



**Free and Open Source
Electronic Lab Notebook (ELN)**

A completely objective review of eLabFTW*

Advantages over other solutions aka summary

- Self hosted
- Centralized
- Web based
- Open source
- Full of features
- Community driven
- Quality code
- Secure
- French
- Translated
- Free
- Supported

Self hosted

- All your data stays with you
- You manage the backups and updates
- You can audit the system
- No external dependencies at runtime
- Remember: “cloud” really means “someone else’s computer”

Centralized

One install to rule them all!

Nothing is lost if laptops get stolen or user leaves the lab.

Designed to be used by several teams.

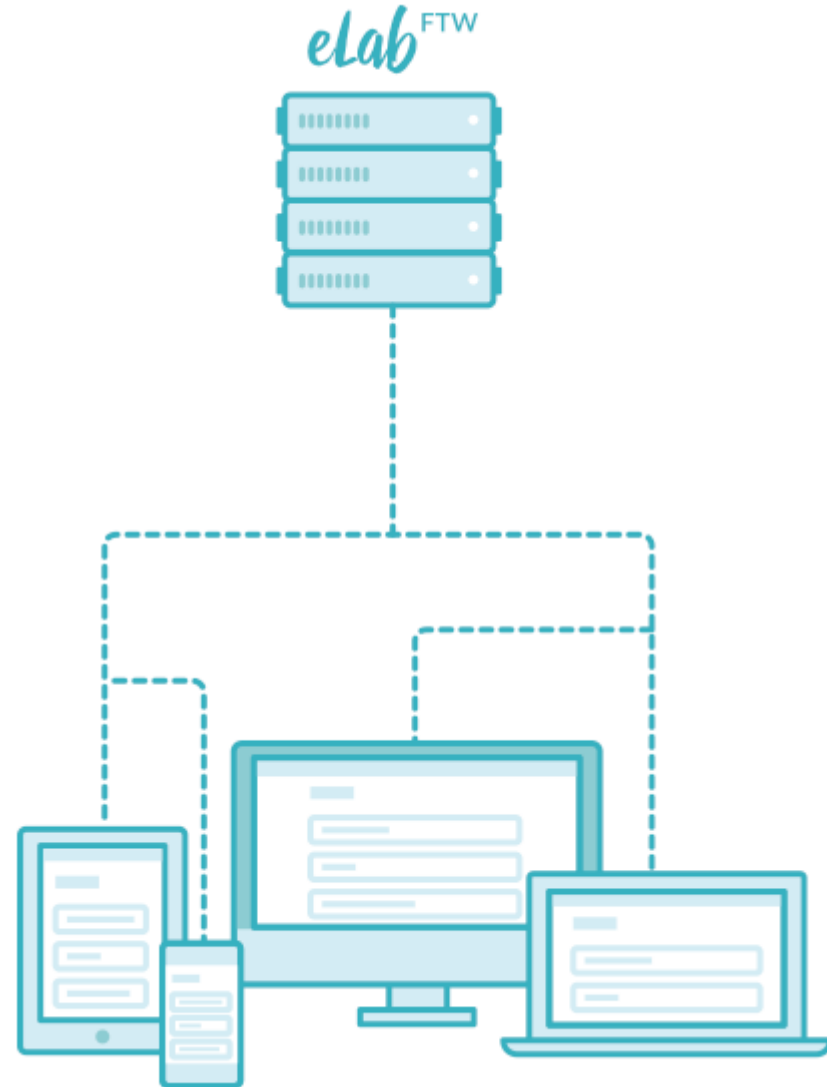


Web based

No client to install

Onboarding of new users is very straightforward

Responsive design: works with desktops, laptops, tablets, phones, watches...



Open source

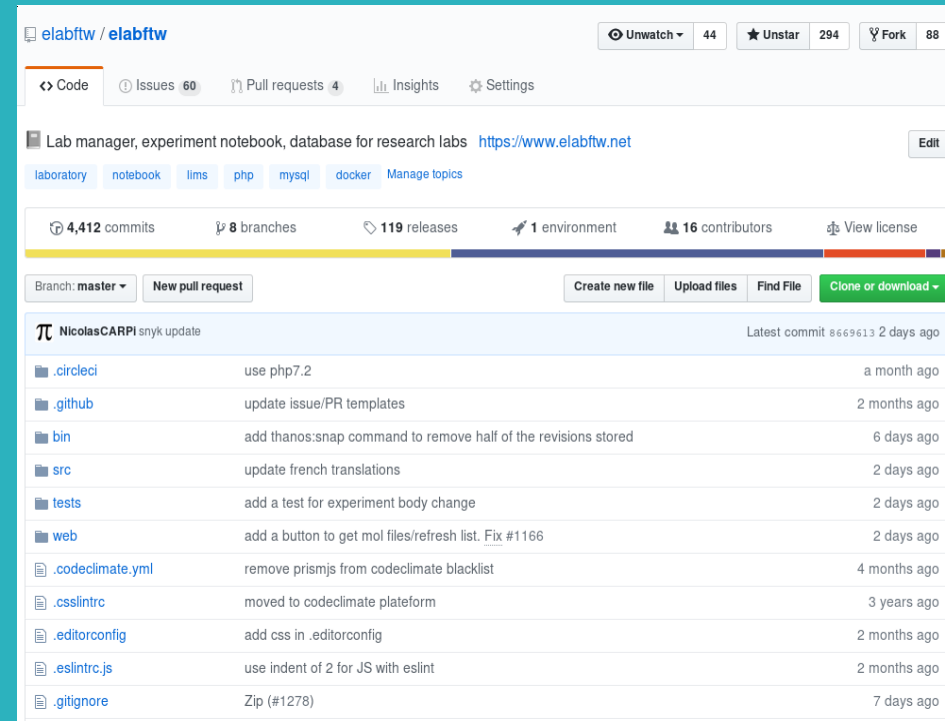
You get access to the source code

Users can contribute to the project
(Issues, Pull Requests, i18n)

Better long term sustainability

A good read:

[The closed source sustainability crisis](#)



Full of features

- Trusted Timestamping (RFC 3161)
- API access
- SAML authentication
- User templates
- Database for products/protocols
- Export in JSON, CSV, ZIP, PDF
- Molecule editor
- Todolist
- Highly customizable
- ...

Features










General

- free (as in speech)
- free (as in beer)
- multi-platform (server or client)
- web based (no install necessary on client)
- multiple teams
- quick search + advanced search
- git deployment
- docker image available

Experiments

- custom status
- visibility setting
- rich wysiwyg editor (or write in Markdown)
- insert images into text
- upload multiple files
- steps list
- duplicate experiments
- export as pdf
- export/import as zip archive
- general default experiment template
- user templates


Community driven


<input type="checkbox"/>	 Disable completely deleting of experiments feature request
	#1281 opened 6 days ago by Phhere
<input type="checkbox"/>	 Sorting and searching of database items enhancement
	#1277 opened 7 days ago by MarcErhardt
<input type="checkbox"/>	 Database/experiments "next page" and redirect enhancement
	#1272 opened 8 days ago by m6121
<input type="checkbox"/>	 Central Announcement System feature request
	#1248 opened 20 days ago by m6121
<input type="checkbox"/>	 QNAP installation documentation
	#1233 opened 27 days ago by athasd
<input type="checkbox"/>	 Minor Bug: Selection menu enhancement
	#1232 opened 27 days ago by Catastroph
<input type="checkbox"/>	 Append attached PDFs to exported PDF feature request
	#1231 opened 27 days ago by JohnGoertz
<input type="checkbox"/>	 Default new users settings and greeting feature request
	#1226 opened 28 days ago by denisov0gleb
<input type="checkbox"/>	 A set of minor feature/enhancement requests feature request
	#1210 opened on Apr 17 by Catastroph

High code quality

- Unit tests on each commit
- Acceptance tests (integration)
- Static analysis (phpstan, psalm)
- Respecting code standards (PSR-1, PSR-2, PSR-4)
- Code properly linted
- Best practices in modern software development followed (source control, webpack, yarn, composer, ...)

 PASSED

 code quality **A**

 maintainability **A**

Scrutinizer 8.56

chat on [gitter](#)

license [AGPL](#)

release [v3.2.0](#)

tech [stack](#)

JOS [10.21105/joss.00146](#)

Secure

- App is containerized (Docker)
- Very tight and secure configuration at all levels (Docker, nginx, TLS, PHP)
- Vulnerability dependency scanning on each commit
- Vulnerability scanning on Docker image on each build
- Signed releases

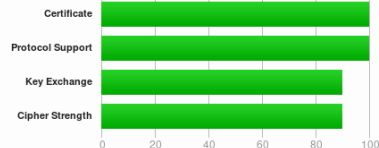
SSL Report: demo.elabftw.net (2001:bc8:31d5:100:0:0:0:1)

Assessed on: Tue, 21 May 2019 22:46:39 UTC | [HIDDEN](#) | [Clear cache](#)

[Scan Another »](#)

Summary

Overall Rating



Scan Summary



Host:	demo.elabftw.net
Scan ID #:	10877555 (unlisted)
Start Time:	May 22, 2019 1:38 AM
Duration:	4 seconds
Score:	110/100
Tests Passed:	11/11

Security Report Summary



Site: <https://demo.elabftw.net/login.php>

IP Address: 2001:bc8:31d5:100::1

Report Time: 21 May 2019 22:43:47 UTC

Headers:

✓ Strict-Transport-Security

✓ X-Frame-Options

✓ X-XSS-Protection

✓ X-Content-Type-Options

✓ Content-Security-Policy

✓ Referrer-Policy

✓ Feature-Policy

Secure

No other ELN web app has A+ because very few take web security seriously (not even A)

<div><div>Scan Summary</div><div><div>F</div><div><div>Host:</div><div>my.labguru.com</div></div><div><div>Scan ID #:</div><div>10882470</div></div><div><div>Start Time:</div><div>May 22, 2019 12:04 PM</div></div><div><div>Duration:</div><div>1 seconds</div></div><div><div>Score:</div><div>20/100</div></div><div><div>Tests Passed:</div><div>6/11</div></div></div></div>	<div><div>Scan Summary</div><div><div>D</div><div><div>Host:</div><div>www.docollab.com</div></div><div><div>Scan ID #:</div><div>10882496</div></div><div><div>Start Time:</div><div>May 22, 2019 12:11 PM</div></div><div><div>Duration:</div><div>2 seconds</div></div><div><div>Score:</div><div>35/100</div></div><div><div>Tests Passed:</div><div>6/11</div></div></div></div>	<div><div>Scan Summary</div><div><div>F</div><div><div>Host:</div><div>www.eclabnote.com</div></div><div><div>Scan ID #:</div><div>10882493</div></div><div><div>Start Time:</div><div>May 22, 2019 12:11 PM</div></div><div><div>Duration:</div><div>2 seconds</div></div><div><div>Score:</div><div>0/100</div></div><div><div>Tests Passed:</div><div>5/11</div></div></div></div>	<div><div>Scan Summary</div><div><div>B</div><div><div>Host:</div><div>my.scinote.net</div></div><div><div>Scan ID #:</div><div>10882483</div></div><div><div>Start Time:</div><div>May 22, 2019 12:08 PM</div></div><div><div>Duration:</div><div>6 seconds</div></div><div><div>Score:</div><div>75/100</div></div><div><div>Tests Passed:</div><div>10/11</div></div></div></div>	<div><div>Scan Summary</div><div><div>C⁻</div><div><div>Host:</div><div>eln.chemotion.net</div></div><div><div>Scan ID #:</div><div>10882556</div></div><div><div>Start Time:</div><div>May 22, 2019 12:19 PM</div></div><div><div>Duration:</div><div>3 seconds</div></div><div><div>Score:</div><div>45/100</div></div><div><div>Tests Passed:</div><div>9/11</div></div></div></div>
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French

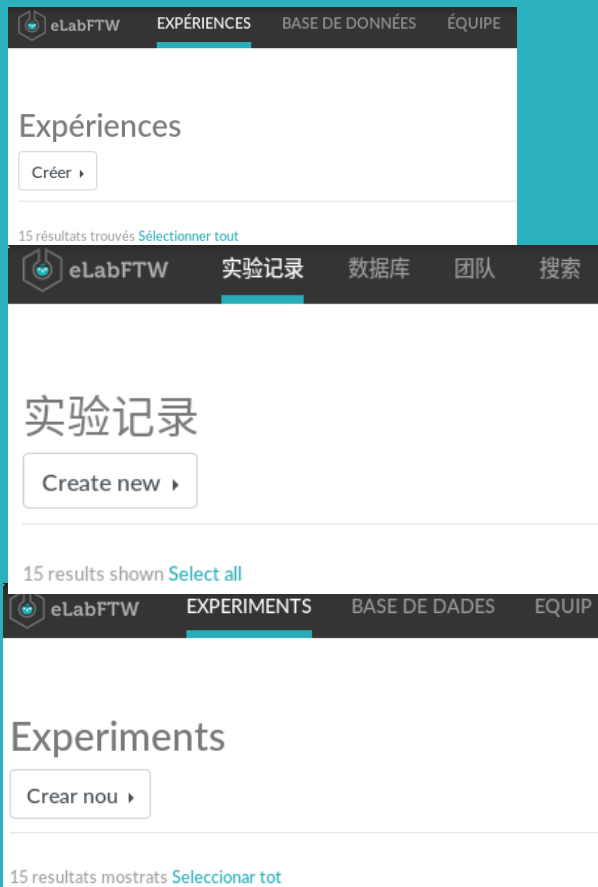
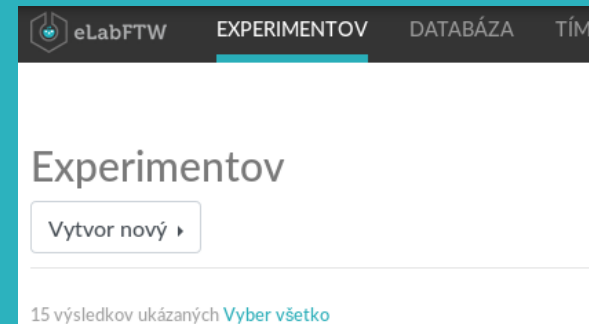
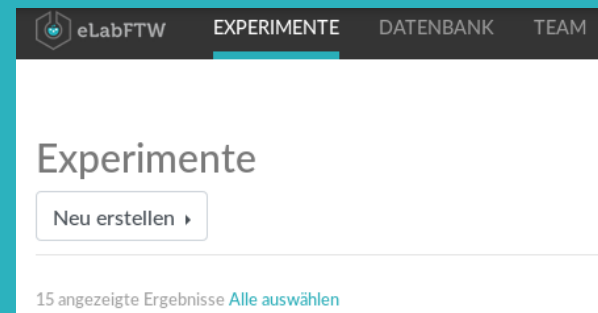
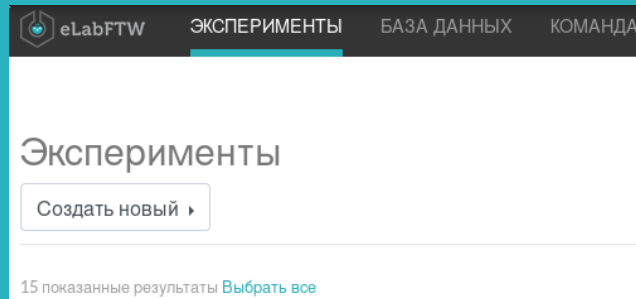
No foreign powers at play

Would you put all your research in the hands of an american company?



Translated in 13 languages

So foreigners can feel right at home



Free

Free as in speech but also free as in beer!

Unlimited users

Unlimited teams

Unlimited storage

Unlimited experiments

For the modest cost of 0€/year.



NOW WITH
50%
LESS SUGAR!*

Supported

Free support through GitHub issues

Paid email support through [Deltablots](#) company

Conclusion

ElabFTW is “objectively” a very good solution for those wanting to transition to electronic laboratory notebooks.

Did I tell you it was free?

Try it now:

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

Official website: <https://www.elabftw.net>

GitHub page: <https://github.com/elabftw/elabftw>

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

contact@deltablot.email