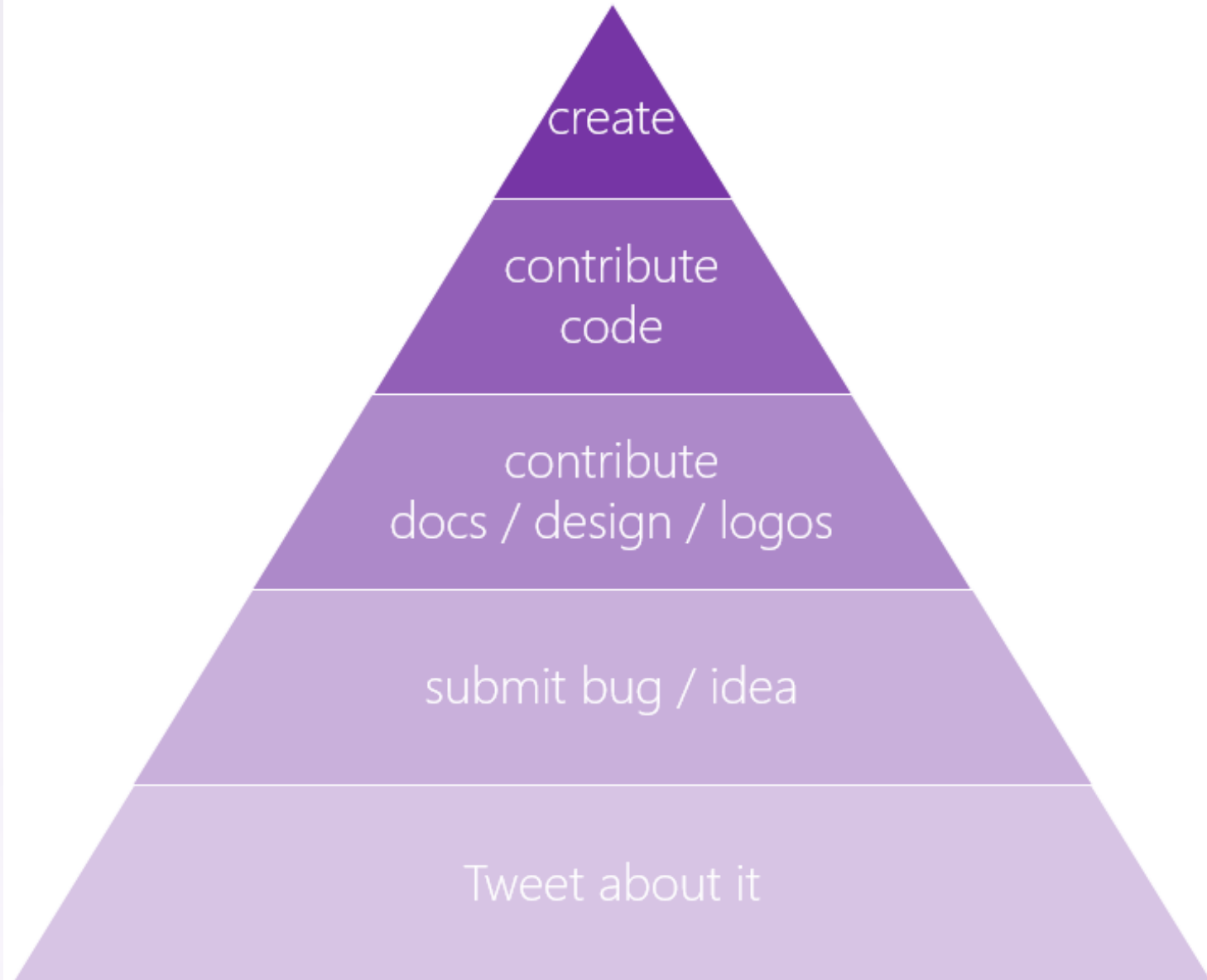
Estudiantes

**Personas
particulares y
voluntarios/as**

**Centros
tecnológicos y de
investigación**

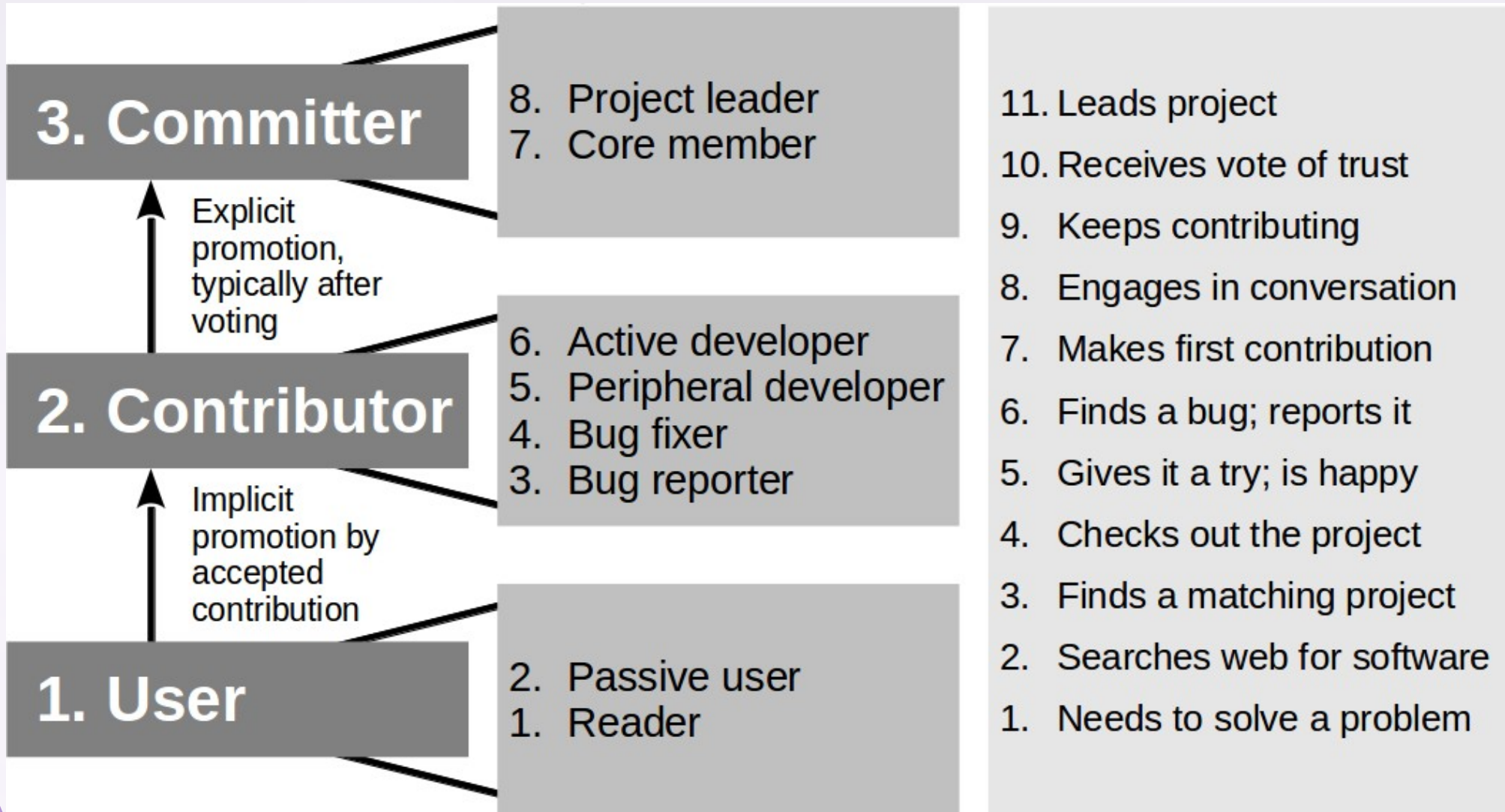
**Artistas y
personas
creativas**

La meritocracia

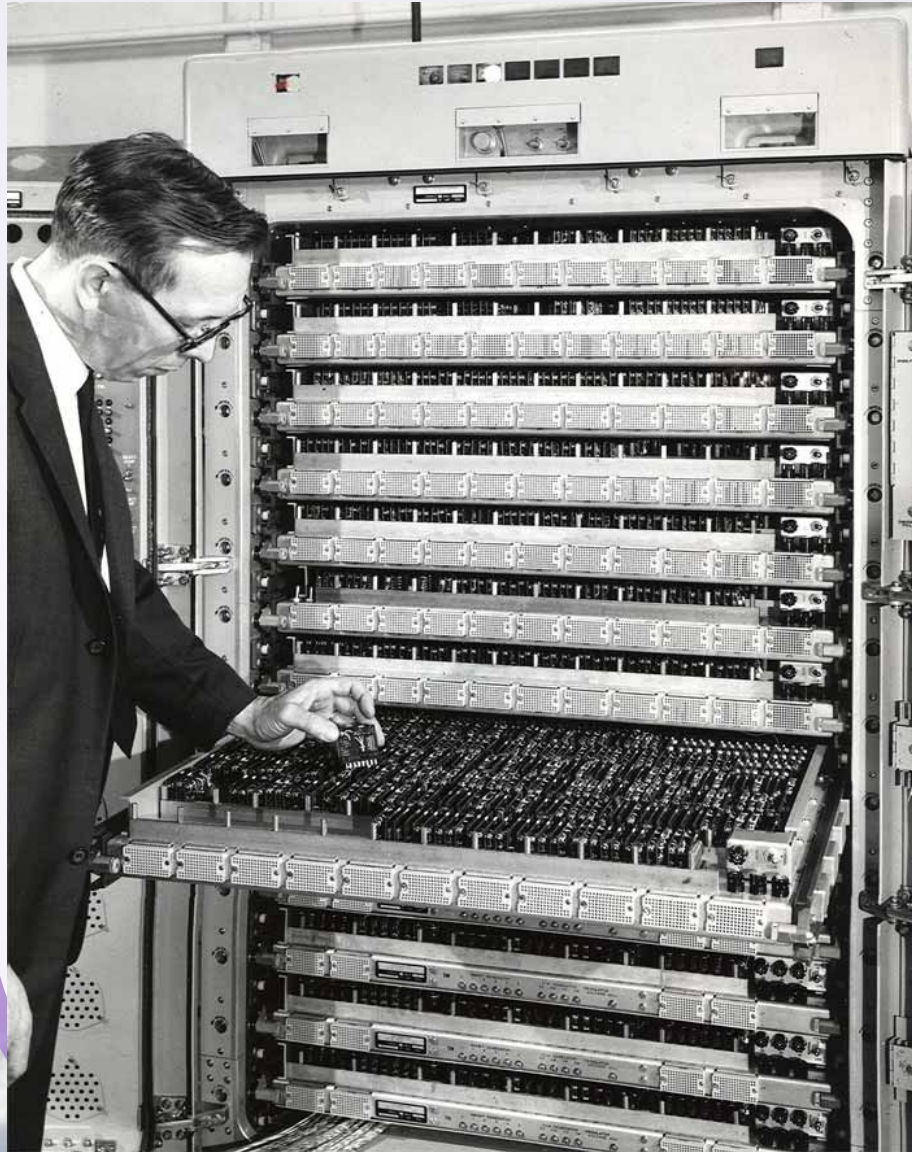


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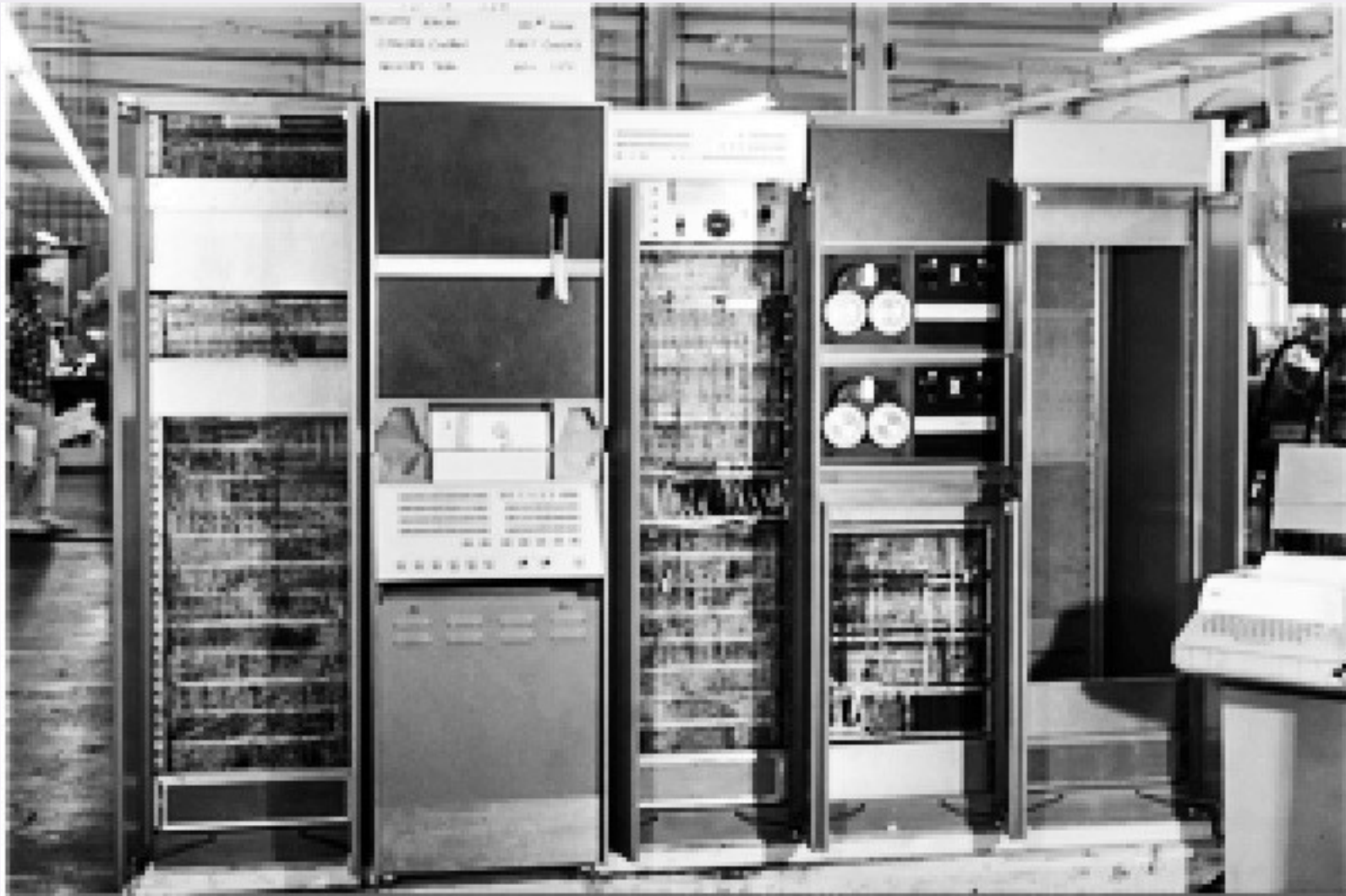
Colaboración en proyectos de Software Libre



Los años 1960s



DEC PDP-7



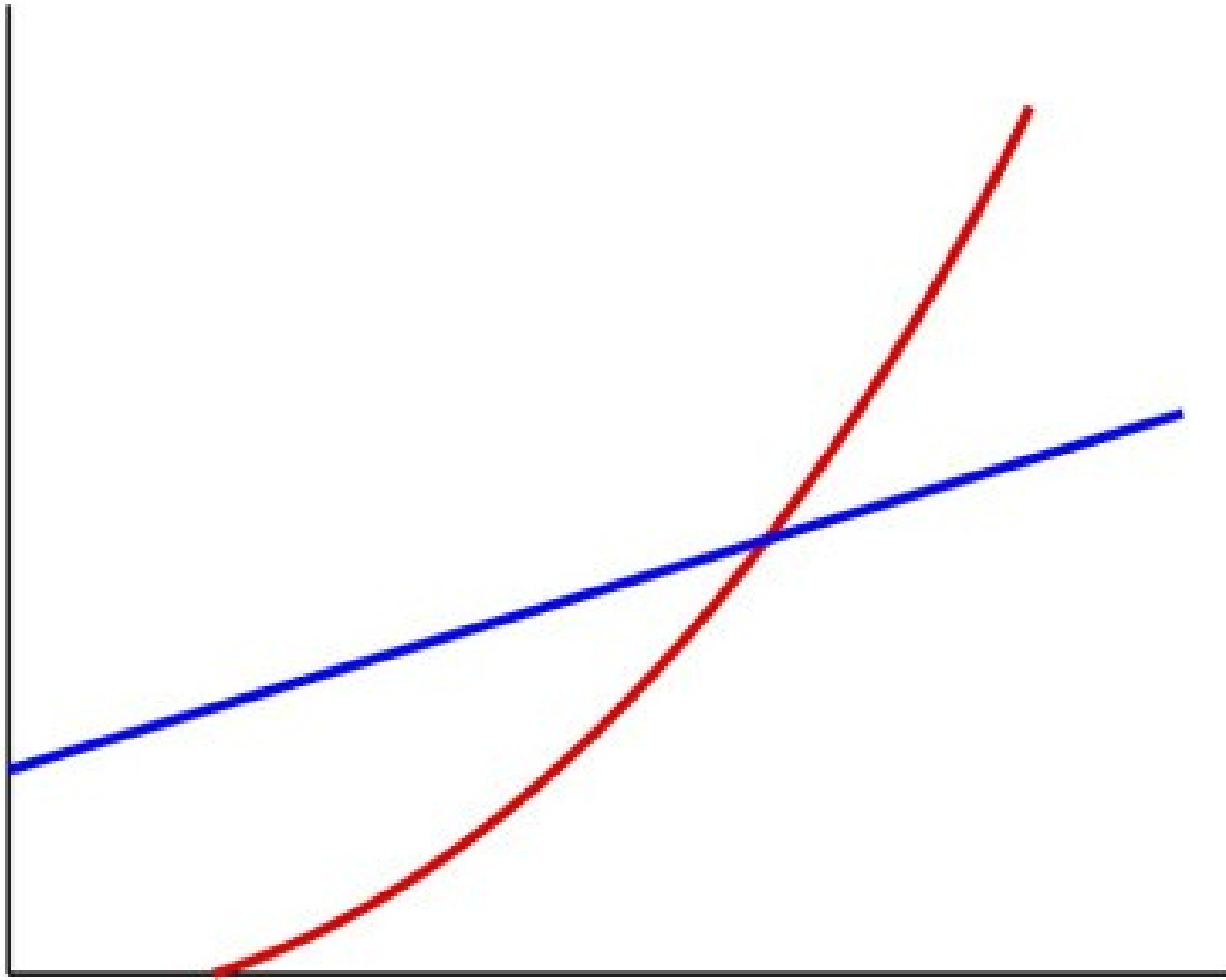
UNIX fue creado por Ken Thompson y Dennis Richie
en un DEC PDP-7

Origen de UNIX



Dennis Ritchie (de pie) y Ken Thompson comienzan a portar UNIX al PDP-11 mediante dos terminales Teletype 33

Cuando el valor del Software supera al Hardware



Williams H. Gates III: “Me estás robando”

February 3, 1976

An Open Letter to Hobbyists

To me, the most critical thing in the hobby market right now is the lack of good software courses, books and software itself. Without good software and an owner who understands programming, a hobby computer is wasted. Will quality software be written for the hobby market?

Almost a year ago, Paul Allen and myself, expecting the hobby market to expand, hired Monte Davidoff and developed Altair BASIC. Though the initial work took only two months, the three of us have spent most of the last year documenting, improving and adding features to BASIC. Now we have 4K, 8K, EXTENDED, ROM and DISK BASIC. The value of the computer time we have used exceeds \$40,000.

The feedback we have gotten from the hundreds of people who say they are using BASIC has all been positive. Two surprising things are apparent, however. 1) Most of these “users” never bought BASIC (less than 10% of all Altair owners have bought BASIC), and 2) The amount of royalties we have received from sales to hobbyists makes the time spent of Altair BASIC worth less than \$2 an hour.

Why is this? As the majority of hobbyists must be aware, most of you steal your software. Hardware must be paid for, but software is something to share. Who cares if the people who worked on it get paid?

Is this fair? One thing you don't do by stealing software is get back at MITS for some problem you may have had. MITS doesn't make money selling software. The royalty paid to us, the manual, the tape and the overhead make it a break-even operation. One thing you do do is prevent good software from being written. Who can afford to do professional work for nothing? What hobbyist can put 3-man years into programming, finding all bugs, documenting his product and distribute for free? The fact is, no one besides us has invested a lot of money in hobby software. We have written 6800 BASIC, and are writing 8080 APL and 6800 APL, but there is very little incentive to make this software available to hobbyists. Most directly, the thing you do is theft.

What about the guys who re-sell Altair BASIC, aren't they making money on hobby software? Yes, but those who have been reported to us may lose in the end. They are the ones who give hobbyists a bad name, and should be kicked out of any club meeting they show up at.

I would appreciate letters from any one who wants to pay up, or has a suggestion or comment. Just write me at 1180 Alvarado SE, #114, Albuquerque, New Mexico, 87108. Nothing would please me more than being able to hire ten programmers and deluge the hobby market with good software.

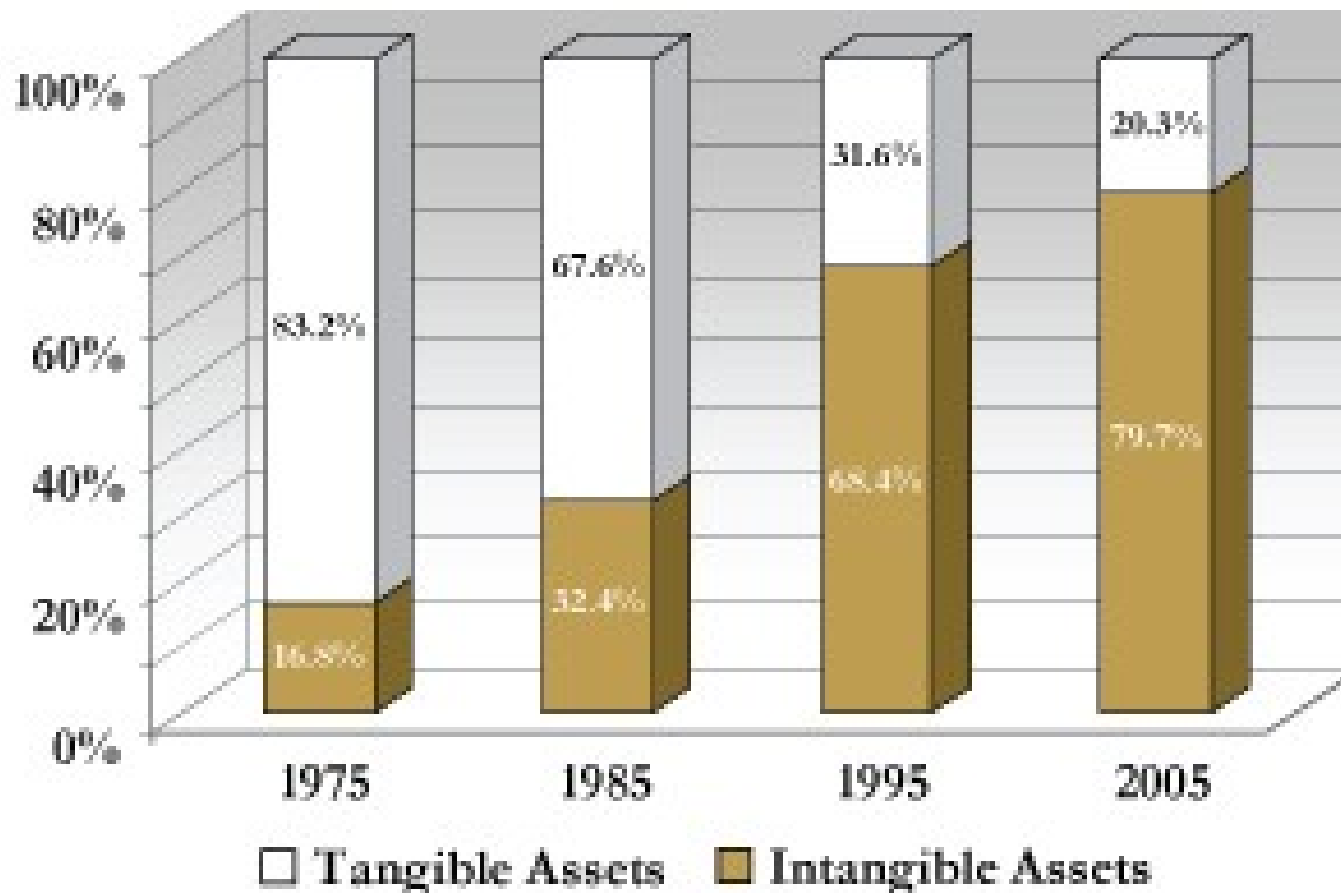
Bill Gates

Bill Gates
General Partner, Micro-Soft



El valor de los intangibles

Components of S&P 500 Market Value



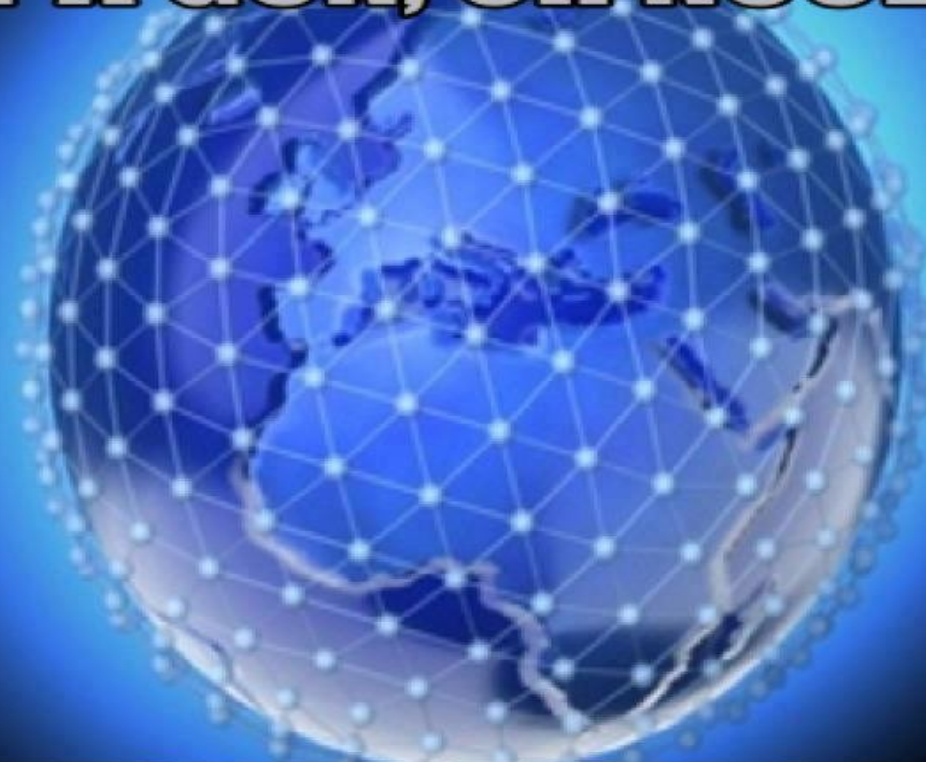
Source: Ned Davis Research

Objetivo: Controlar la información



Objetivo: Controlar la información

**THE GREATEST WEAPON IS
NOT A GUN, OR NUCLEAR**



IT IS INFORMATION CONTROL

Richard Matthew Stallman



Libertades de Software Libre



Libertad 0: **Usar**



Libertad 1: **Analizar**

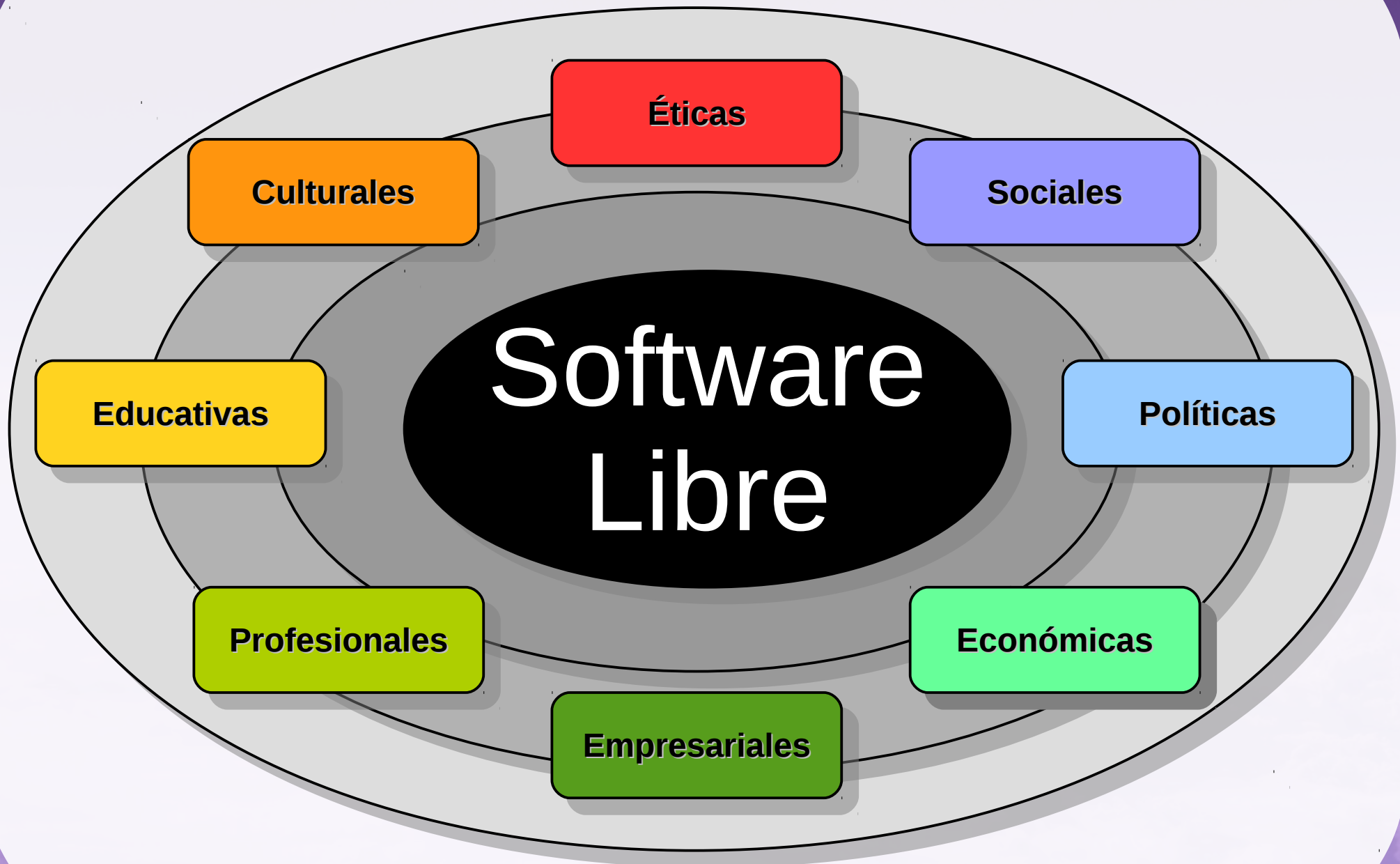


Libertad 2: **Compartir**



Libertad 3: **Mejorar**

Las múltiples dimensiones del Software Libre



El Ecosistema del Software Libre



mozilla

Firefox



WORDPRESS


OpenOffice.org

fedora^f



blender



Java

php

MySQL



Linux



debian



ubuntu



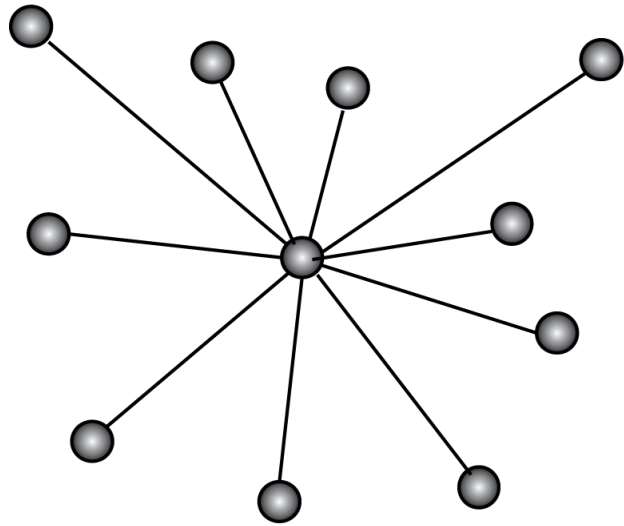
Apache

La Libertad en muchos más ámbitos

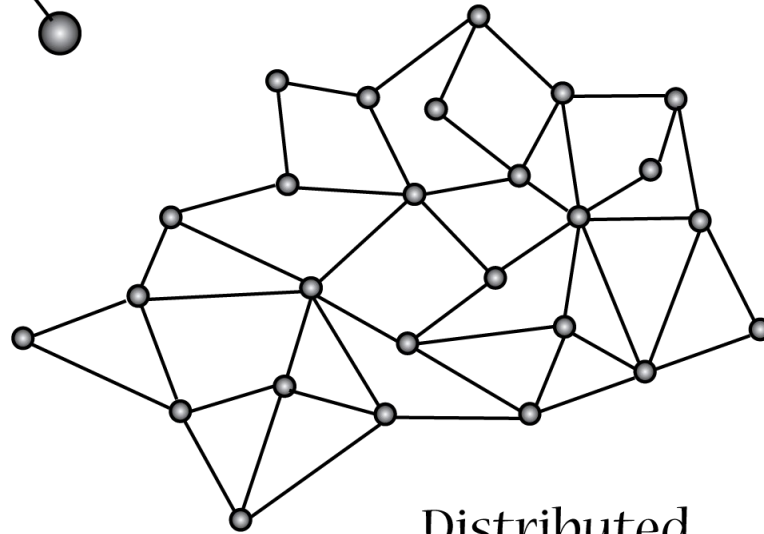


El peligro de la re-centralización

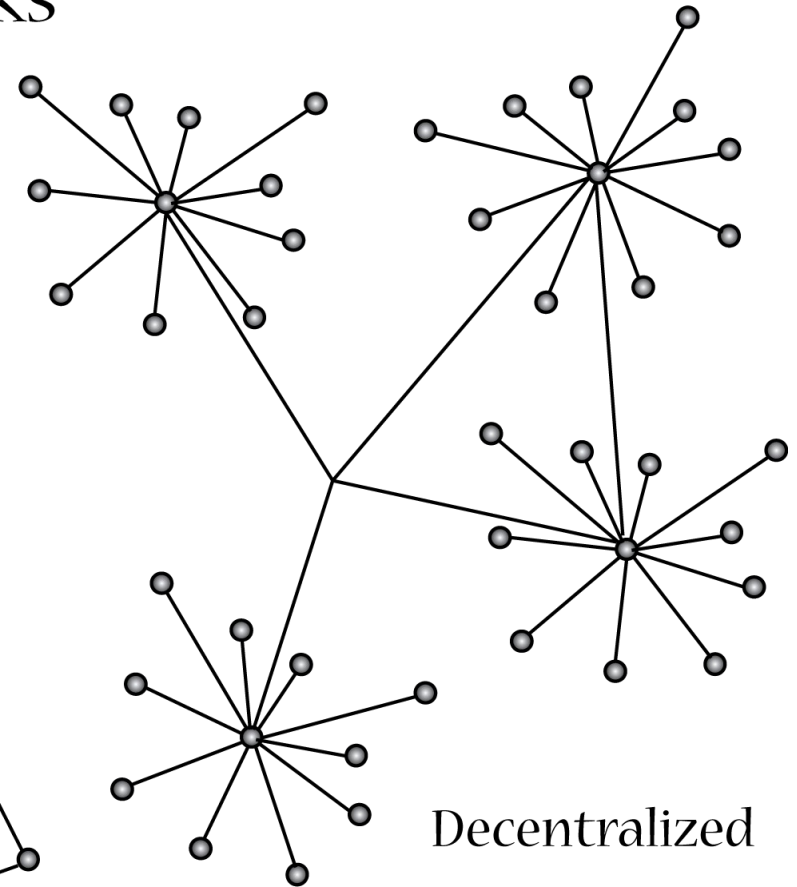
Types of Networks



Centralized



Distributed



Decentralized

La necesidad de la Cultura Libre

"Without Free Software,
Free Culture is at risk.

But without Free Culture,
what need is there for
Free Software?"

— Laurel L. Russwurm

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