

Free Software

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WHEN YOU PROGRAM OPEN SOURCE,
YOU'RE PROGRAMMING



COMMUNISM



A REMINDER
from
YOUR FRIENDS AT MICROSOFT

ST

Definition

- Freedom 0: The freedom to run the program for any purpose
 - Freedom 1: The freedom to study and modify the program
 - Freedom 2: The freedom to copy the program so you can help your neighbor
 - Freedom 3: The freedom to improve the program, and release your improvements to the public, so that the whole community benefits
- Freedoms 1 and 3 require source code to be available because studying and modifying software without its source code is highly impractical.

Metaphors

Chef Justin's Prawn Provencale *at Park Plaza Garden's*

(Yield: 1 serving)

4 jumbo prawns	1 teaspoon julienned basil, or more to taste
1 tablespoon minced garlic	1 teaspoon chopped Italian parsley
1 tablespoon olive oil	Pinch of crushed pepper
2 tablespoons minced red onion	2 tablespoons butter
3 tablespoons chopped fresh tomatoes	Salt and pepper to taste
Juice of 1/2 fresh lemon	3 large crostinis
3 ounces chicken stock	

1. Saute' prawns with garlic, olive oil, onion and tomatoes, until shrimp is golden.
2. Add lemon juice, chicken stock, basil, parsley, crushed red pepper, butter and salt and pepper to taste. Let simmer to reduce to sauce consistency.
3. To serve, position three large crostinis on a plate. Place prawns in the center, Pour sauce mixture on top.

Nutritional Information per serving

Calories 411 Fat 28g (15 sat.) Carbohydrate 8g
Cholesterol 99mg Sodium 807mg Protein 9g



*Savoring
Secrets*



- The freedom to cook the recipe where and when you want.
- The freedom to study the ingredients and how it's done, and then change it.
- The freedom to copy it and hand copies to your friends.
- The freedom to write down your version of the recipe and make a copy for your friend

From now on, if you share or change a recipe, we're going to call you a pirate, we're going to compare you with people who attack ships, and we're going to put you in prison for years because that's forbidden cooperation

© RMS

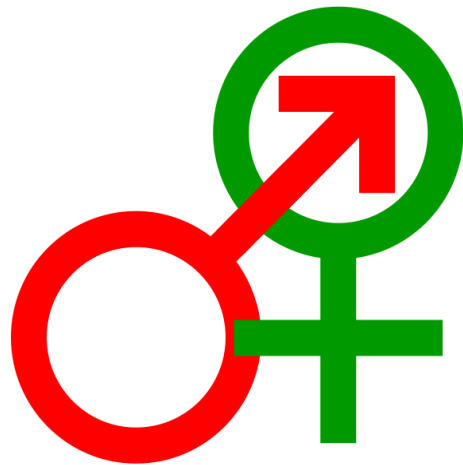
So why is it better?

- You can use it and modify it freely, for any purpose (my lycos exp)
- You are not tied to any company. The software belongs to the whole humanity
 - What if Beethoven had forbid the freely distribution of his music?
- Even though you might not be able to modify it, somebody can do it for you
- It adapts to the actual needs of the users, not to some marketing strategies

- Albert Einstein:
Two things are infinite: the universe and human stupidity; and I'm not sure about the universe
- Linus Torvalds:
Given enough eyeballs, all bugs are shallow
- Paul Graham:
Great software, [...], requires a fanatical devotion to beauty. If you look inside good software, you find that parts no one is ever supposed to see are beautiful too.
Programs should be written for people to read, and only incidentally for machines to execute.

Diversity/Zoo

- Zoo of programming languages
- Zoo of desktop environments
- Zoo of GNU/Linux distributions



Diversity leads to the strong population
(why do u think syngeneses were invented?)

Kernel special patch, virus didn't work



http://linux.slashdot.org/article.pl?sid=06/04/18/2046203

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Torvalds Creates Patch for Cross-Platform Virus

Posted by [ScuttleMonkey](#) on Tue Apr 18, 2006 05:12 PM
from the [just-here-to-make-things-work](#) dept.

Newsforge is reporting that Linus Torvalds took a few minutes to review the cross-platform proof of concept virus [covered yesterday](#) and has proven that the virus does indeed not work with latest kernel version 2.6.16 and even [released a patch](#) in order to fix this "problem." From the article:

"The reason that the virus is not propagating itself in the latest kernel versions is due to a bug in how GCC handles specific registers in a particular system call. [...] So the virus did a number of strange things to make this show up, but on the other hand the kernel does try to avoid touching user registers, even if we've never really `_guaranteed_` that. So the 2.6.16 effect is a mis-feature, even if a `_normal_` app would never care. It just happened to bite the infection logic of your virus thing."



Implications for end-users

- 99% of free software has zero cost
- Millions of developers watch the code, so
 - It is usually more resistant to hangs and crashes
 - It doesn't get infected by virus because security is implemented by using good code, not just obscurity
- It gives you freedom!
 - Commercial software restricts it. Did you read the “End user license agreement”?



Why is everybody using commercial software, then?

Why do you drink Coca-cola instead of Քարիսունի լիմոնադ?



- Advertising
- Traditional way of thinking
“if it's more expensive, it's better”
- Which software was preinstalled in your computer when you bought it?
 - Commercial companies threaten computer resellers
- The actual question is: why do you use it?

I don't care for freedom and transparency

- Then go for the price!
- If you get Windows “for free”...
 - Some day you will get fed up with viruses and crashes
 - Some day you won't be able to open a document that you wrote two years ago
 - Some day you will want to tell your computer what to do and not the opposite
- When this day arrives, try free software

Benefits for an end-user

- Your system won't crash so often
- You don't need antivirus
 - Faster system
 - Less annoyances
- You will save money
- You will be cool

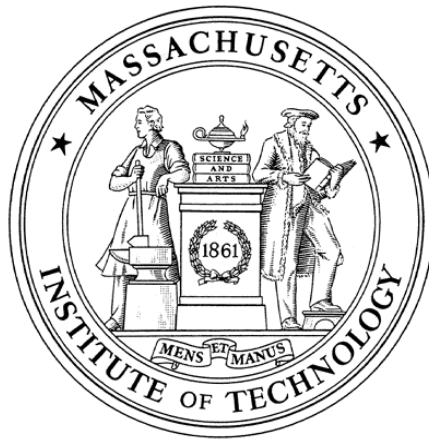
Benefits for the humanity

- Avoid monopolies
- Share knowledge (it is so human like to share, whether it is candy or toy) :)
- Impossible to insert “backdoors” or sensible data gathering
- No “big brothers” (skype example)
- Users can get an active part in the development
 - You don't need programming knowledge
 - Just send ideas to the developers

В рамках антимонопольного иска к Майкрософт обнародованы интересные документы

- Гейтс: "Документы Офиса чересчур хорошо отображаются в чужих браузерах(sic). Их надо привязать к IE. Иное равносильно самоубийству."
- Гейтс: "Мы с партнёрами столько работали над ASPi, а линукс палец о палец не ударил, но у них всё великолепно работает. Надо принять меры. Например, что-нибудь запатентовать."

Licenses



Free as in Freedom



Ու տեսց...