GO HACK YOURSELF
OR SOMEONE ELSE WILL

CHROME EXTENSIONS

Popular Google Chrome extensions are constantly tracking you per default, making it very difficult or impossible for you to opt-out

- *These extensions will receive your*
  - *complete browsing history*
  - *all your cookies*
  - *your secret access-tokens used for authentication*
    - *Facebook Connect*
  - *shared links from*
    - *Dropbox*
    - *Google Drive*

Source: http://www.infoq.com/

WHAT HAPPENS TO THE BROWSING HISTORY THEY ARE TRACKING?

- is made available through analytics services

- anyone can sign up to pay for a monthly subscription to analyze and dig through this traffic

- there's a possibility that your personal cookies are being used to:
  - make the analytics even more accurate in terms of:
    - location
    - Gender
    - Age
    - interests

SHARED LINKS ON DROPBOX OR GOOGLE DRIVE

- tracking services are able to get access to all information shared

    - confidential material like financial reports

    - Internal contract

    - Documents ….. Whatever

- Through these analytics services, people can find these links to the documents and gain access to them without your knowledge or consent.

THEY ARE SENDING OVER EVERYTHING ABOUT YOU. EVERY. THING

- They also steal all your cookies and OAuth access-tokens

- Here are some examples of what kind of data that is being shared from some of the third-party scripts

  - User opens new tab. Enters nytimes.com

  - `send tracking -> "user opened new tab with nytimes.com"`

  - User changes the address in the address bar to: huffpost.com

  - `send tracking -> "user changed from nytimes.com to huffpost.com"`

- User visits a shared link with family photos, only people with the link can access the photos.

- send tracking -> "user opened a new tab and here is the complete Dropbox-URL for your personal data being shared"

```
s=1809&md=21&pid=qaKvARJ4aAxQotj&sess=45150722491119220&sub=chrome&q=https
%3A//www.dropbox.com/s/acjz5lj3fxx55hl/secret.txt&prev=https%3A%2F%2Fdocs.
google.com%2Fdocument%2Fd%2F2u32kabq3ivhA0abfo4LlgjuSARae8B4-raANN1bMTAM%2
Fedit&tmv=4015&tmf=4S0%3D
```

- To find out more read the actual post at
  - http://labs.detectify.com/post/133528218381/chrome-extensions-aka-total-absence-of-privacy

- Detectify explains
  - Watching data from the other side – How we found out
  - Technical Details – how they are doing it