

# Create your own superhero(in)(s)



*"On the Internet, nobody knows you're a dog."*

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*"On the Internet, nobody knows you're a dog."*

How to prevent harassment online by using multiple profiles and identities in our online life

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## DISCLAIMER #1

Harassment by common men who hate women in the internet,

not by powerful state-sponsored hackers who have access to ISPs and want to crush activists with any means necessary.



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## SCENARIOS

- Blackmail
- Cyberstalking
- Harassment
- Doxxing
- “Ruin-life campaigns”

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## THREATS

- OSINT on social networking platforms
- Attack on weaker online services to access stronger ones
- Malware injection through download of targetized files (software, PDFs, apps...)

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## STRATEGIES

- Ignore them
- Report them
- Expose them
- Engage them
- Seek support
- Go anonymous
- Stay online if you can

*<https://www.takebackthetech.net/be-safe/hate-speech-strategies>*

# Create your own superhero(in)(s)

**PREVENTION**

**PARTITIONING OUR  
SOCIAL DOMAINS  
AND IDENTITIES**



# Create your own superhero(in)(s)

## DISCLAIMER #2

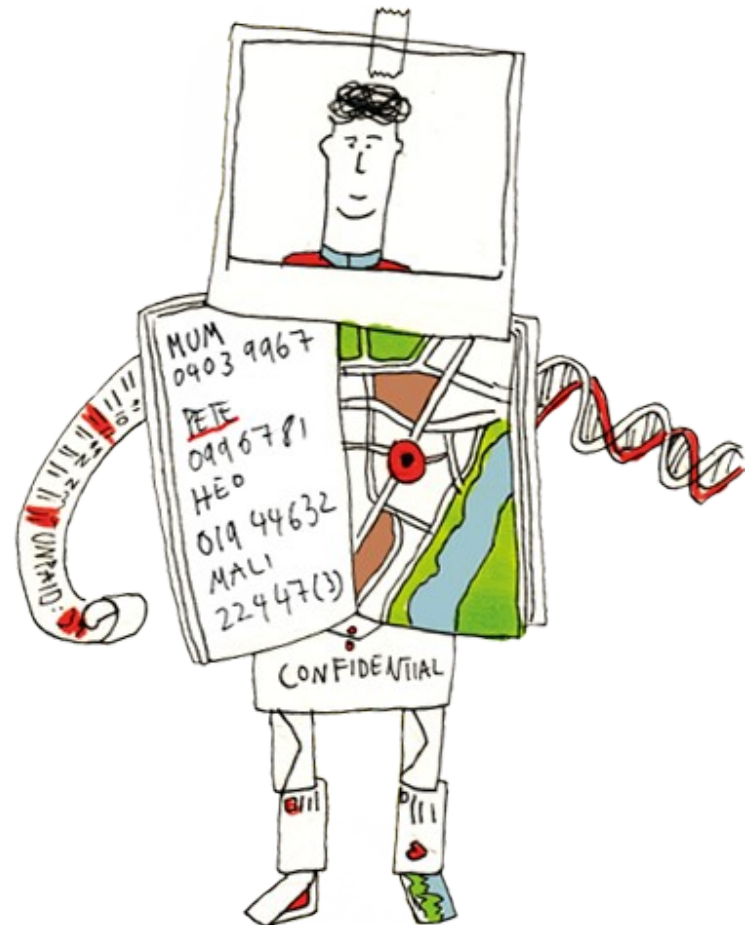




# Create your own superhero(in)(s)

## THE TRACES WE LEAVE BEHIND

- Invisible: metadata
- Visible: OSINT

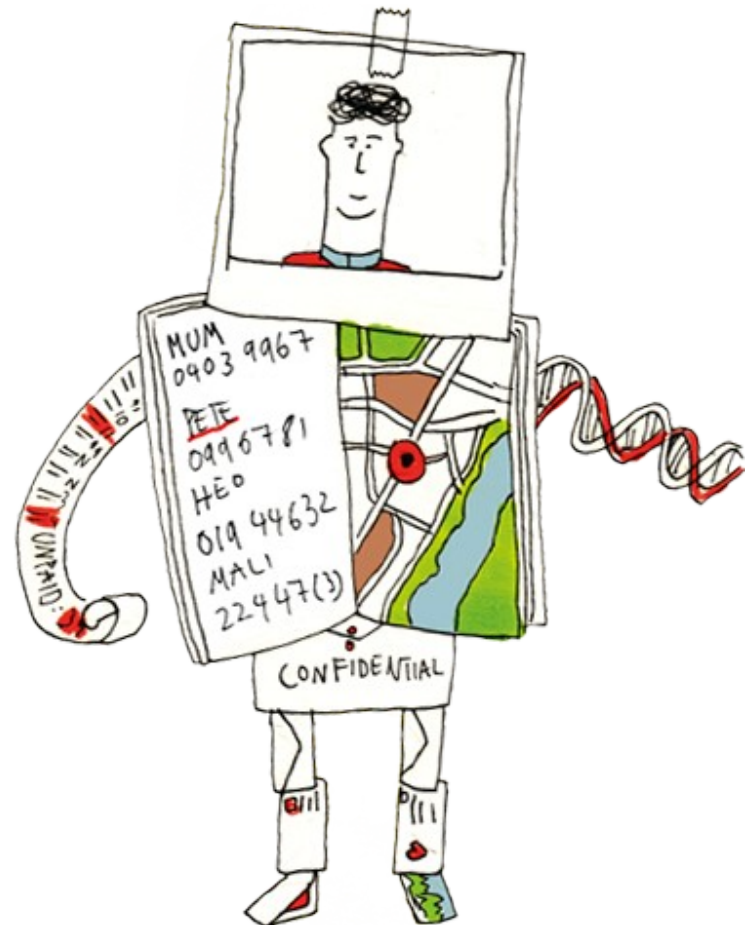


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## THE INVISIBLE TRACES WE LEAVE BEHIND

### Reducing metadata:

- No real name when registering a device or software such as Libre Office, Adobe Acrobat, etc.
- When publishing contents online change files with lots of metadata (.doc, .jpeg) to other formats (.txt, .png), or use plain text.
- Images: Metanull for Windows
- PDF: Adobe Acrobat XI Pro for Win/Mac, PDF MOD for GNU/Linux
- Firefox add-ons - Privacy Badger
- Monitor privacy settings and delete cookies
- Tor will hide specific metadata like our IP address



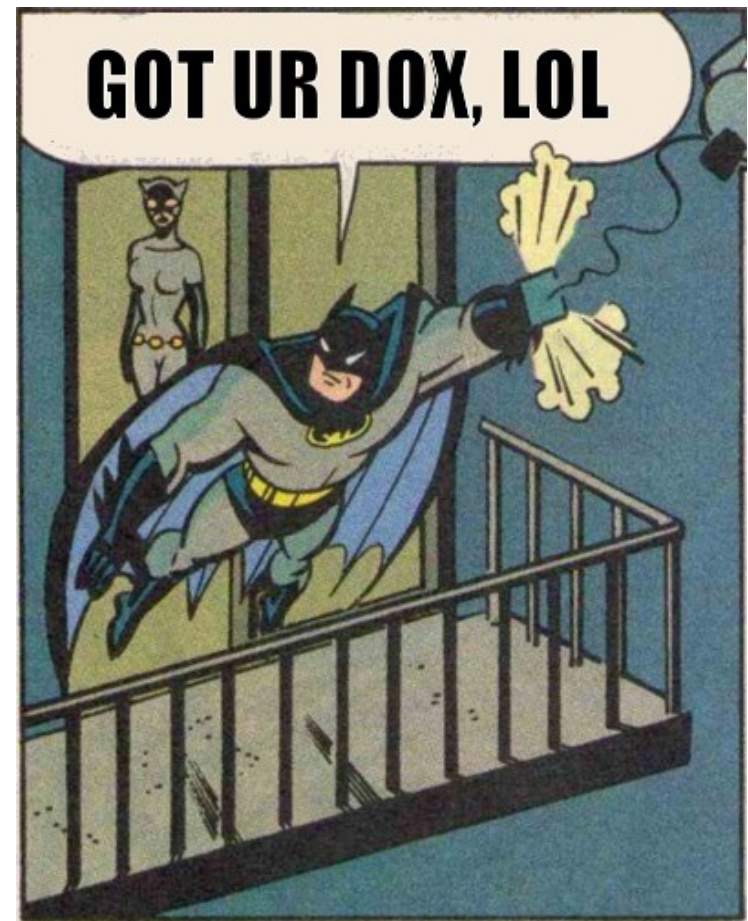
# Create your own superhero(in)(s)

## THE VISIBLE TRACES WE LEAVE BEHIND

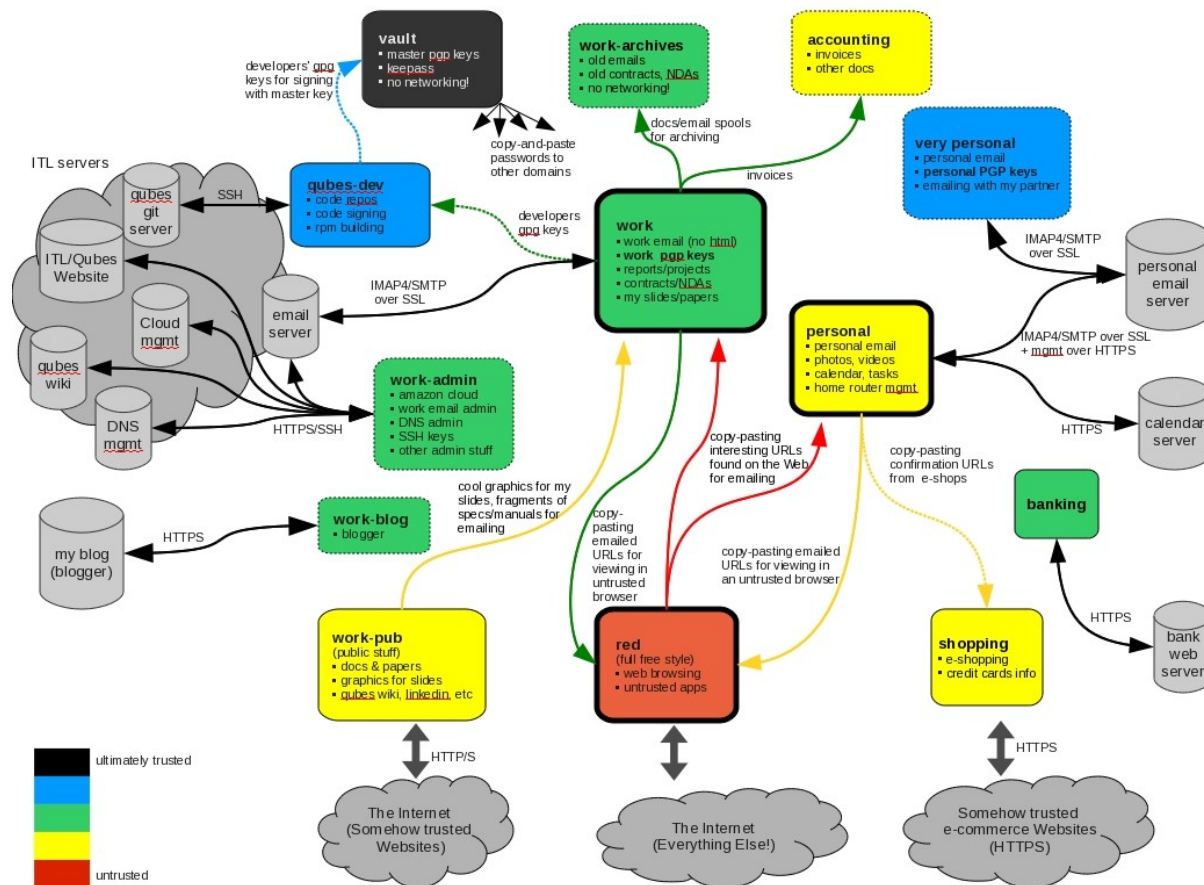
### Doxxing and Self-Doxxing:

Doxxing (from "Documents", or "Docx"): tracing or gathering information about someone using sources that are freely available on the internet

- Common search engines
- Specific services
- Public forums and mailing lists
- Images
- Whois search



# Create your own superhero(in)(s)



- Mapping our social domains
- Partitioning our digital life

Joanna Rutkowska,

Partitioning my digital life into security domains

<http://theinvisiblethings.blogspot.it/2011/03/partitioning-my-digital-life-into.html>



# Create your own superhero(in)(s)



## Kill your former identity?

- **Suicide Machine:**  
<http://suicidemachine.org>
- **AccountKiller:**  
<https://www.accountkiller.com>  
(instructions)
- **Just Delete Me :**  
<http://justdelete.me> (direct links)

# Create your own superhero(in)(s)



*“Remember when, on the Internet,  
nobody knew who you were?”*

**Create  
a new identity**

- What's in a name?

# Create your own superhero(in)(s)



*“Remember when, on the Internet,  
nobody knew who you were?”*

## Create a new identity

- Fake identity generators:  
<https://fakena.me>  
<https://decoys.me>
- Temporary email:  
<https://anonbox.net> (CCC)  
<https://www.guerrillamail.com>
- Mail account (and aliases) with  
autonomous servers (Riseup, A/I...)

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## Create a new identity

### Blogs

- <https://www.noblogs.org> (A/I)
- <https://www.blackblogs.org> (nadir)

### Websites and subsites

- <https://autistici.org>

### Domain with anonymized whois info



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*“Remember when, on the Internet,  
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**Create a new identity**

**Alternative social networks**

- Diaspora  
<https://joindiaspora.com>
- Friendica  
<https://friendica.com>
- Crabgrass  
<https://we.riseup.net>

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## Create a new identity

### Tips for using social networks

- Check the privacy settings and terms of service
- Check your public profile info
- Don't network with your other identities and with their contacts
- Disable GPS tracking
- Delete metadata from pictures
- Use separate apps for each identity
- Post at different times
- Post about far away events

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## Create a new identity

### A credible persona

A virtual persona is not just a name with a mail address and web accounts. Our main traits (gender, job...) can help connect the dots between our fake personas and our true selves.

- Linguistic fingerprint
- Create a character with a story
- Weaknesses, but not your own!

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## DIFFERENT OSs



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	Tails	Whonix	Qubes OS
<b>Required hardware/software</b>	"x86 compatible and/or Virtual Machines; DVD, USB stick, or SD card for booting the system"	"x86 compatible pc with VirtualBox"	"a powerful pc capable of running Qubes OS"
<b>System requirements</b>	"lowest"	"high"	"highest"
<b>Difficulty to install</b>	"medium"	"medium"	"easy"
<b>Difficulty to configure</b>	"low"	"medium"	"high"
<b>Learning curve</b>	"low"	"low"	"high"
<b>Anonymization by default</b>	"yes"	"yes"	"no"
<b>Security by isolation</b>	"no"	"yes"	"yes"
<b>Pre-installed applications</b>	"nice selection"	"not many"	"not many, and some, like Tor or Virtualbox cannot be installed at all"
<b>Persistence</b>	"no (available option)"	"yes"	"yes"

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*"On the Internet, nobody knows you're a dog."*

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577D 8458 CF6C 0BC7 F55C 3FED 0FCB 6B8A 3159 A018