

# Chocolate cakes and free software

## LE09

Julien Voisin

16th of June, 2014

Do you like chocolate cakes?



# Great!

- ▶ I don't.

# Great!

- ▶ I don't.
- ▶ I prefer software.

# Great!

- ▶ I don't.
- ▶ I prefer software.
- ▶ Let's speak about software.

# Great!

- ▶ I don't.
- ▶ I prefer software.
- ▶ Let's speak about software.
- ▶ With cakes.

# Great!

- ▶ I don't.
- ▶ I prefer software.
- ▶ Let's speak about software.
- ▶ With cakes.

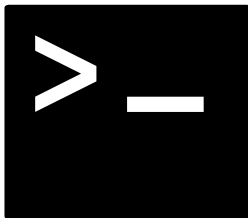
Softcakes.

# Thesaurus



- recipe
  - baker
  - ingredients
- } cake

# Thesaurus

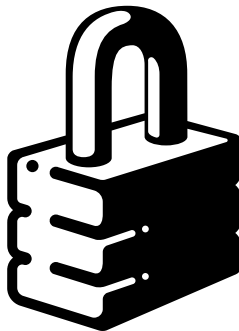


- source code
  - programmer
  - computer
- } software

# Disclaimer

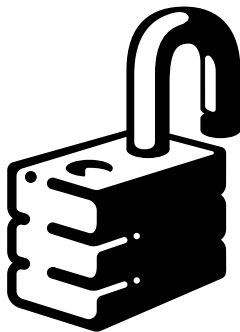
This talk may be completely a little bit **biased**.

Evil corp.



Lead by Bill Bakes.  
Bakes proprietary softcakes.

Good corp.



Bakes free<sup>1</sup> softcakes.

---

<sup>1</sup>As in freedom, not as in free beer

## Custom cake!

- ▶ You want some custom cake, maybe with less sugar.

# Custom cake!

- ▶ You want some custom cake, maybe with less sugar.



Everyone but you likes sugar.  
Don't buy our products if you don't like them.

# Custom cake!

- ▶ You want some custom cake, maybe with less sugar.



We'll look at your recipe, change it, and  
bake you a new cake.

## Old cakes

- ▶ Remember the cakes you liked when you were a child?

# Old cakes

- ▶ Remember the cakes you liked when you were a child?



We don't bake this cake anymore.  
Please buy our new one instead.

# Old cakes

- ▶ Remember the cakes you liked when you were a child?



We'll be happy to bake your old cakes if you still have the recipe.

# Party!

- ▶ So, you want to serve some cake for you birthday?

# Party!

- ▶ So, you want to serve some cake for you birthday?



This is a violation of our ToS.  
We'll **sue** you.

# Party!

- ▶ So, you want to serve some cake for you birthday?



You can do whatever you want,  
it's **your** cake.

# Usage

- ▶ You want to eat your cake with a fork instead of a spoon?

# Usage

- ▶ You want to eat your cake with a fork instead of a spoon?



This is piracy. You **must** use our genuine forks to eat our cakes.

# Usage

- ▶ You want to eat your cake with a fork instead of a spoon?



Why would we care about how you eat our cakes?

# Knowledge

- ▶ You want to read the recipe?

# Knowledge

- ▶ You want to read the recipe?



Haha.

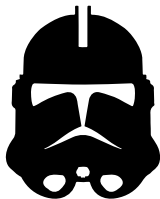
# Knowledge

- ▶ You want to read the recipe?



It's already bundled with the cake.

Share!



Let's say that you have a cake cloning machine.

## Share! (cont.)

- ▶ You want to share your cloned cakes.

## Share! (cont.)

- ▶ You want to share your cloned cakes.



This is **piracy**, we'll sue you to death!

## Share! (cont.)

- ▶ You want to share your cloned cakes.



As long as you ship the recipe with it, it's ok.

# Transformation

- ▶ You added a cherry on top of the cake you bought and gave it to a friend of yours?

# Transformation

- ▶ You added a cherry on top of the cake you bought and gave it to a friend of yours?



Thief!

This is **piracy**, we'll sue both of you!

# Transformation

- ▶ You added a cherry on top of the cake you bought and gave it to a friend of yours?



Awesome! Make sure to share the recipe with your cake, to allow **everyone** to add cherry!

# Four freedom

Did you know that softcakes that are:

**Free to** run the program for any purpose.

**Free to** study how the program works, and change it.

**Free to** redistribute copies.

**Free to** improve the program, and release your improvements.

are called **free softcakes**?

# Monopoly

- ▶ You don't like your baker anymore

# Monopoly

- ▶ You don't like your baker anymore



Haha, good luck to find your cakes  
somewhere else!

# Monopoly

- ▶ You don't like your baker anymore



Just give the **recipe** to another baker.

So, you want to bake?

- ▶ You want to bake cake by yourself.

# So, you want to bake?

- ▶ You want to bake cake by yourself.



We won't tell you how our cakes are made.

# So, you want to bake?

- ▶ You want to bake cake by yourself.



You've got the recipe, so you can **learn**.

# Backdoors

- ▶ I heard that some bakers are putting nanobots to spy upon me into their cakes!

# Backdoors

- ▶ I heard that some bakers are putting nanobots to spy upon me into their cakes!

We **promise** we don't, unless:



- required by the law
- to sell them to "partners"
- we use them for targeted advertising
- other reasons: check our ToS.
- we want

**Trust us.**

# Backdoors

- ▶ I heard that some bakers are putting nanobots to spy upon me into their cakes!



Our recipes are public: **everyone** can check them.

Trust us, but **verify**.

# Safety

- ▶ I heard that some bakers are putting horse meat into their cakes!

# Safety

- ▶ I heard that some bakers are putting horse meat into their cakes!



We dont. **Trust us.**

# Safety

- ▶ I heard that some bakers are putting horse meat into their cakes!



Once again, our recipes are public. **Check them.** If you're not a baker, you can pay people to do it.

# The Good News is

You're already using free softcakes!

- ▶ Firefox
- ▶ Moodle
- ▶ LibreOffice
- ▶ VLC
- ▶ ...

# The Bad News is

You're probably using proprietary ones too

- ▶ Windows
- ▶ Skype
- ▶ Catia/Solidworks
- ▶ Photoshop
- ▶ ...

# Conclusion

Be careful about what softcakes you're using/eating.

Prefer **free** softcakes!

# Resources



**Framasoft**



# Credits

- ▶ Kiwie<sup>2</sup> for the idea
- ▶ The Noun Project<sup>3</sup> for the icons.
- ▶ Sources are available online<sup>4</sup>.

---

<sup>2</sup><http://kiwie.dustri.org>

<sup>3</sup><http://thenounproject.com>

<sup>4</sup><http://dustri.org/b>