

4-1-3

Safer Browsing

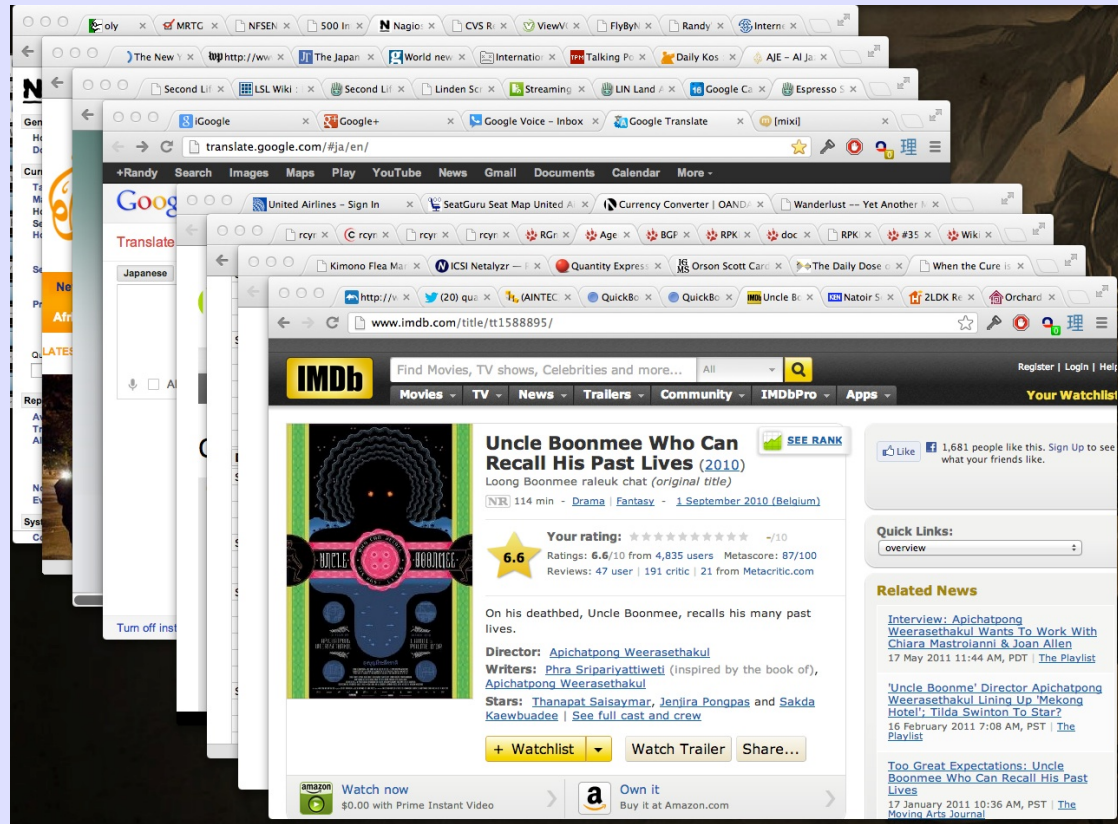
Internet Explorer

- Long History of Vulnerabilities
- First Target because of Popularity
- Microsoft is Not Always Concerned with Your Privacy
- Closed Source, No One Inspects it
- Does SandBoxing, so Reasonably Safe

I Use Chrome

- Process Isolation per Tab, so scales well

And
I
Care!



- But I Worry About Leaking Data to Google

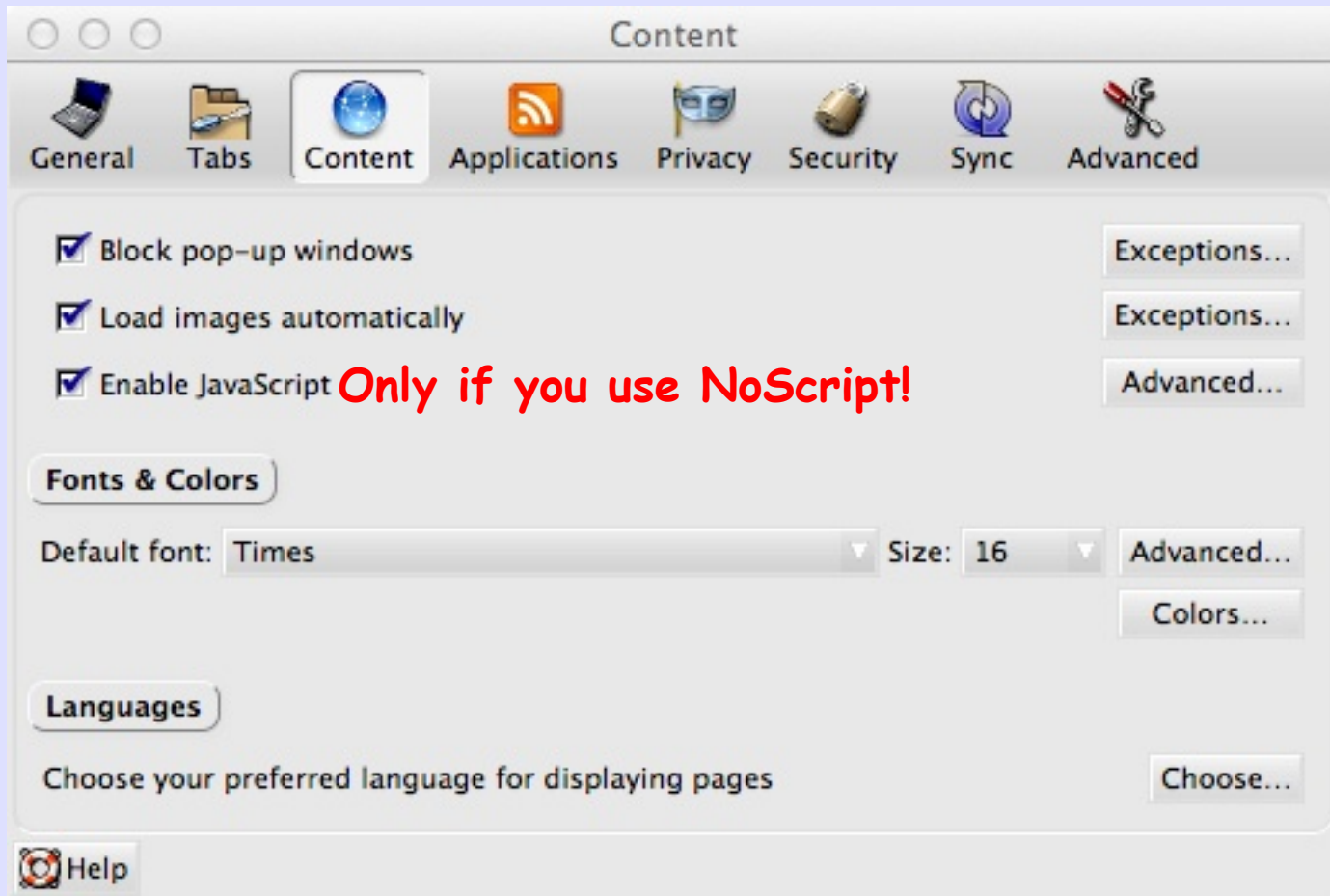
I Recommend FireFox

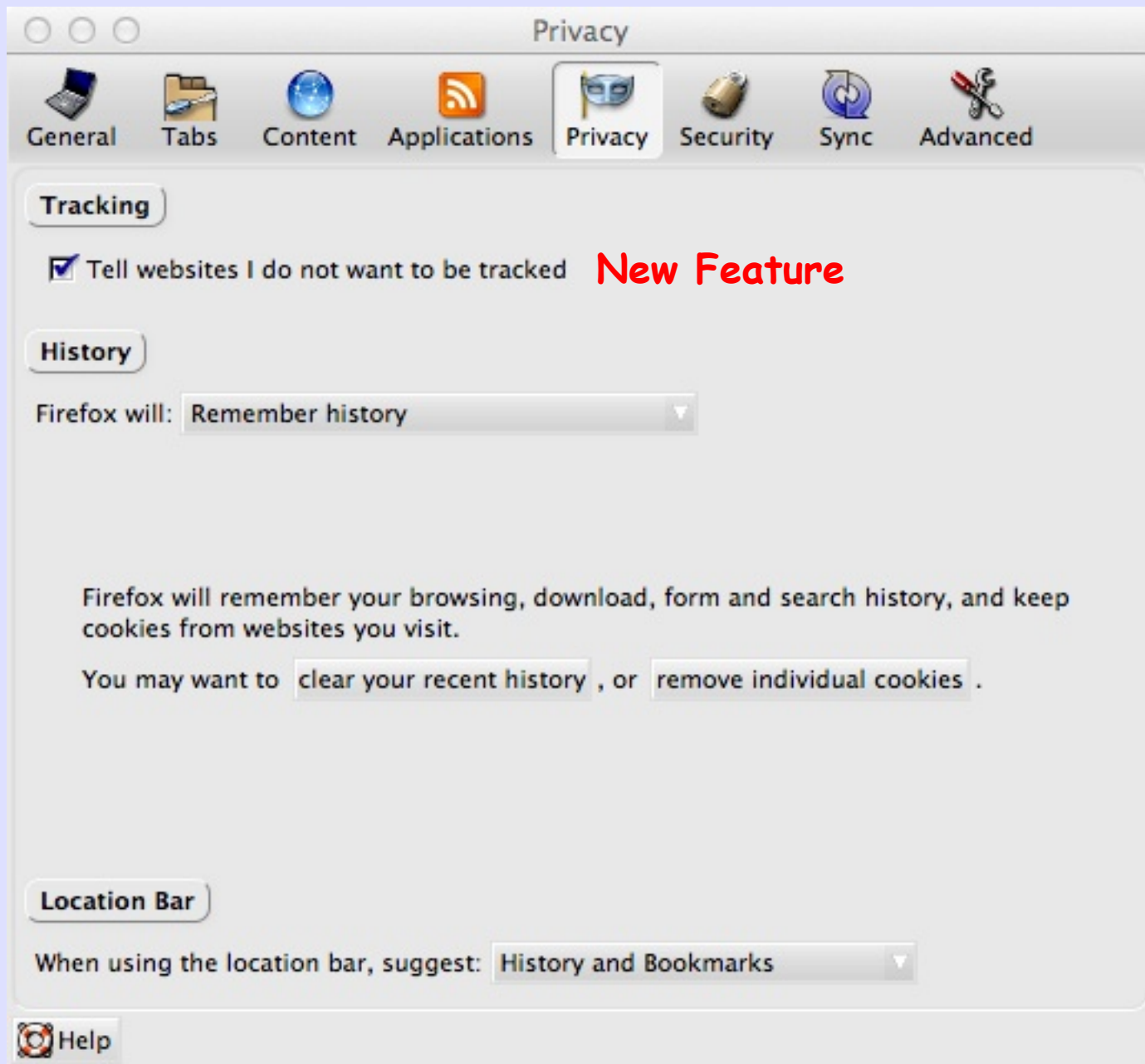
- Free and Open Source (i.e. inspected)
- Standards Compliant, no Proprietary Tricks to Lock You In
- Popular, so has Rich Extension Catalog
- Runs on All Significant Platforms

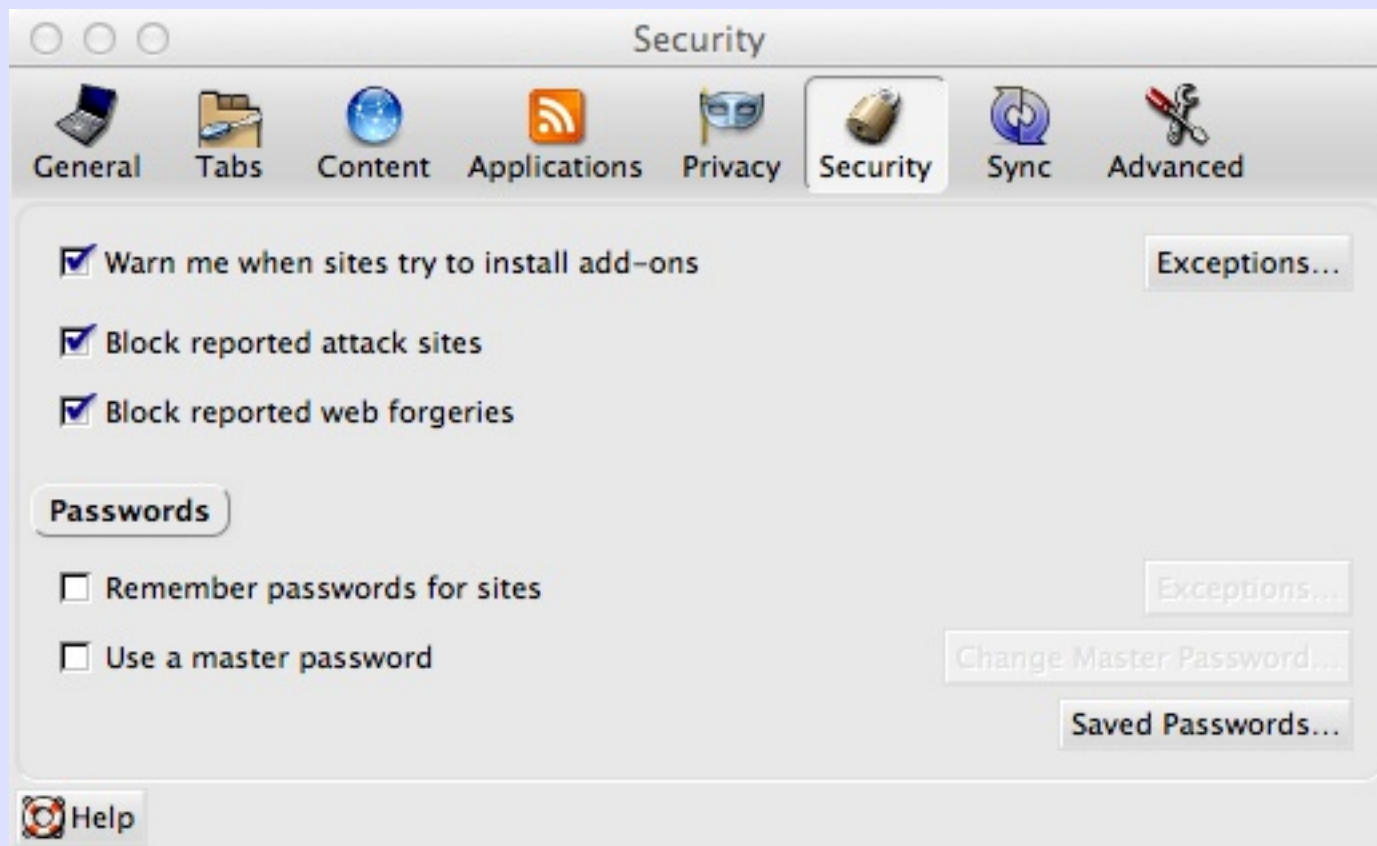
Do Not Let Browser Remember Passwords

- Lose Laptop and Lose your Bank Account
- Password Database Encryption is Weak
- Use 1Password Instead

Prefs - Content







Plug-Ins

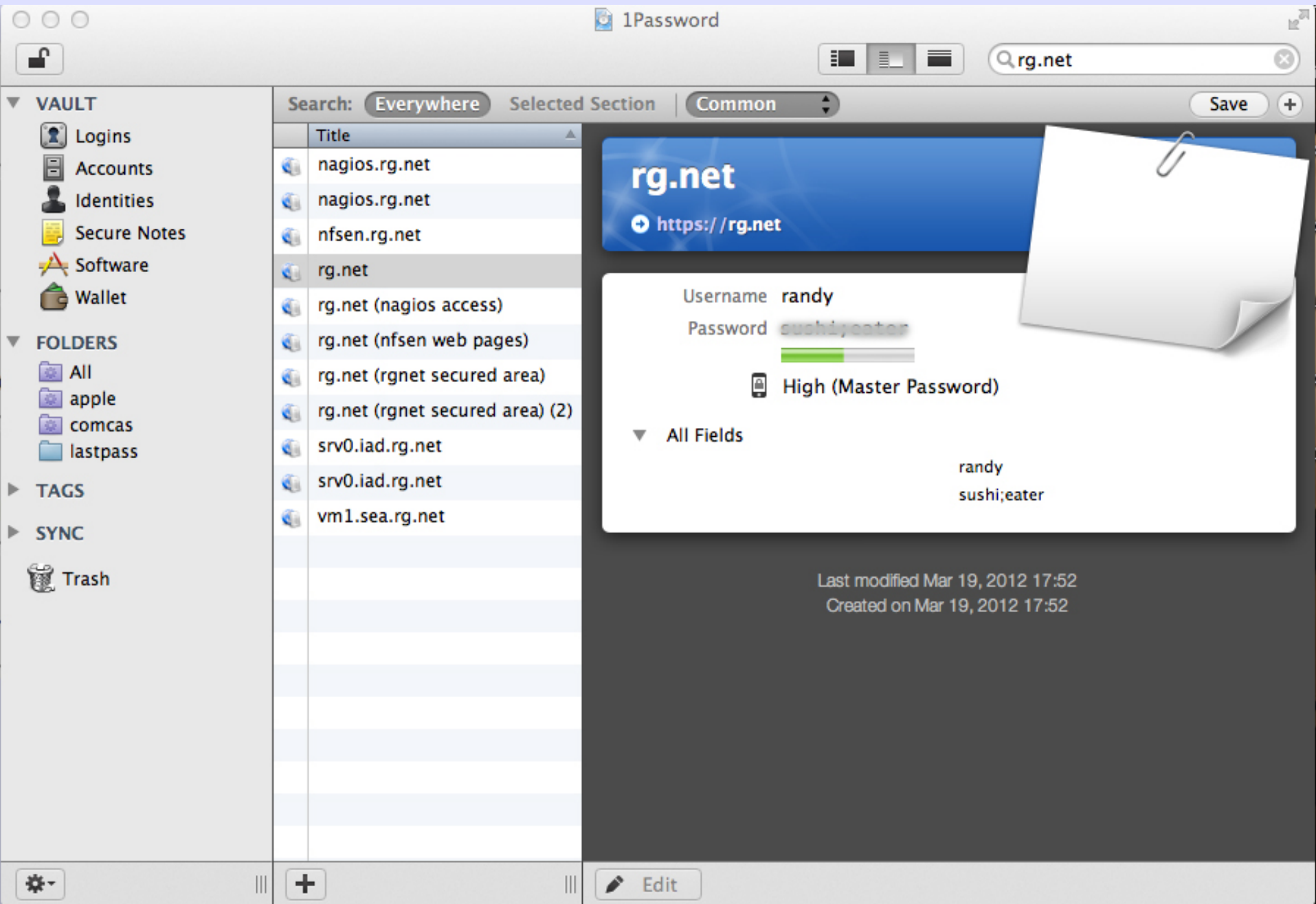
**1Password 3.9.9**
Password and identity manager for Mac, Windows, iOS and Android.

**Adblock Plus 2.1.2**
Ads were yesterday!

**DoNotTrackPlus 2.2.1.829**
Stops web tracking to protect your privacy

**NoScript 2.6.1**
Extra protection for your Firefox: NoScript allows JavaScript, Java (and other plugins) only...

**HTTPS-Everywhere 3.0.4**
Encrypt the Web! Automatically use HTTPS security on many sites.



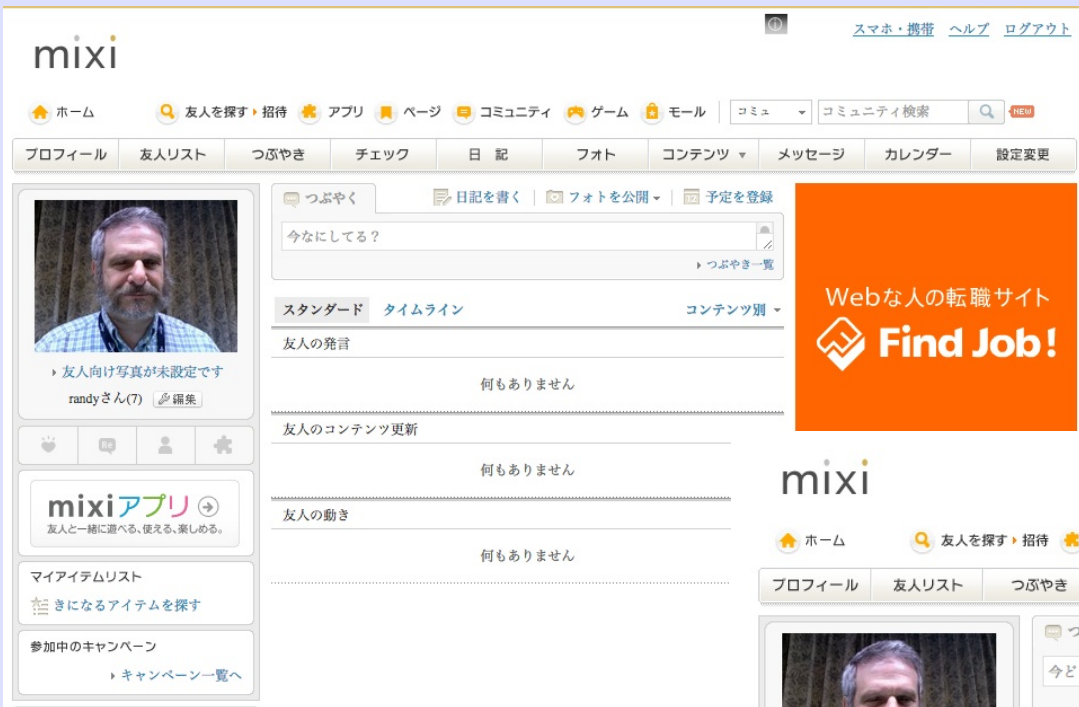
1Password

- Runs on Most Platforms
- Plug-Ins for Most Browsers
- Passwords, Credit Cards, Addresses, ...
- Keep DataBase in DropBox and you
Have Data on Phone, Laptop, Tablet, ...
- It Does Cost Money ☹

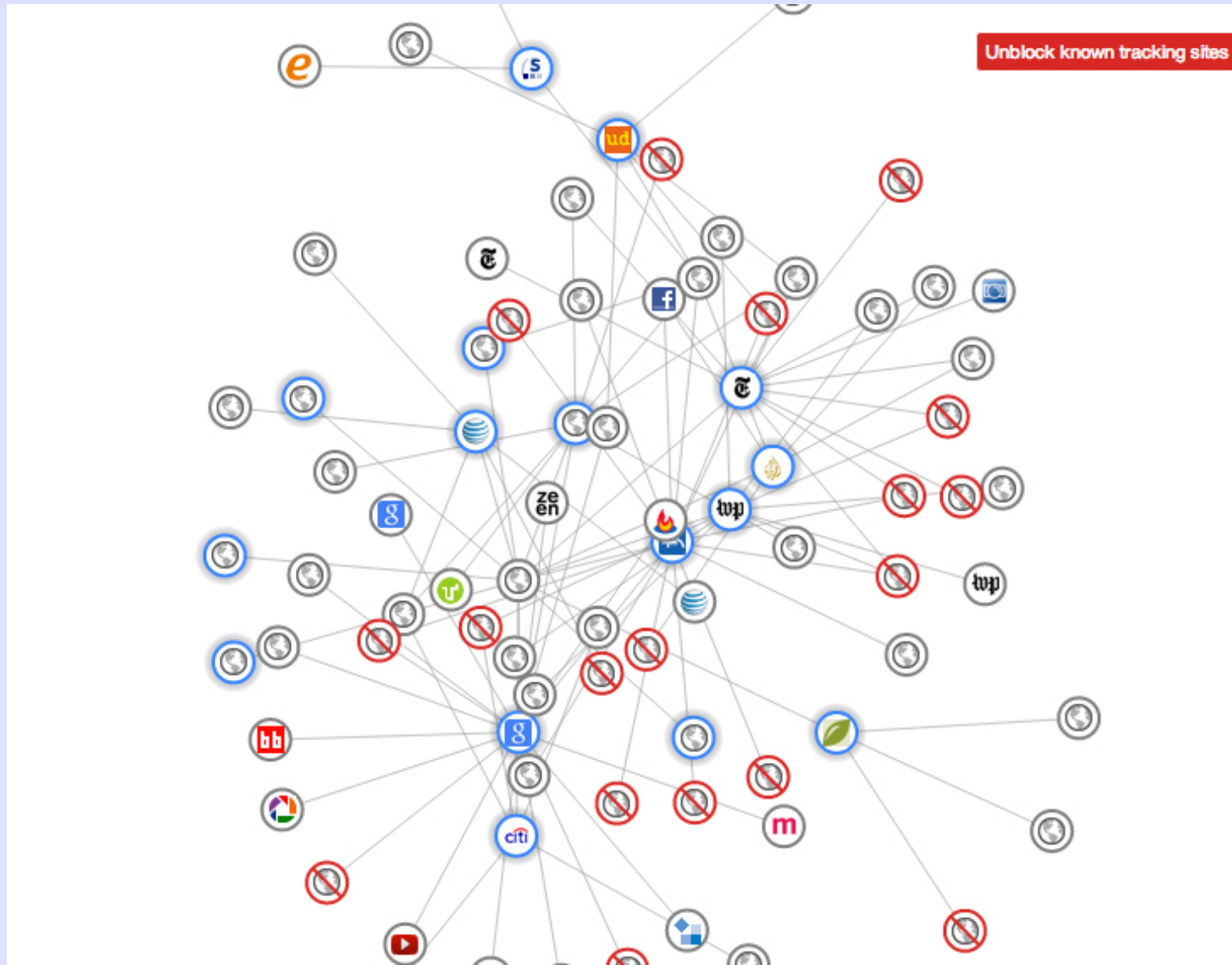
AddBlock Plus

Without AddBlock

With AddBlock



Collusion - Who Tracks



Do Not Track Plus

The screenshot shows a web browser window with the address bar displaying "Wikipedia (en)". The main content area shows the New York Times homepage, dated Saturday, November 17, 2012. The page features a large image of a grocery store aisle filled with boxes of Twinkies and other snacks. The Do Not Track Plus extension is overlaid on the right side of the browser window. The extension's interface is dark blue with white text. It displays the title "Do Not Track Plus" and a link to "How DNT+ works". Below this, it shows the status for the current site: "Blocking tracking @ nytimes.com" with an "Allow site" button. The extension lists the following tracking status:

- 1 social network tracking you: 1 blocked
- 2 ad networks tracking you: 2 blocked
- 5 companies tracking you: 4 blocked

At the bottom of the extension overlay, it states: "In Control! Your all-time total is: **176 blocked**". Below this, it mentions "Abine.com | the online privacy company" and provides links for "How DNT+ works", "Settings", and "Say hello". At the very bottom of the extension, there are three buttons: "Special Offer For DNT+ Users", "Be Safe on Public WIFI", and "Support DNT+: Review Us!".

NoScript - JavaScript



HTTPS Everywhere

- If a Site has HTTP and HTTPS, it Forces Use of HTTPS
- I.e. You get Authentication of Site
- Your Traffic is Encrypted

Let's Install & Configure

- <https://mozilla.org/firefox/>
or IE if you insist
- Configure for Privacy
- <https://www.mozilla.org/collusion>
- <https://abine.com/dntdetail.php>
- <https://agilebits.com/onepassword>
- <http://noscript.net/>
- <https://adblockplus.org/>
- <https://www.eff.org/https-everywhere>