Collabora Online & Nextcloud

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“Stand at the crossroads and look; ask for the ancient paths, ask where the good way is, and walk in it, and you will find rest for your souls...” - Jeremiah 6:16
Collabora Online
Collabora Online

Rich, interoperable editing, everywhere
Development: at pace

the last year
Quick try-out: built-in demo servers ...

Please make sure you understand that the following will happen if you set up the Collabora Online demo.

- The service will send users documents to Collabora and/or third party demo servers.
- This service is not intended for production use, hence the documents will show tile watermarks.
- The demo service may be under heavy load, and its performance is not representative in any way of the performance of an on-premise installation.
- These servers are used for testing and development, and may run test versions of the software. As such they may crash, burn, and re-start without warning.
- The users documents will not be retained by a third party after their session completes except in exceptional circumstances. By using the service, the user gives permission for Collabora engineers to exceptionally use such document data, solely for the purpose of providing, optimizing and improving Collabora Online. Such document data will remain confidential to Collabora and/or any third party providing a demo server.

At the first use and after an update, each user will get the warning, explaining all the above.

I agree, and use the demo server
I will setup my own server
Built-in demo servers: iff safe & route-able ...

Use a demo server

You can use a demo server provided by Collabora and other service providers for giving Collabora Online a try.

*Your NextCloud setup is not capable of connecting to the demo servers because:*

- it is a local setup (localhost)
- it uses an insecure protocol (http)

*For use cases like this, we offer instructions for a [Quick tryout with Nextcloud docker](collaboraonline.com).*
Better: Nextcloud Hub / AppImage install ...

A lovely, simple one-click install ...

- A small / fast PHP forwarding proxy & an AppImage
- Please upgrade to a faster, native server quickly ...

Use your own server
Collabora Online requires a separate server acting as a WOPI-like Client to provide editing capabilities.

Use the built-in CODE - Collabora Online Development Edition
Easy to install, for personal use or for small teams. A bit slower than a standalone server and...
Polling websocket-alikes over keep-alive’d https://
Collabora Productivity
completely re-written mobile UX: one-handed use
test record v/s best scores - for all attributes
process flow for each
compare Methods
Testing methodology
data
Testing
tion Testing
ensus on Address and
uirements
Off-line editing with Nextcloud & Collabora too.
500k installs
Available for iOS, Android & Chrome OS

collaboraonline.com
Chromebooks:
Collabora Office 4.2.5: the enterprise-ready LibreOffice-based Mobile Office Suite that allows you to stay in control of your own documents. Full control of all your office files.

LibreOffice is the world's most popular Open Source Office suite with over 100 million users. Collabora, a leading contributor to the project, and developer of the enterprise-ready, Long Term Supported edition of LibreOffice, Collabora Office, has now brought LibreOffice to the Cloud with Collabora Online already back in 2016 - and is still doing most of the work. E.g. 97% of commits if from Collabora.

With Collabora Online you now have access to a powerful, enterprise-ready and 100% Open Source Online Office Suite functionality, with excellent support for all popular office file formats and collaborative editing features.
Collabora Office 4.2.5

Collabora Office 4.2.5: the enterprise-ready LibreOffice-based Mobile Office Suite that allows you to stay in control of your own documents, full control of all your office files.

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Collabora Online comes with Long Term Support and can be integrated in any web-based solution, such as File Share and Sync solutions, Document Management Systems, Groupware or custom build software.

All Long Term Support releases are supported for 3 years, with a perpetual license, annual subscription to security maintenance and updates, an SLA and Level 3 (code fix) support (all levels are centred in order to assist). And there are more benefits...
Coming now: CODE 6.4.0

Collabora Online Development Edition 6.4
Get your own online Office Suite up and running at home with CODE!

The development edition is aimed at home users and contains many of the latest and greatest developments. We want as many people as possible to try it out and get back control of their own online documents. We'd also love to get people involved in our efforts to make Online even better. So download Collabora Online Development Edition, enjoy using it at home.

CODE v6.4 - A leap in usability & Numbering

CODE v4.2.7  ~  CODE v6.4
A version leap: cf. openSUSE

CODE v4.2.7 -- > CODE v6.4
Eclectic Notebook bar UX choices: to taste

Can collapse to just a menu ...
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Freeze Rows / NotebookBar / SmartArt
Online commits
By affiliation (last year)

Collabora
3218
97%

Others
5

CB
15

Volunteers
18

Others
5

CB
15

1 & 1
21

Volunteers
28

PDF Search, Collaboration & Annotation
Import SmartArt Graphics in Collabora Online 6.4

- a
- b
- c
- X
- y
- z
- empty
The pieces you can’t see

Integration improvements

• Masses of new extensible API to embed Online into your application
• WOPI-like Locking implementation

Performance

• Loading time, dialog rendering time
• PDF search
• Unipoll – code simplification.

Security & Anonymization

• Anonymized logging
• 3rd party penetration testing

And much much more ...
UX integration: the next steps
Getting style guide: a how-to ...
Welcome to the Collabora Online Demo

Thank you for your interest in the Collabora Online demo. Collabora Online is an open source on-premise office suite solution based on LibreOffice Online. It enables you to collaboratively edit, save and write text files, spreadsheets and presentations online. Collabora Online works on any modern browser and offers excellent interoperability for all popular office formats.

There are two versions of Collabora Online. The scale-able and supported enterprise-ready Collabora Online and CODE — the Collabora Online Developers Edition. While Collabora Online is aimed at professional business users, CODE is perfect for home users that want to start to run their online office suite in an own private environment or tech-enthusiast, that want to be among the first to see and test new features. Learn more about the differences here.

One more thing before you start! This demo runs on our servers and grants you access to the latest snapshot from their development branches. Collabora Online is built using LibreOffice, and because LibreOffice updates often, the demo may not be completely up-to-date. That being said, we try hard to keep the demo as close as possible to the latest version of LibreOffice. The older the LibreOffice version, the more commands you may not recognize! The main purpose of the demo is to give you an impression of what Collabora Online looks like and how it works.
Integration / theming / palette & settings ...

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Ruler off by default
Sidebar was here ...
Lighter document background
Working with Nextcloud:
A seamless Nextcloud partnership

Nextcloud - an awesome partner

- Working cross-team, daily, thanks to: Julius, Marino, Olivier, Roeland, Tobias, Jan, Jos, Frank and more.
- Delivering for our joint customers

Product support & Professional Services.

- A single support partner with experts in Collabora Online
- No blame-game nightmares.

We provide Service Level Agreement & place to file tickets

- Buy through Nextcloud – a single provider.
(some of) the awesome team serving you.
Privacy & Security
Digital Sovereignty
or :don’t let your document data out of your site [sic]

Document data is held in your server room.

It stays there.

Posts pixels to the authenticated.
Microsoft’s Digital Rights Management

How can we show people a document, and control their access:

- eg. disable copy/paste, print, save-as, control views etc.

**Step 1:** encrypt the document

**Step 2:** send the key to Azure

**Step 3:** mail it

**Step 4:** check system and app is fully signed, and policy is ok & Decrypt document.

Windows OS
- Bootloader
- BIOS

MS sign / revoke from bottom up
How not to do it: (but oddly popular)

Send the whole document data to everyone with ‘view’ access

Simple, hand-written ‘browser’?

Render whole document data using HTML5 in Javascript, press F12 to debug policy enforcement

Apply watermark on top.
Real Secure View: send only watermarked *pixels* ...

Secure view settings

Secure view enables you to secure documents by embedding a watermark

- [ ] Enable watermarking

Watermark text

Supported placeholders: {userId}, {date}

- [ ] Show watermark on tagged files
- [ ] Show watermark for users of groups
- [ ] Show watermark for all shares
- [ ] Show watermark for read only shares

Link shares

- [ ] Show watermark for all link shares

Simple, Elegant, Federated
No central points of failure: corporate or technical
Collabora and LibreOffice
An awesome community of friends.

(who still disagree sometimes)
Online commits
By affiliation (last year)

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Collabora
Others: 5
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Over 50m pulls from
CODE Collabora Online Development Edition
docker image
Moving our development to github

Clear brand story
- Helps to drive investment and avoid user / customer confusion
- Unwinds long running source of conflict at TDF

Removing reminder for users
- CODE no longer needs a warning on limits.

Access to more developers

Continue to support, work on LibreOffice

Similar to Nextcloud
- A clear flow of users through their project
- An obvious place for support
- Clear credit given in the product name
- No complex structures necessary.

FLOSS companies own cash + their brands
- ROI is important → in marketing.
Make Open Source ROCK
Thank you!

By Michael Meeks
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CollaboraOffice.com
CollaboraOffice.com/CODE
michael.meeks@collabora.com

Oh, that my words were recorded, that they were written on a scroll, that they were inscribed with an iron tool on lead, or engraved in rock for ever! I know that my Redeemer lives, and that in the end he will stand upon the earth. And though this body has been destroyed yet in my flesh I will see God, I myself will see him, with my own eyes - I and not another. How my heart yearns within me. - Job 19: 23-27