

## Re: Encrypted files on computer as indication for guilt – where?

**Source:** <http://www.derkeiler.com/Newsgroups/sci.crypt/2005-03/1862.html>

---

**From:** Juuso Hukkanen ([juuso929\\_at\\_tele3d.net](mailto:juuso929_at_tele3d.net))

**Date:** 03/22/05

Date: Tue, 22 Mar 2005 23:53:58 +0200

On 22 Mar 2005 00:45:51 GMT, unruh-spam@physics.ubc.ca wrote:

>Juuso Hukkanen <[juuso929@tele3d.net](mailto:juuso929@tele3d.net)> writes:

>

>><OT>

>> I am preparing to launch (on 2005/06/15) an open source project for  
>> building a C based programming language and after that I need LOTS of  
>> helping hands and minds. Language will include C (except the typical  
>> overflow functions) and most of the modern stuff missing from C –  
>> including encryption. If you are interested in being reminded/  
>

>Why in the world would you include encryption as a part of C itself? It  
>sounds to me like an add on library does this just as well as trying to  
>make it part of the language. That does not seem to me where it belongs.

<OT perhaps>

Originally the idea was just to build a collection of C tools for personal use. Then after re-thinking the library organization, the original tool pile had started to look like something totally different and scarily good. The things which did result the "scarily good" appearance, also made it require bounds checking. Ok, more libraries would help, but also other tools (networking, GUI, timing, threading, garbage collection, getting / setting environmental info, using multimedia) would require additional non-C features or libraries.

So I gradually got more far away from the original idea of C. Perhaps something like what Bjarne Stroustrup had experienced while designing the "C with objects". However t3d-language can still include C – similarly as C++ does.

Now – while creating a new language from C, why not throw away some of ancient and worst stuff – atleast all those "avoid-using-this" functions. Also those almost-defined datatypes need to become precicely defined char = 8 bit, int = 32 bit etc. And what about C:s

## sci.crypt: Re: Encrypted files on computer as indication for guilt – where?

time measured only in seconds not very modern and if you want to take a half seconds sleep, how do you do that with C99.

To be honest, I am here at sci.crypt mostly because of a need to sense the general feeling about building the suggested "C with libraries"–language. I may be stupid sometimes/often – but I will try to contribute to sci.crypt.

Why sci.crypt?

1) Well, I guess most of You are professional C coders. Some even seem to worship C.

2) You 'all' need something that is not provided by C. e.g. C99 has no twofish(param,param,param,param) – kind of functions. One of the regulars is even providing for free the most liberate, most good, C encryption library in existence.

3) Take a look of comp.lang.c a forum full of expressions of

- a) C problems,
- b) "undefined behaviour"
- c) "off topic" requests

So to put it an other way, what I am trying to to feel is, if there is any such dissatisfaction towards C among top coders, which would warrant building a better C based language. A language which does not have much of those "off topic" technology areas.

I believe the t3d–language is good (it has a chance), and I know some of it's features are unique. The only potential downside, I can think is the open source license. I would like to license the whole language, under an open source license, which does not yet exist – (the language definitions are already ready – license is not).

Charity open source license would be like GPL 2, but with an exception that (only!) companies in rich countries would be required to buy an annual license – from a pool of selected charity organizations. Such as Red Cross, Greenpeace, Amnesty international etc. That annual license would cover a right to use all ChOS–licensed material. Half of the license money should go directly to a one poor African country, most preferrably Ethiopia. Charity organizations would be selected by a public vote among donators of licensed material. And the licensing fee would be dependent on the estimated democracy level of each rich country see. [www.worldaudit.org/democracy.htm](http://www.worldaudit.org/democracy.htm) . In order to avoid accusations of jingoism (in selection of fee–selector), Finland would be required to not have the cheapest annual license–fee. Until the licensing charity organizations would start to require annual payments, even the companies might use all ChOS material for free. personally would newer be allowed to sell any license, but I'd like to control to some degree the early development of t3d–language, ChOS license and ChOS–projects.

Who knows what happensin the future, maybe in year 2015, there would be a killer application ( e.g Linux, Gimp, OpenSLL) licensed

Re: Encrypted files on computer as indication for guilt – where?

sci.crypt: Re: Encrypted files on computer as indication for guilt – where?

under ChOS license, bringing millions of euros annually into pockets of charity organizations – and even some food to hungry Africans. The ChOS– license would also contain suggestions of selected + needed software projects. Software which the world / charity organizations / or perhaps just the t3d–programing language needs. The idea is to create limited number of co–ordinated projects within the community – for the benefit of the world.

Basically that is it;

A language licensed under a GPL type infecting license, made to make good things.

How does that sound?

</OT>