Collabora Online
over lock-down

How LibreOffice technology in the browser improved

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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
Lockdown changes
Changes during lock-down

October 2020

- Significant changes, COOL.
- Unwound catch-22 of encouraging people to pay.

Now public unlimited Online binaries

Now public SDK, docker img build instructions etc.
  - https://sdk.collaboraonline.com/

Inspired LibreOffice Technology umbrella brand:
  - “LibreOffice Technology, a FOSS platform for personal productivity”
Crediting LibreOffice Technology

- Help → About
- CSP work for TDF ...

Nextcloud Office

COOLWSD version:
22.05.6.3 (git hash: abd9205)

LOKit version:
Collabora Office 22.05.6.3 (git hash: 4fad249)
Served by: Ubuntu 18.04.6 LTS 42645f11

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Collabora

COOLWSD version:
22.05.0.1 (git hash: b1f3c4b1)

LOKit version:
built on a great technology
Collabora Office 22.05.4.1 (git)
Served by: openSUSE Leap
JSDialogs: View widgets

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Community Credits:

Collabora Online & LibreOffice Technology

Collabora Online is built on the amazing LibreOffice Technology stack, and many of our community are active contributors to LibreOffice—having created the LibreOfficeKit APIs to enable people to easily re-use the core document editing and rendering technology. Please do read more about LibreOffice Technology.

LibreOffice Technology

you can also get a list of credits and contributors to LibreOffice here:

LibreOffice Developers

The people behind the scenes

LibreOffice is created by a very large group of amazing contributors:

Localization: Contributors

Many thanks to all those who have worked on translating Collabora Online, you rock!

See all the contributors

Many thanks to all those who have worked on translating LibreOffice!

See all the contributors
More branded welcoming planned

Volunteer hackers to accelerate it appreciated.
LibreOffice Technology bits
A few examples of Improving the awesome LibreOffice Technology
Jumbo Spreadsheets

We now support up to 16384 columns in spreadsheets

Possibly the most annoying error dialog in the world now gone:

Warning loading document foo.xlsx:
The data could not be loaded completely because the maximum number of columns per sheet was exceeded.
Content Controls in Writer: Forms ...

- Rich Text
- Checkbox
- Dropdown
- Picture
- Date

This feature was made possible by funding from NGI and the European Union's Horizon 2020 research and innovation programme under grant agreement No 871498.
PDF form creation ...

- Class beating PDF form export:
- Improved form / a11y support

Merged for LibreOffice 7.5
Impress color theme

- A key interoperability win
Chart – data tables ...

This feature was made possible by funding from NGI and the European Union's Horizon 2020 research and innovation programme under grant agreement No 871498.
Collabora Online: the enterprise-ready LibreOffice-based Online Office Suite that allows you to stay in full control of your office files.

LibreOffice is the world's most popular Open Source Office Suite with over 120 million users. Collabora, a leading contributor to the project, and developer of the enterprise-ready, Term Supported edition of LibreOffice, Collabora Office, has now brought LibreOffice to the Cloud with Collabora Online. Apple are great.

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.

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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...

Mit Collabora Online haben Sie jetzt Zugang zu einem leistungsstarken, unternehmenstauglichen und 100% Open Source Online Office Suite mit hervorragender Unterstützung für alle gängigen Office-Dateiformate und kollaborative Bearbeitungsfunktionen.
PDF form creation ...

Class beating PDF form creation

Improved form / a11y support
Collabora Online example wins
Thanks to Adfinis for accelerating this work!

Daniel Naber’s company:

• Focused on B2C & the web browser:
  • LanguageTooler GmbH
    • Potsdam.
  • Taking on Grammarly
  • More info here
DUDEN corrector integration

Extending existing LanguageTooler work

- LanguageTool → the best open source solution.
- Will require a DUDEN Web Service
  - on-premise.
  - https://www.duden.de/api etc.
- Initially just basic checking.
Precisely anchor & reflow your boat (and other) images
New HTML Formula Input Bar
Accessibility Check

Accessibility Check Helps to create documents according to the PDF/UA Standard
Richer dialog functionality left & right

- eg. SparkLine properties

- or File Properties
Faster (zstd) tile compression + δ’s

Thanks to Facebook for a better zlib. ~5x lower CPU load for tile compression.
Password options.
Online / embedded Video playback

Built on browser codec support:
Come hack with us !
The cool kids use LibreOffice technology

LibreOffice Hack-fest

- This Monday & Tuesday:
- Community Dinner tonight!

COOL Days 2023 + LibreOffice technology Hack-fest:

- March 28th & 29th
- Claire College
- Cambridge / UK.

https://www.collaboraoffice.com/cool-days-2023/

https://wiki.documentfoundation.org/Events/2023/FOSDEM
Make Open Source ROCK
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