

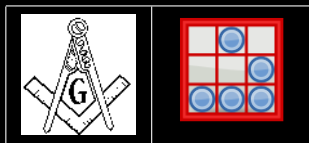
Hackers & Makers: vrijmetselaren zonder schootsvel?

(C) Richèl Bilderbeek 

February 4, 2014

0.1 Doel

- Het naast elkaar leggen van de hacker/makerscene en de vrijmetselarij: vrijheid, gelijkheid, broederschap en de uitvoering ervan
- Een beeld geven van deze andere culturen



0.2 Vorm

- Deze presentatie is volledig gemaakt met vrij software en hardware, op de laptop en beamer na
- Deze presentatie staat online met een Creative Common licentie
- Alle plaatjes hebben een Creative Commons of vrijere licentie
- Meerdere hackers en makers hebben met opmerkingen bijgedragen

0.3 Overzicht

- Definitie hacker
- Hoe ziet de hacker/makerscene eruit?
- Wat doe ik daar?
- Waar zitten de overeenkomsten?
- Waar zitten de verschillen?
- Conclusie

0.4 Definitie hacker/maker

- Hacker: 'A hacker is someone who loves to program or who enjoys playful cleverness, or a combination of the two'
- Maker: '[...] people who hack hardware [...] to discover ways of staying alive and happy [...]

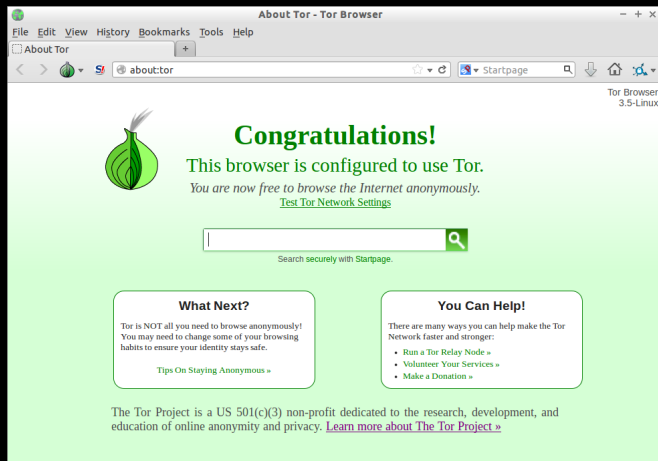
0.5 Hackerspace



0.6 GNU/Linux distributie



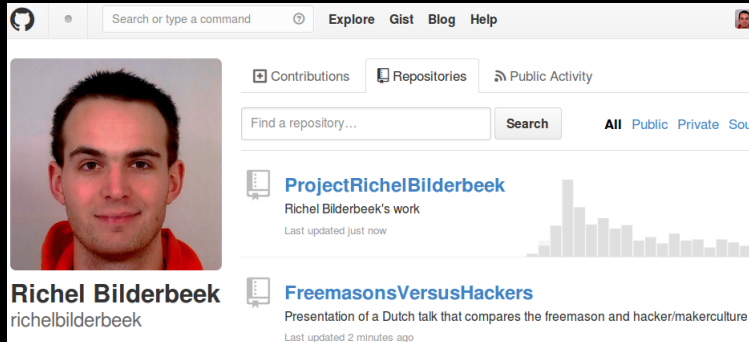
0.7 Tor



0.8 IRC

```
0:1.0 weechat 0.4.2
File Edit Tabs Help
Hive5 Groningen | http://www.hive5.nl/
13:39:41 ~voidzero | FSX, hij is aan het opstarten
13:40:27 ~voidzero | ok hij doet-t
13:40:39 @FSX | dank u
13:40:39 === | ===== End of backlog (20 lines) =====
-- Tue, 04 Feb 2014 (Tue, 28 Jan 2014) --
-----
05:51:29 --> | assert
| (assert@ZeroNode-51873v.1e4a.dq4p.01b0.2a01.IP)
| has joined #Hive5
05:51:29 -- | Topic for #Hive5 is "Hive5 Groningen |
| http://www.hive5.nl/"
05:51:29 -- | Topic set by voidzero on Sat, 01 Jun 2013
| 20:09:11
05:51:29 -- | Nicks #Hive5: [~void ~voidzero @FSX assert Doug
| frank001]
05:51:29 -- | Channel #Hive5: 6 nicks (3 ops, 0 halfops, 0
| voices, 3 normals)
05:51:29 -- | Mode #Hive5 [+o assert] by ChanServ
05:51:31 -- | Mode #Hive5 [+lnprt看 1337]
05:51:31 -- | Channel created on Wed, 28 Aug 2013 08:26:11
[05:51] [2] [irc/zeronode] 2.#Hive5(+lnprt看 1337){6} [H: 1]
[@assert(xir)]
backspace 1:weechat 0.4.2* 0.05 0.03 0.05 1/408 2014-02-04 05:51:42
```

0.9 GitHub



The screenshot shows the GitHub profile page for user Richel Bilderbeek. The header includes the GitHub logo, a search bar with the text "Search or type a command", and navigation links for "Explore", "Gist", "Blog", and "Help". The profile section on the left features a profile picture of a man with short dark hair wearing an orange shirt, and the name "Richel Bilderbeek" with the username "richelbilderbeek" below it. To the right of the profile picture are tabs for "Contributions", "Repositories" (which is selected), and "Public Activity". Below these tabs is a search bar with the placeholder text "Find a repository..." and a "Search" button. Further down, there are two repository listings. The first is "ProjectRichelBilderbeek" by Richel Bilderbeek, with a note "Last updated just now" and a bar chart showing activity. The second is "FreemasonsVersusHackers" with the description "Presentation of a Dutch talk that compares the freemason and hacker/makerculture" and a note "Last updated 2 minutes ago".

Search or type a command

Explore Gist Blog Help

Contributions Repositories Public Activity

Find a repository... Search

All Public Private Sou

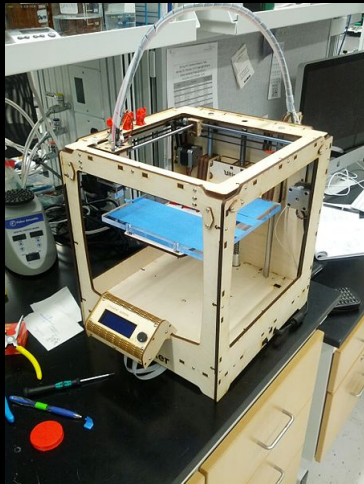
ProjectRichelBilderbeek
Richel Bilderbeek's work
Last updated just now

FreemasonsVersusHackers
Presentation of a Dutch talk that compares the freemason and hacker/makerculture
Last updated 2 minutes ago

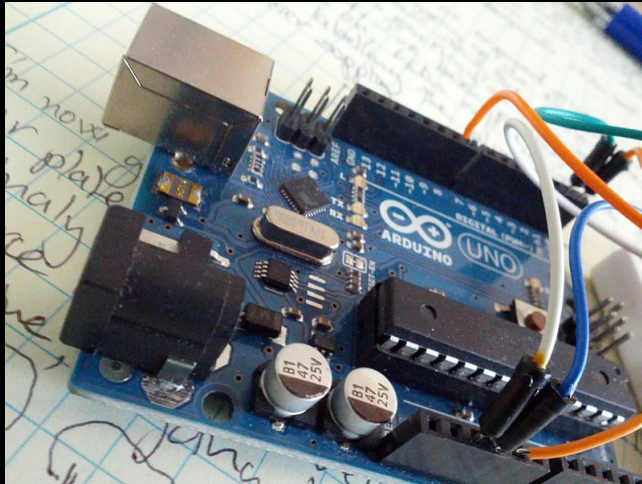
0.10 Makerspace



0.11 3D Printer



0.12 Arduino



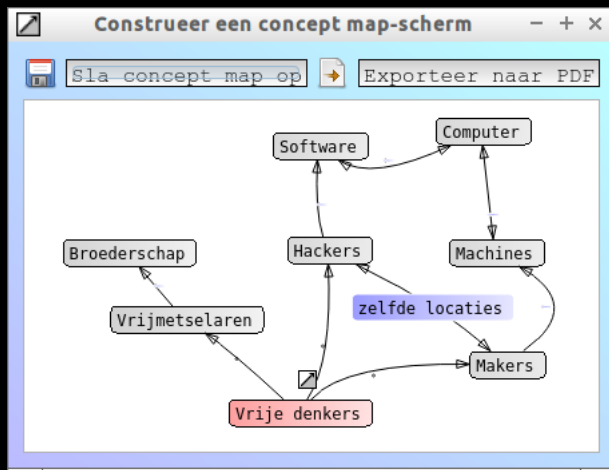
0.13 Wat doe ik daar dan?

- Gebruiken vrije soft- en hardware
- Maken vrije soft- en hardware
- Mensen scholen in hun kennis ervan
- Mensen helpen bij hun problemen ermee

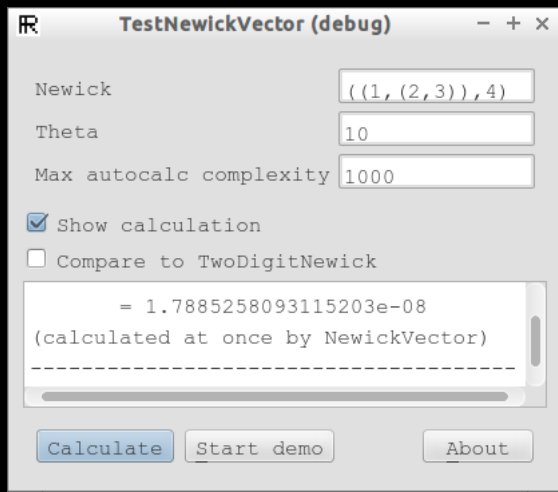
0.14 Arduino cursus



0.15 Vrije software: Brainweaver



0.16 Vrije software: TestNewickVector



TestNewickVector (debug)

Newick

Theta

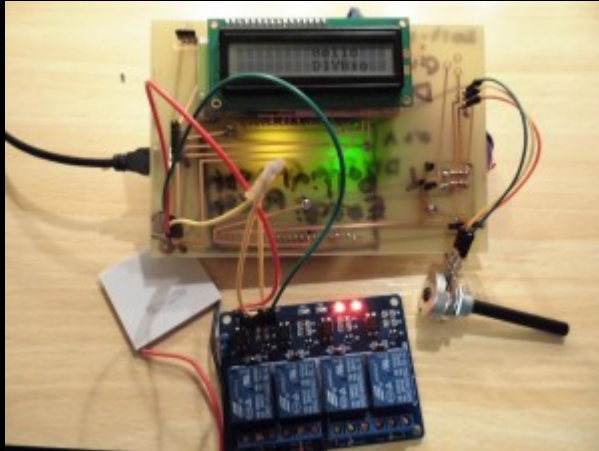
Max autocalc complexity

☒ Show calculation

☐ Compare to TwoDigitNewick

= 1.7885258093115203e-08
(calculated at once by NewickVector)

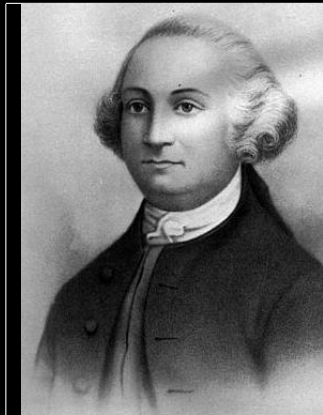
0.17 Vrije hardware: OpenerPCR



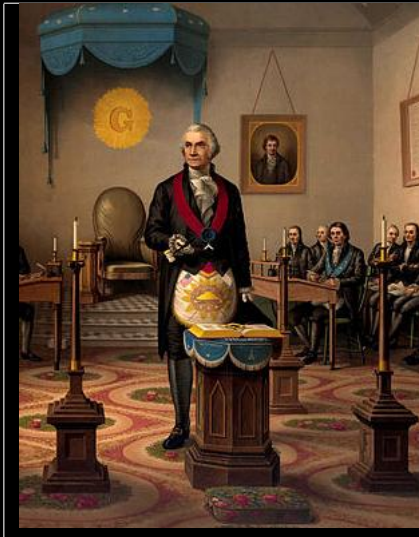
0.18 Overeenkomsten

- Vrijheid in zoektocht naar kennis
- Gelijkheid
- Samen een bijdrage aan de wereld proberen te leveren

0.19 Verschillen: focus



0.19.1 Verschillen: historie



0.20 Verschillen: autoriteit

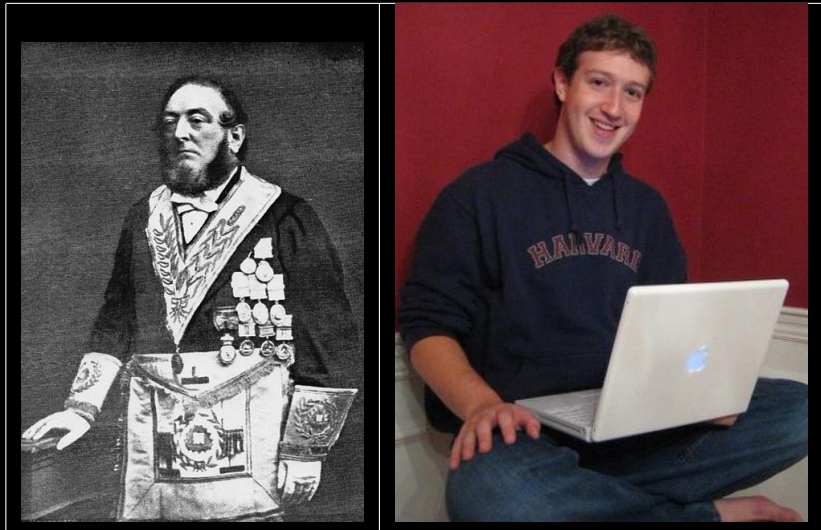


```
~void  
~voidzero  
@assert  
@FSX  
Doug  
frank001
```

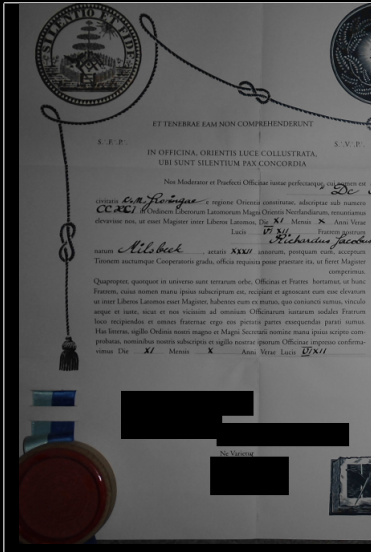
0.21 Verschillen: uitvoering



0.22 Verschillen: vorm



0.23 Verschillen: uitvoering



The Hacker Manifesto

by
+++The Mentor+++
Written January 8, 1986

Another one got caught today, it's all over the papers. "Teenager Arrested in Computer Crime Scandal", "Hacker Arrested after Bank Tampering"...

Damn kids. They're all alike.

But did you, in your three-piece psychology and 1950's technobrain, ever take a look behind the eyes of the hacker? Did you ever wonder what made him tick, what forces shaped him, what may have molded him?

I am a hacker, enter my world...

Mine is a world that begins with school... I'm smarter than most of the other kids, this crap they teach us bores me...

Damn underachiever. They're all alike.

I'm in junior high or high school. I've listened to teachers explain for the fifteenth time how to reduce a fraction. I understand it. "No, Ms. Smith, I didn't show my work. I did it in my head..."

Damn kid. Probably copied it. They're all alike.

I made a discovery today. I found a computer. Wait a second, this is cool. It does what I want it to. If it makes a mistake, it's because I screwed it up. Not because it doesn't like me... Or feels threatened by me.. Or thinks I'm a smart ass.. Or doesn't like teaching and shouldn't be here...

Damn kid. All he does is play games. They're all alike.

0.24 Verschillen: openheid



```
[[Gyðingar]] http://is.wikipedia.org/w/wiki.ph
Oddstriðir * (+0)
[[Gyðingar]] http://is.wikipedia.org/w/wiki.ph
Oddstriðir * (+0)
[[Blóðrefill]] M http://is.wikipedia.org/w/wiki
O * Iceman * (+2) Wikify
[[Stríð]] N http://is.wikipedia.org/wiki/Str%C3
[[Styrjöld]] N http://is.wikipedia.org/wiki/Sty
[[Radius]] N http://is.wikipedia.org/wiki/Rad%C
ekkert geislakjafæði
[[Flokkur:Stærðfræði]] http://is.wikipedia.org
%C3%B0i&diff=0&oldid=23881 * Ævar Arnfjörð Björ
einhverjir við?
Ja
Ég ætla að taka skjáskot af IRC rásinni með hei
fúngerar allt saman, þannig þú, eða einhverjir
til tilbreytingar til sem mun þá sjást á umrædd
ahhh
i ahá
```

0.25 Mijn conclusie

- Veel overlap in het gedachtengoed, verschil in focus:
 - Vrijmetselarij: broederschap, gelijkheid, vrijheid
 - Hackers/makers: vrijheid, gelijkheid, broederschap
- Is een hacker/maker een vrijmetselaar zonder schootsvel?

0.26 Mijn vragen

- In welke mate levert de beslotenheid van de vrijmetselarij nog een bijdrage?
- In hoeverre verrijkt The Grand Lodge de vrijmetselarij?
- Waardoor zijn de ideeën en de vorm van de vrijmetselarij zo gaan verschillen?

0.27 Reflectie

- Ik heb veel tijd besteed aan de vorm. Dit voelde echter wel goed om te doen
- Ik houd zelf niet van presentaties met beeld. Ik geloof echter dat dit in dit geval nuttig is