



eLabFTW

a free and open source
electronic lab notebook

Why you should choose eLabFTW

eLabFTW costs nothing to deploy

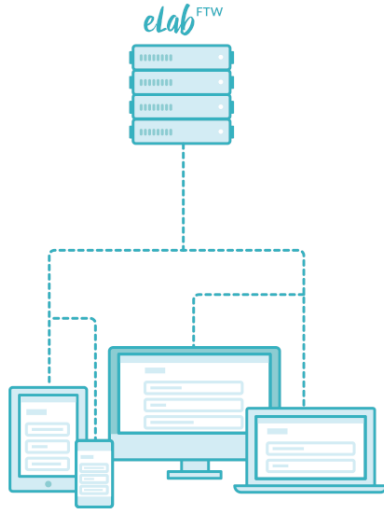
- Free as in beer
- Free as in speech (AGPLv3 licence)
- Unlimited users
- Unlimited experiments
- Unlimited storage
- Unlimited everything basically
- Forever



NOW WITH
50%
LESS SUGAR!*



eLabFTW works everywhere for everyone



- Installed on a server and accessed through a browser:
 - Works from Windows, Mac and GNU/Linux
 - Works on iPad, iPhone, Android, tablets, ...
- No need to install anything on users' computers

eLabFTW is secure

Test results from [Mozilla's observatory](#) (testing good practices in web security)



eLabFTW

Scan Summary



Host:	www.elabftw.net
Scan ID #:	5282395
Start Time:	September 18, 2017 11:14 AM
Duration:	12 seconds
Score:	115/100
Tests Passed:	11/11



SCI NOTE

Scan Summary



Host:	scinote.net
Scan ID #:	5282970
Start Time:	September 18, 2017 11:34 AM
Duration:	8 seconds
Score:	0/100
Tests Passed:	4/11

findings

Scan Summary



Host:	findingsapp.com
Scan ID #:	5284929
Start Time:	September 18, 2017 12:39 PM
Duration:	8 seconds
Score:	0/100
Tests Passed:	4/11



Benchling

Scan Summary



Host:	benchling.com
Scan ID #:	5289953
Start Time:	September 18, 2017 3:27 PM
Duration:	3 seconds
Score:	55/100
Tests Passed:	7/11



LabVantage

Scan Summary



Host:	www.labvantage.com
Scan ID #:	5282382
Start Time:	September 18, 2017 11:14 AM
Duration:	5 seconds
Score:	0/100
Tests Passed:	3/11



labarchives
Chance Favors the Organized Lab

Scan Summary



Host:	www.labarchives.com
Scan ID #:	5289978
Start Time:	September 18, 2017 3:28 PM
Duration:	13 seconds
Score:	0/100
Tests Passed:	5/11



labfolder

Scan Summary



Host:	www.labfolder.com
Scan ID #:	5289947
Start Time:	September 18, 2017 3:27 PM
Duration:	18 seconds
Score:	15/100
Tests Passed:	5/11

labguru

Scan Summary




Host:	labguru.com
Scan ID #:	5284913
Start Time:	September 18, 2017 12:38 PM
Duration:	22 seconds
Score:	15/100
Tests Passed:	5/11

Which one of these would you trust with your data?

eLabFTW is secure (part 2)

- Docker containerization technology using Alpine linux as base image
- HTTPS by default with modern protocols and modern cipher suite
- 2048 bits Diffie-Hellman parameters for perfect forward secrecy
- Installed on your server inside your network: no data leakage
- Secure headers (see scan below)

Security Report Summary



Site:	https://demo.elabftw.net/login.php
IP Address:	2001:bc8:31d5:100::1
Report Time:	18 Sep 2017 13:51:21 UTC
Report Short URL:	https://schr.io/adj
Headers:	<div><div>✓ Strict-Transport-Security</div><div>✓ X-Frame-Options</div><div>✓ X-XSS-Protection</div><div>✓ X-Content-Type-Options</div><div>✓ Content-Security-Policy</div><div>✓ Referrer-Policy</div><div>✗ Public-Key-Pins</div></div>
Warning:	Grade capped at A, please see warnings below.

From <https://securityheaders.io>

eLabFTW is translated in several languages



- Because not everyone is a native english speaker, each user can choose which language they prefer
- Users can also easily contribute to translations (see [the contributing page](#))

eLabFTW can timestamp your experiments



Never worry anymore about patents. With experiments timestamping you'll be able to prove the experiment was done at the specified time!

eLabFTW is used all over the globe

Here are some places known to run an eLabFTW instance (list is definitely not comprehensive)



UPPSALA
UNIVERSITET



Hannover Medical School



UNIVERSITY OF LEEDS

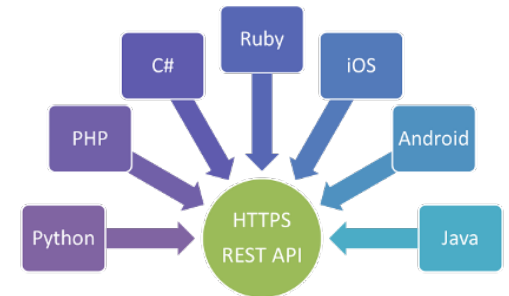
eLabFTW works with centralized authentication for users

- Have an Identity Provider on your network for authentication on applications? eLabFTW can use that (SAMLv2)
- Or you can have local users (or both)

eLabFTW features a public API

Users can interact with eLabFTW through a REST API:

- automatic experiments update at the end of the experiment
- json export
- allows use of external tools to interact with database
- a python library exists to facilitate such tasks



elabapy 0.4.0

`pip install elabapy`



eLabFTW is packed with features

- WYSIWYG editor or Markdown
- File uploads
- 3D Mol support for 3D molecules
- Chemical editor for 2D molecules
- Steps for experiments
- Protocols
- Template system
- Scheduler to book rooms or microscopes or whatever you want
- Links between entities
- Tagging system
- ZIP, CSV and PDF export/import
- Great flexibility: can fit any kind of lab
- ...

Still have questions?

Drop me an email: nicolas.carpi@curie.fr

Website: <https://www.elabftw.net>

Live demo: <https://demo.elabftw.net>

Documentation: <https://doc.elabftw.net>