



Continuous
Key-Signing
Party
introduction

Gunnar Wolf

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Web of trust anyone?

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What is this used for?
(Why the need?)

- Keyring-maint / FrontDesk / Debian infrastructure's requirements for **you**
- *Web of Trust, Curated Web of Trust, Strong Set, Connected Set, ...*



A nice family photo

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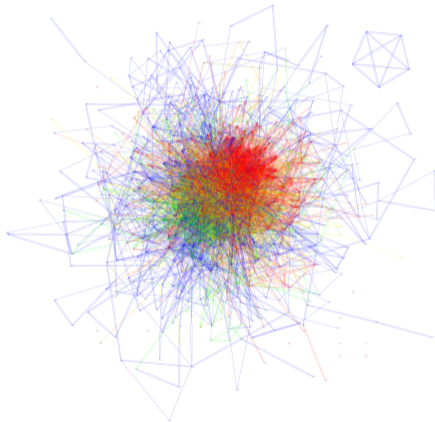


Figure: Debian Developers keyring, 2015-01-01, colored by signature age



This KSP's photo

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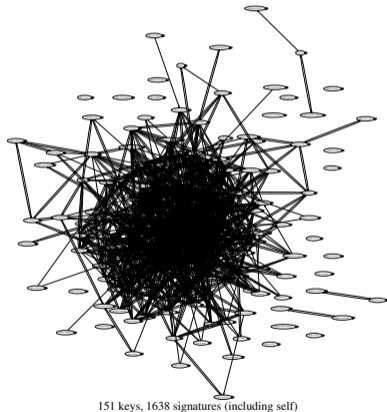


Figure: Find your personal map at https://people.debian.org/~gwolf/dc17_ksp/



What is your lucky number?

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```
$ wget https://people.debian.org/ anibal/ksp-dc17/ksp-dc17.txt  
(...)  
2017-08-06 12:29:05 (180 KB/s) - 'ksp-dc17.txt' saved [55987/55987] $  
sha256sum ksp-dc17.txt  
61ffac9152991bf7babfda53380d268e4a9502015fbbf973f42af5dce8897252  
ksp-dc17.txt
```



EYES OPEN!

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Tr0j4n 413rt! Tr0j4n 413rt!

```
$ wget https://people.debian.org/ anibal/ksp-dc17/ksp-dc17.txt  
(...)  
$ sha256sum ksp-dc17.txt  
61ffac9152991bf7babfda53380d268e4a9502015fbbf973f42af5dce8897252  
ksp-dc17.txt
```



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It's a drag, but it's important.
Lets do this once! (at least)

```
61ff ac91 5299 1bf7 babf da53 380d 268e 4195 0201 5fbb f973  
f72a f5dc e889 7252
```



Whom to cross-sign with?

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There are really no guidelines to this. But...

- Is Foo your friend, and you haven't cross-signed? Go ahead and get yourself signed!
- Is Bar many hops away from you? Cross-sign and you will bring more coherence to our strong set!
- Is Quux isolated or weakly connected? Bring him in by cross-signing!
- Of course... Are you very weakly connected or disconnected? Don't be shy; cross-sign with as many people as you can.

There is no need to be at the geographic center, only to introduce as much redundancy (in the good sense) as possible.



... But my signature is not in ksp-dc17!

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Tough luck :-(
But don't worry! (and print some slips!)



What is trust? How to proceed?

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- Government-issued IDs



What is trust? How to proceed?

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- Government-issued IDs
- Trust-the-person



What is trust? How to proceed?

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- Government-issued IDs
- Trust-the-person
- Your scheme?



That's it!

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So, lets start greeting and cross-signing!
Any questions?