

4-3-2 Safer Browsing

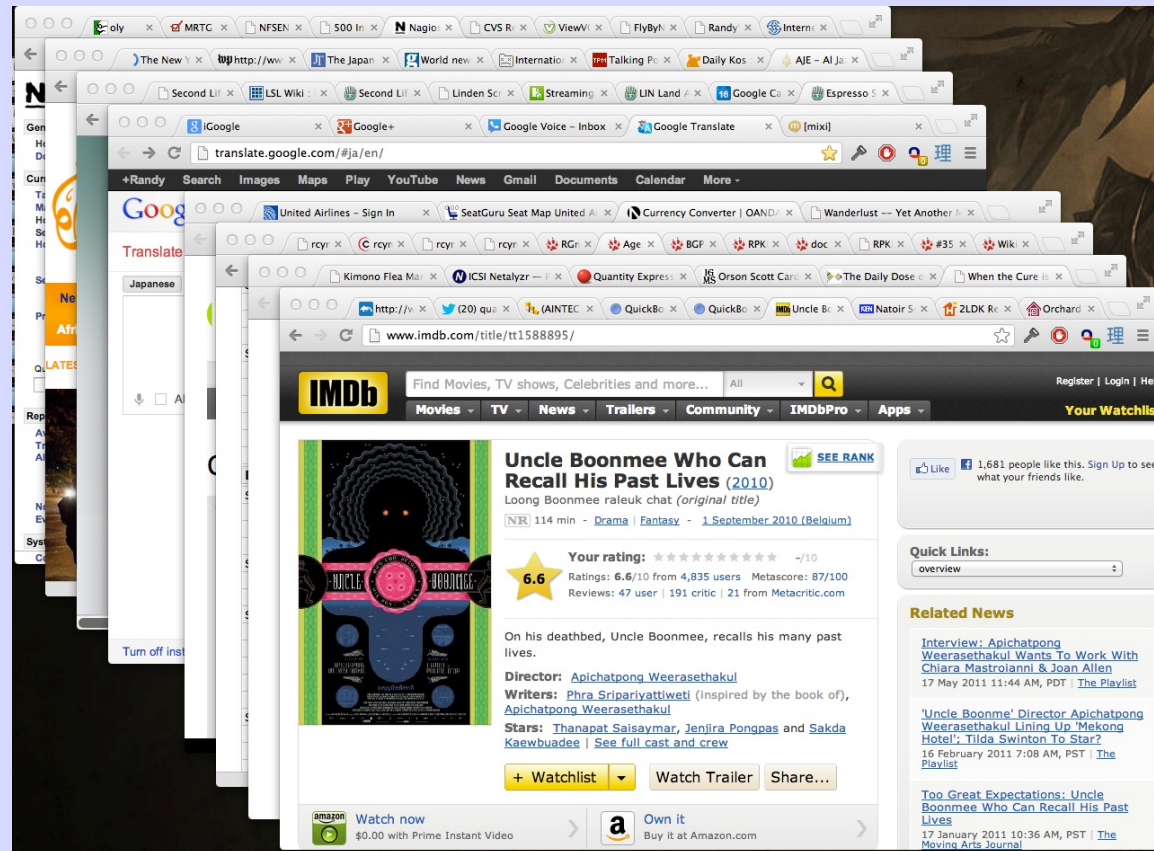
Internet Explorer

- 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

Sometimes I Use Chrome

- Process Isolation per Tab, so scales well

And
I
Care!



- But I Worry About Leaking Data to Google

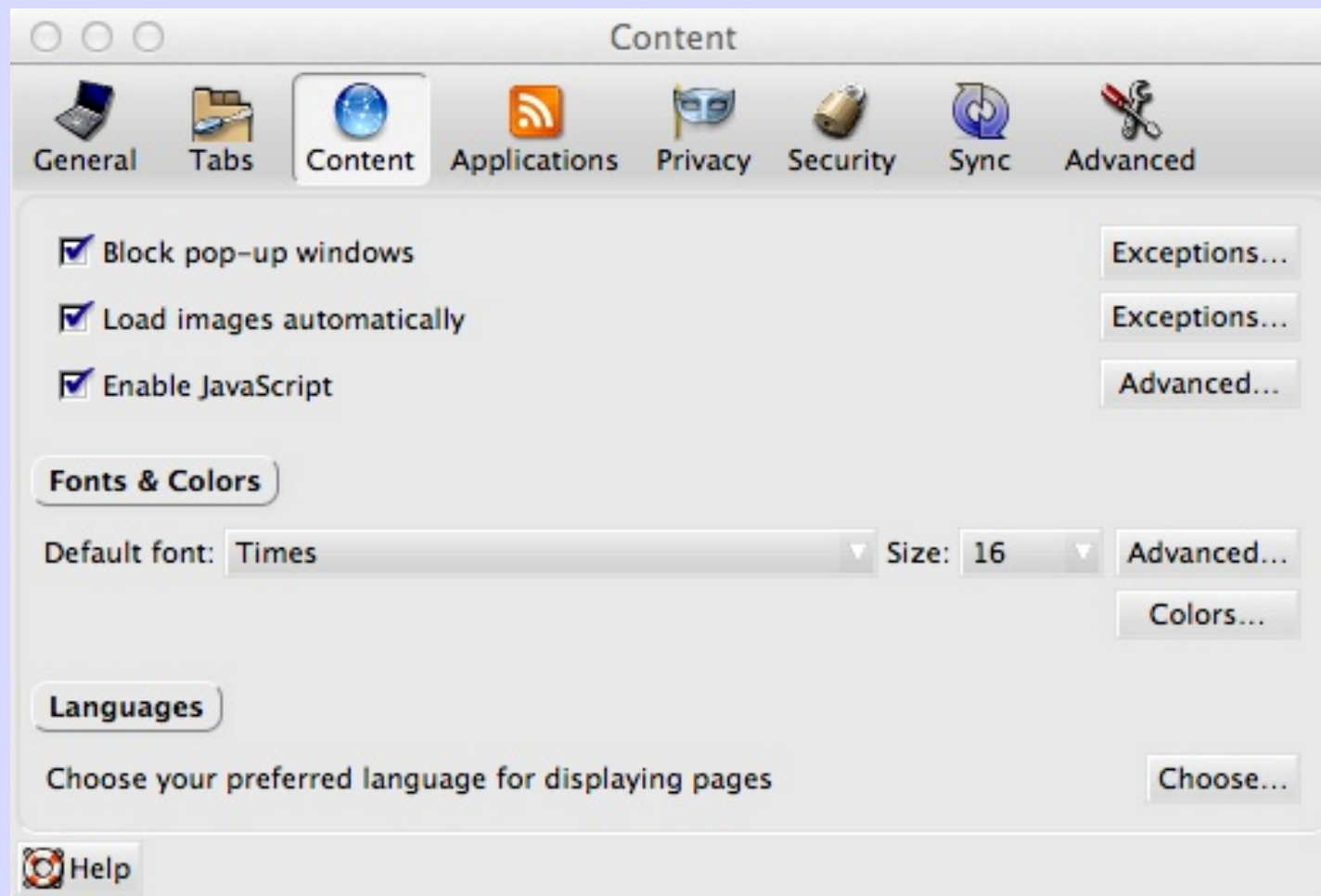
I Recommend FireFox

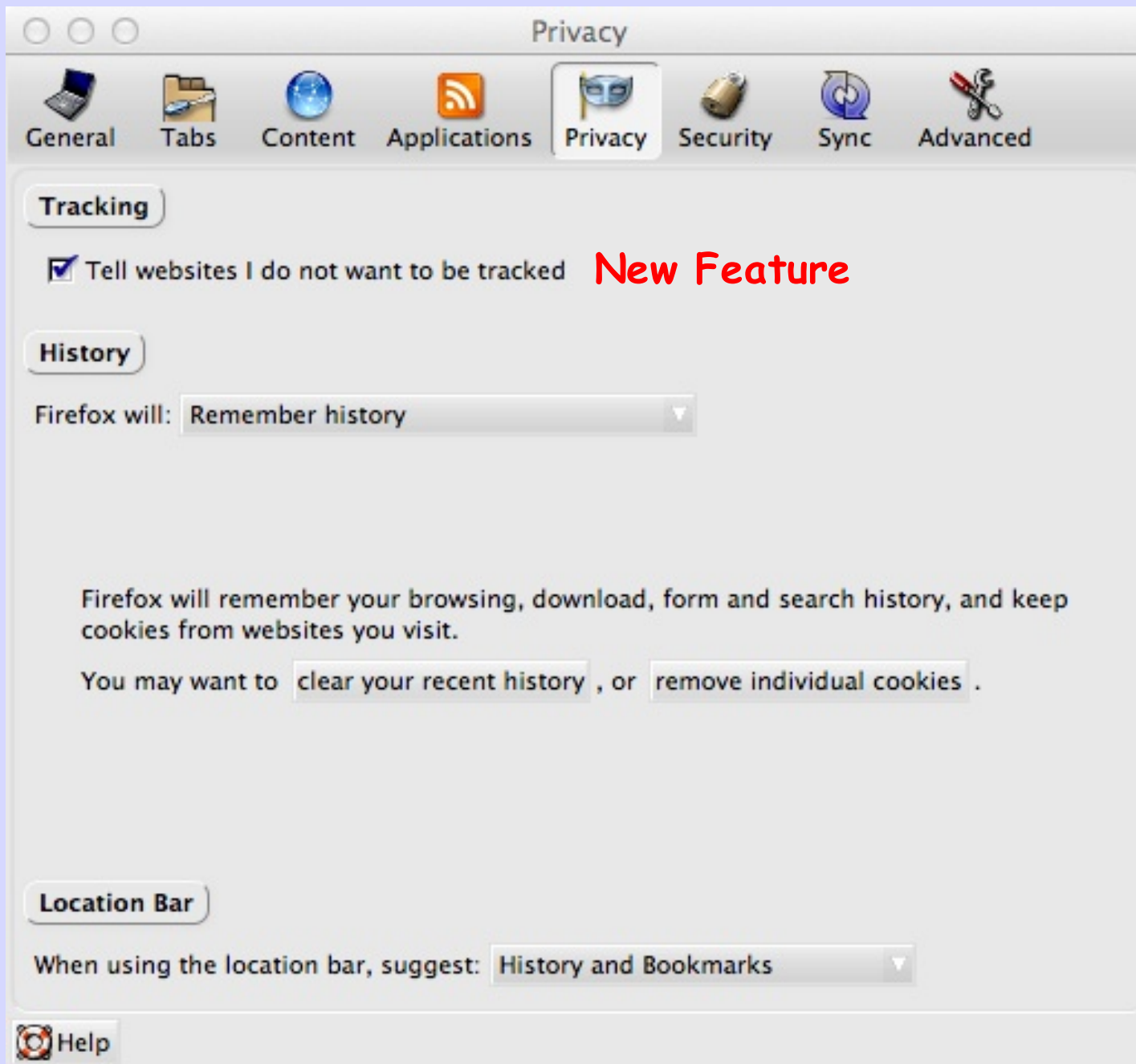
- Free and Open Source (i.e. inspected)
- Standards Compliant, no Proprietary Tricks to Lock You In
- Popular, so has Rich Extension Catalog
- Runs on All Significant Platforms

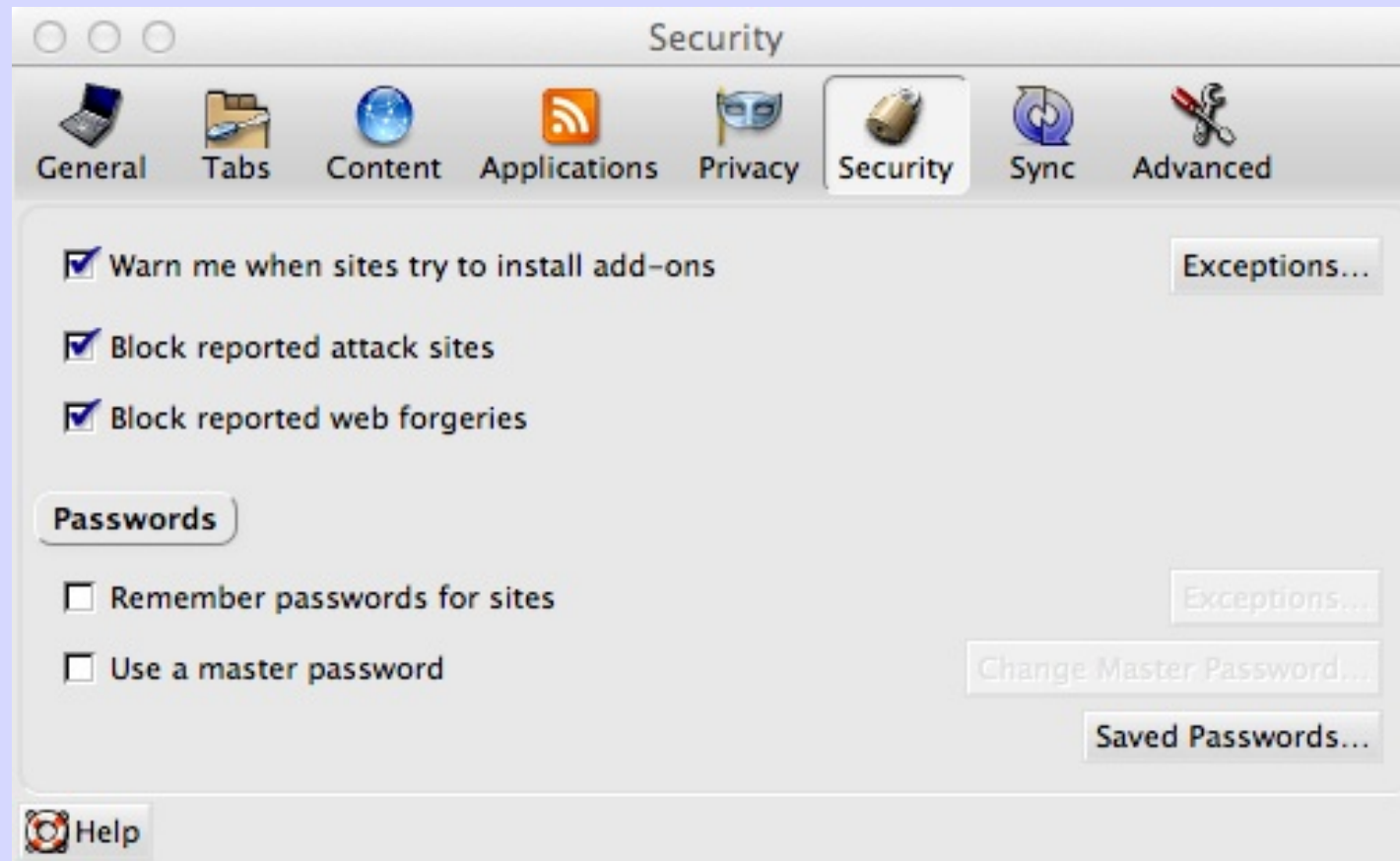
Let Browser Remember Passwords

- Only if you use Full Disk Encryption
- Only if your Laptop Locks Quickly
- Lose Laptop and Lose your Bank Account
- Use 1Password or LastPass managers


Prefs - Content











Plug-Ins

 Get Add-ons

 Extensions


 Appearance

 Plugins


 Services

Some extensions could not be verified


Search all add-ons

**1Password**
Password and identity manager for Mac, Windows, iOS and Android. [More](#)


DisableRemove

**Privacy Badger**
Protects privacy by blocking spying ads and invisible trackers. [More](#)


PreferencesDisableRemove

**The Addon Bar (restored)**
Gives you a place to put all your addon buttons without over-cro... [More](#)

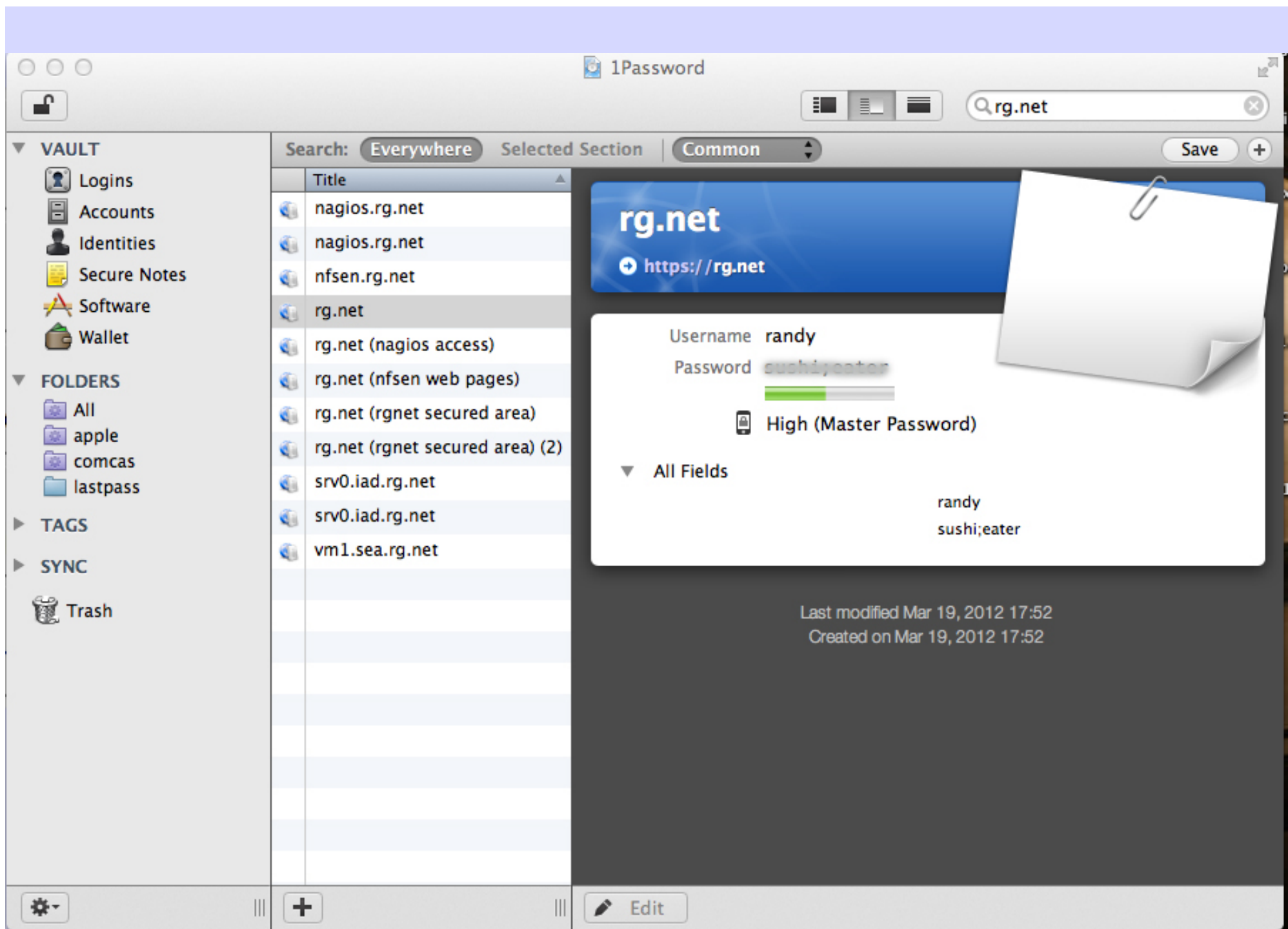
PreferencesDisableRemove

**uBlock**
A fast, potent, and lean blocker. Easy on CPU and memory. [More](#)

PreferencesDisableRemove

**Privacy Badger**
Protects privacy by blocking spying ads and invisible trackers. [More](#)

PreferencesDisableRemove



LastPass

- 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, ...

uBlock

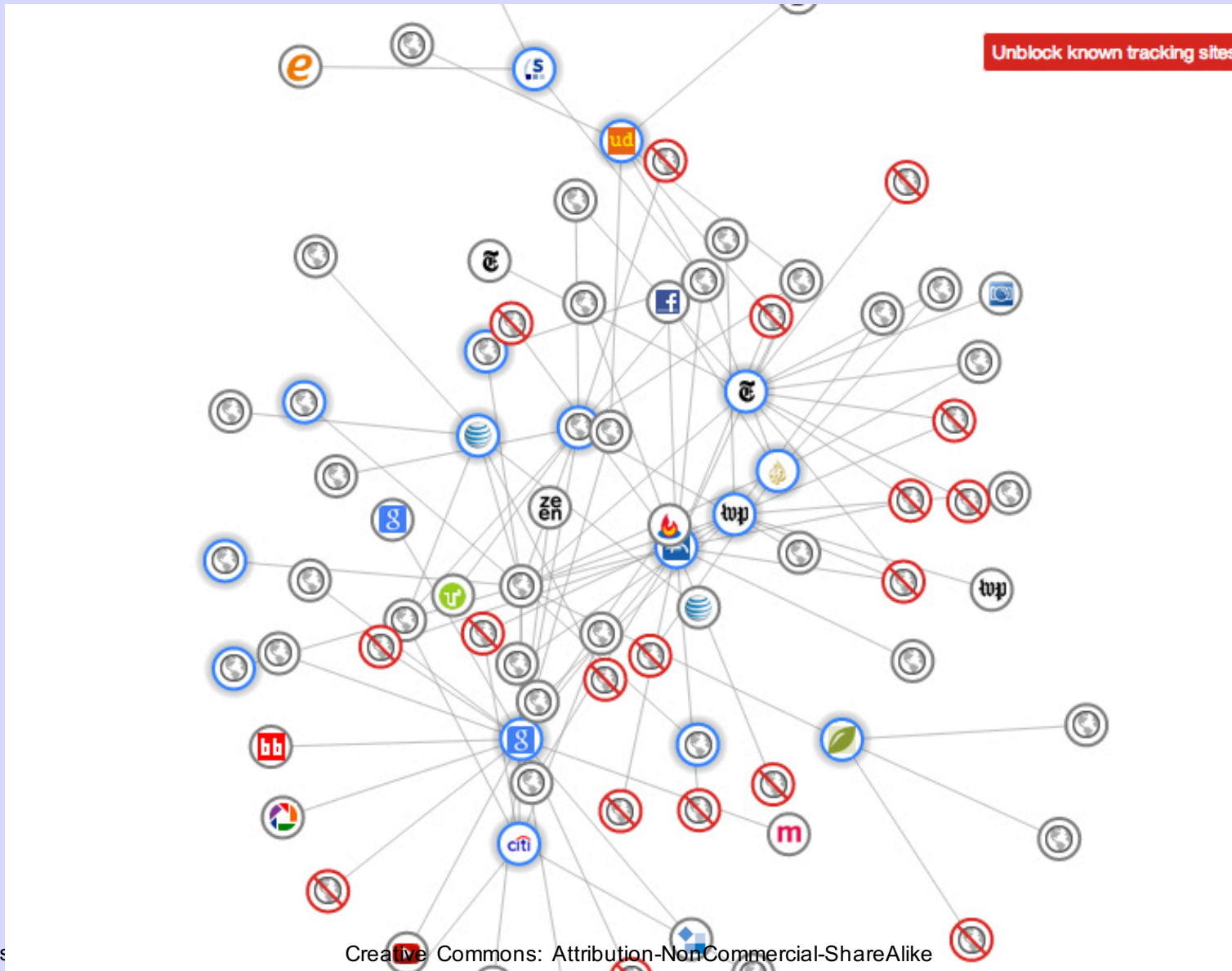


Without uBlock

With uBlock



Privacy Badger



Disconnect Blocks Too

The screenshot shows a web browser window with the address bar displaying 'Wikipedia (en)'. The page content is from the New York Times website, dated Saturday, November 17, 2012. The main headline is 'The New York Times'. Below the headline, there is a photograph of a grocery store aisle filled with boxes of Twinkies and other snacks. A dark blue overlay titled 'Do Not Track Plus' is positioned on the right side of the browser window. The overlay lists tracking and blocking statistics for the current site (nytimes.com): 1 social network tracking you (1 blocked), 2 ad networks tracking you (2 blocked), and 5 companies tracking you (4 blocked). It also shows an all-time total of 176 blocked trackers. At the bottom of the overlay, there are links to 'How DNT+ works', 'Settings', and 'Say hello', along with buttons for 'Special Offer For DNT+ Users', 'Be Safe on Public WIFI', and 'Support DNT+: Review Us!'.

POPULAR U.S. Edition ▼

The New York Times

Saturday, November 17, 2012 Last Update: 12:00

1 social network tracking you: 1 blocked

2 ad networks tracking you: 2 blocked

5 companies tracking you: 4 blocked

In Control! Your all-time total is: **176 blocked**

Abine.com | the online privacy company

How DNT+ works | Settings | Say hello

Special Offer For DNT+ Users Be Safe on Public WIFI 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
- Becoming Obsolete

DNSsec & DANE

- The green lock tells you that the site's TLS certificate is valid
 - You are talking to the right site
 - Your traffic is encrypted
- Want to know if the site you are visiting is DNSsec signed?
- Want to know if the cert is really valid?

There's an AddOn



1Password

Password and identity manager for Mac, Windows, iOS and Android. [More](#)

Disable

Remove



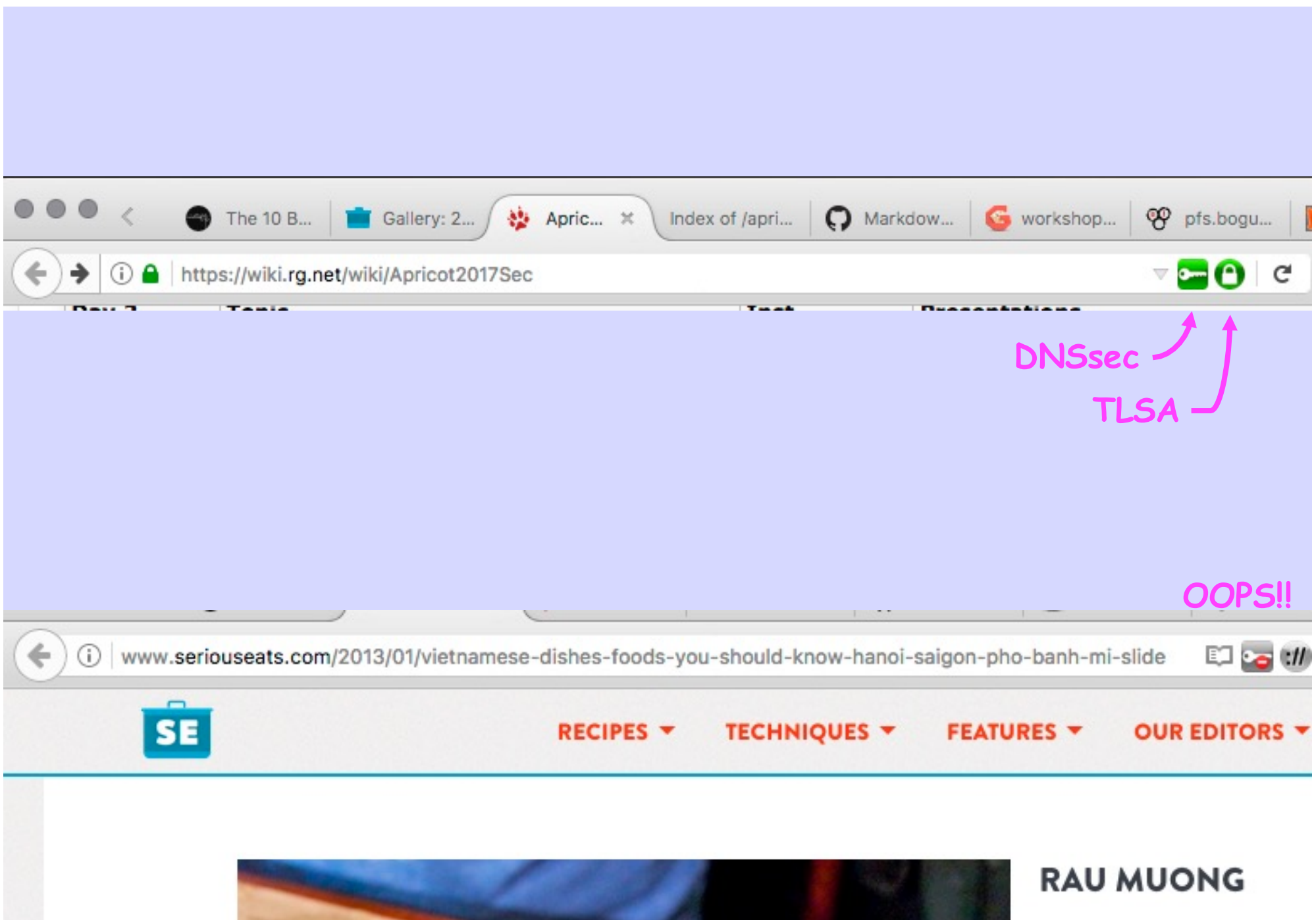
DNSSEC/TLSA Validator

Check DNSSEC security of domain names and chec... [More](#)

Preferences

Disable

Remove



Install & Configure

- <https://mozilla.org/firefox/>
or IE or Safari if you insist
- Configure for Privacy
- <https://www.eff.org/privacybadger>
- <https://agilebits.com/onepassword>
- <http://noscript.net/>
- <https://www.ublock.org/>
- <https://addons.mozilla.org/en-US/firefox/addon/dnssec-validator/>
- <https://lastpass.com/>