# Tor is Peace, Software Freedom is Slavery, Wikipedia is Truth

### The Political Philosophy of the Internet

on: 30th of December 2010

at: 27C3

by: Adam Obeng (adamobeng.com/27c3)



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#### Politics: the study of power

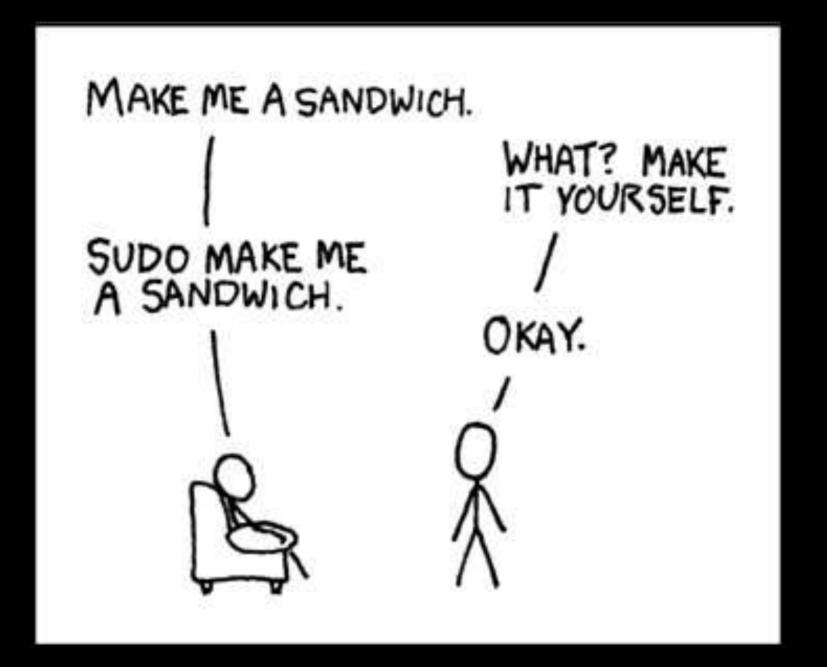
#### Politics: the study of power

# $Power = \frac{dV}{dt}$

# $Power = \frac{dWork}{dt}$

# Political power: make other people do work

# Politics happens wherever there are people



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#### Unix

#### The real world

#### Unix

#### The real world

\$ sudo something

#### Unix

#### The real world

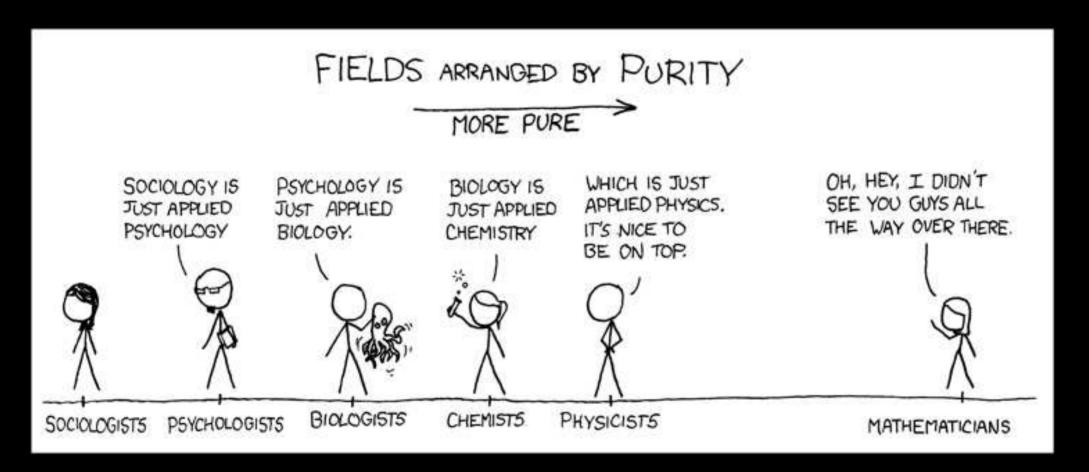
\$ sudo something



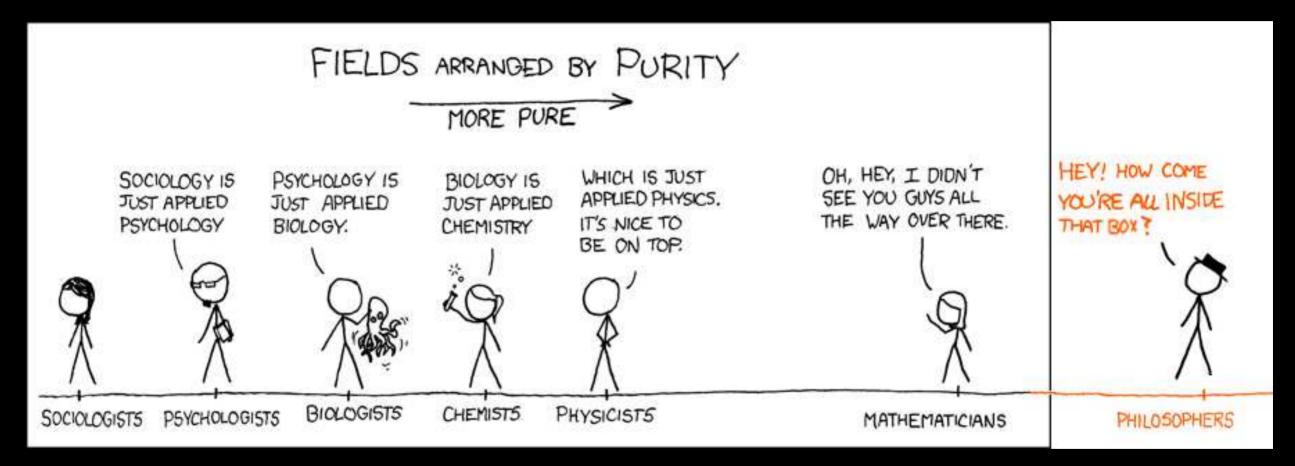
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### Philosophy: thinking about stuff

#### Philosophy: thinking about stuff really hard



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#### Philosophy: critical, rational, and systematic

## Politics Philosophy Political Philosophy?

#### Methods of philosophy + Subject matter of politics

#### Why should you care?

there are elaborate arguments, claims rebutted by unlikely counterexamples, surprising theses, puzzles, abstract structural conditions, challenges to find another theory which fits a specified range of cases, startling conclusions, and so on. [...] some may feel that the truth about ethics and political philosophy is too serious and important to be obtained by such "flashy" tools. Nevertheless, it may be that correctness in ethics is not found in what we naturally think

#### - Robert Nozick

#### Philosophers are hackers

## Philosophers are hackers Politics is everywhere people are

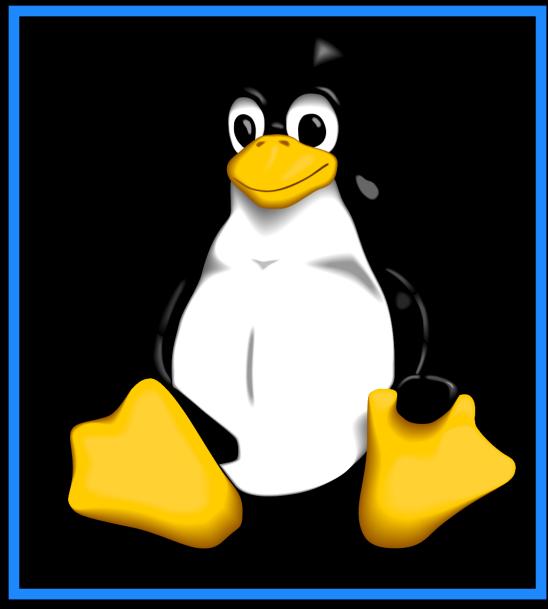
## The Internet is like the real world

## The Internet is unlike the real world

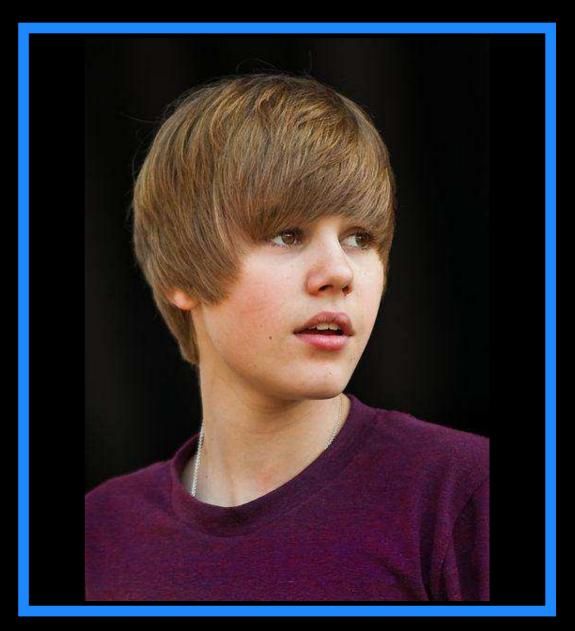
#### What happens on the Internet...

...stays on the Internet

#### Compartmentalization



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#### Liberty

#### Liberty

or freedom

#### Freedom and FLOSS

#### Freedom and FLOSS

Free/Libre/Open-Source Software

'free' as in speech vs.

'free' as in beer

# 'free' as in speech Vs. 'free' as in beer

#### Different FLOSS groups

#### Different FLOSS groups

#### Different licenses

#### Different FLOSS groups

Different licenses

Different freedoms

### Different FLOSS groups

Different licenses

Different freedoms

#### BSD vs. GPL

#### The BSD license

# The BSD license is permissive

#### The BSD license

Redistributions of source code must retain the [...] copyright notice, this list of conditions and the [...] disclaimer.

Redistributions in binary form must reproduce the [...] copyright notice, this list of conditions and the [...] disclaimer in the documentation and/or other materials provided with the distribution.

## The GPL is restrictive

#### The GPL

Nobody should be restricted by the software they use. There are four freedoms that every user should have:

the freedom to use the software for any purpose,

the freedom to change the software to suit your needs,

the freedom to share the software with your friends and neighbors, and

the freedom to share the changes you make.

#### Copyleft

Copyleft is a general method for making a program (or other work) free, and requiring all modified and extended versions of the program to be free as well.

#### Copyleft

Copyleft is a general method for making a program (or other work) free, and requiring all modied and extended versions of the program to be free as well.

#### The First Principle

First: each person is to have an equal right to the most extensive scheme of equal liberties compatible with asimilar scheme of liberties for others.

## Is Copyleft Less Free?

# Is Copyleft Less Free? Take 1: Steiner and Measuring Freedom

Freedom < things you can do

#### Restrictions in licenses

#### The BSD:

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The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable

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- e) Common ode under greer-to de transmission, provided you in mother peers when the object de and Corresponding Source of the work are being affered to the peneral public at no charge the subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

# Is Copyleft Less Free? Take 1

#### Yes:

more restrictions, so less freedom

# Is Copyleft Less Free? Take 2: MacCallum and Tripartite Freedom

Freedom < things you can do

Freedom < things \$you can do

Freedom < things \$you can do

Who is 'you'?

#### MacCallum's Tripartite Freedom

\$x is free from \$y to do \$z

#### MacCallum's Tripartite Freedom

\$x is free from \$y to do \$z

```
$x = agents
$y = conditions
$z = actions
```

#### BSD license

## Redistribution and use in source and binary forms[...]

#### BSD license

```
$x is free from $y to do $z
$x = redistributors
```

#### The GPL

"free software for all its users."

#### The GPL

```
$x is free from $y to do $z
$x = all users
```

# All Users Redistributors

# Is Copyleft Less Free? Take 2

No: more freedom for more people

#### positive and negative freedom

#### 'redistributors' are individuals

## 'redistributors' are individuals 'all users' is a group

### Copyleft is Positive Freedom

#### The General Slavery License

Each user is required to contribute 4KLOC or 500 man-hours, whichever is higher, to maintaining, updating, or improving the Software

#### The General Slavery License

Each user is required to contribute 4KLOC or 500 man-hours, whichever is higher, to maintaining, updating, or improving the Software

The group is more free

#### The General Slavery License

Each user is required to contribute 4KLOC or 500 man-hours, whichever is higher, to maintaining, updating, or improving the Software

The group is more free Individuals are less free

#### Arguments against Positive Freedom:

If restrictions are part of freedom, freedom means being ruled.

#### Arguments against Positive Freedom:

Different people have different goals, all restrictions are not compatible.

# Is Copyleft Less Free? Take 3

#### Yes:

freedom is a property of individuals

#### TL; DL version:

Copyleft reduces freedom...

... unless you misdefine freedom.

Positive freedom considered harmful.

Copyleft really does reduce freedom.

## Nothing I just said matters

## Software freedom *isn't just* about freedom

## Tor is Peace, Software Freedom is Slavery, Wikipedia is Truth

## The Political Philosophy of the Internet

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