Collabora Online for your Documents

By Michael Meeks
General Manager, Collabora Productivity
@mmeeks @CollaboraOffice

“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

Built with awesome LibreOffice Technology

Rich, secure, interoperable collaborative documents, on-premise, cf. last year
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

Use a demo server

Select a demo server

Friprogramvarus Syndikatet — Sweden
Collabora Productivity Ltd. — Ireland
Collabora Productivity Ltd. — North California, USA
Collabora Productivity Ltd. — Tokyo, Japan
Collabora Productivity Ltd. — São Paulo, Brazil

Easy to test your new integration against...
How does that work:

Get some JSON:

https://www.collaboraoffice.com/demo-servers.json

We filter that by URL for services you provide
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.
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 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 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 Notebookbar UX choices: to taste

Can collapse to just a menu ...
Collabora Online 6.4: the enterprise-ready LibreOffice-based Online Office Suite that allows you to stay in control of your own documents, full control of your office files.

LibreOffice is the world’s most popular Open Source Office suite with over 200 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.

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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**Freeze Rows / NotebookBar / SmartArt**
Online commits
By affiliation (last year)

Collabora

3218
97%

5 Others
15 CB
21 1&1
28 Volunteers

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

- a
- b
- c
- X
- y
- z
- empty
Online 6.4.x ...

rapid fire

incremental goodness
Improved chart editing sidebar functionality
Calc: Improved sheet movement:
Calc: customize & create Pivot Tables
Calc: define & manage range names & print ranges

DEFINE NAME

NAME: _Countries_Orchard

RANGE OR FORMULA EXPRESSION:

$'Sorted Data'.SB$3:SF$27

SCOPE:

Document (Global)

Range Options

Add Delete

Help

MANAGE NAMES

<table>
<thead>
<tr>
<th>Name</th>
<th>Range or formula expression</th>
<th>Scope</th>
</tr>
</thead>
<tbody>
<tr>
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<td>$'Sorted Data'.$E$4:$E$19</td>
<td>Document (Global)</td>
</tr>
<tr>
<td>Orchards</td>
<td>$'Sorted Data'.$B$39</td>
<td>Document (Global)</td>
</tr>
<tr>
<td>Peaches</td>
<td>$'Sorted Data'.$F$4:$F$22</td>
<td>Document (Global)</td>
</tr>
</tbody>
</table>
Calc: Statistical tools for data analysis

Sampling
Descriptive Statistics
Analysis of Variance (ANOVA)
Correlation
Covariance
Exponential Smoothing
Moving Average
Regression
Paired t-test
F-test
Z-test
The pieces you can’t see

Performance

- 20%+ faster rendering time
- Faster interactive editing of cells
- Bind-mounting of document jails (instead of hard-linking)
- Improved watermark caching
- Slide content pre-fetching
- On-demand slide thumbnail fetching.
- Significant PDF rendering improvements
- Significant thumbnail / download speedups

Misc

- iOS multi-document support
- Substantial cypress automated test coverage.
- Cluster debugging / warnings ... check matching ServerIds

And much much more ...

- 3600+ commits.
- Innumerable bug-fixes & improvements
Mobile 6.4.x ...

*bringing goodness to your phone*
## 4 week project timeline

**11/11/20**

<table>
<thead>
<tr>
<th>Week 1</th>
<th>Week 2</th>
<th>Week 3</th>
<th>Week 4</th>
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<td>Mon</td>
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<td>Fri</td>
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<tr>
<td>25</td>
<td>28</td>
<td>30</td>
<td>3</td>
</tr>
</tbody>
</table>

### Task Breakdown

- **Kai:**
  - Research Rainforest
  - Draft Presentation
  - Finalize Presentation

- **Luka:**
  - Collect Supplies for Presentation
  - Complete Sketches
  - Draft Presentation

- **Jenny:**
  - Complete Sketches
  - Draft Presentation

- **Ali:**
  - Collect Supplies for Presentation
  - Complete Sketches

- **Luka:**
  - Collect Supplies for Presentation
  - Complete Sketches

### Timeline Graph

- Chart showing project progress with bars for each week and tasks.

- Y-axis: 0.00% - 100.00%
- X-axis: Time (Weeks)

**Note:**

- The chart and table are used to visualize the project timeline and task assignments for the project.
Android: start of a Dark Mode for the Online shell.
500k installs
Available for iOS, Android & Chrome OS
ChromeBooks:
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 (other levels are covered by custom arrangements). And there are more benefits.

COLUMNS

Settings
Columns: 1
Apply to: Page Style Default Style

Width and Spacing
Column: 1 2 3
Width: 
Spacing: 
AutoWidth

Separator Line
style: None
weight: 100%
for: Black

dth: 0.25 pt
position: Top
UX integration:
Letting you dress your integration to match
(cf. blog)
Getting style guide: a how-to ...
ui_defaults: posted with the iframe:

<input name="ui_defaults" value="TextRuler=false;StatusBar=false" type="hidden"/>

‘;’ delimited options in a post field.

uiMode=classic/notebookbar – select menu/toolbars

StatusBar=false              - hide status bar

TextStatusBar=false          - hide status bar only for Text

Sidebar=false               - hide sidebar by default

Ruler=false                 - hide ruler by default … etc.
css_variables: posted with the iframe:

<input name="css_variables" value="co-color-main-text=#000;--co-body-bg=#FFF;--co-txt-accent=#38257a;" type="hidden"/>

‘;’ delimited options in a post field, default (for now) are:

--co-primary-element: #4c566a
--co-primary-element-light: #706aab
--co-txt-accent: #38257a
--co-primary-text: #ffffff
--co-border-radius: 3px
--co-body-bg: #ffffff
--co-color-main-text: #000000
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](https://collaboraonline.dev/).

One more thing before you start! This demo runs on our servers and grants you access to the latest snapshot from our development team. It could happen that a feature does not work. Please let us know if you find any bugs!
After: theming / palette & settings ...

Ruler off by default

Sidebar was here ...

Lighter document background

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Next ...

more rapid fire
incremental goodness
Roadmap – for partners & customers

All our code development done in public

- https://collabraonline.github.io/
- https://github.com/CollabraOnline/online
- https://forum.collabraonline.com/
  - Minutes of our (public) weekly calls – get involved ...

Some bits in-progress:

- Canvas based front-end re-work: slicker & crisper
- JS dialog / sidebar rendering ... → client-side chrome
- Async auto-saving
For twelve year old Alice, who has struggled in math, there are many perspectives from the lens of Developmental Psychology. Alice initially struggled in math despite her continued...
Collabora and LibreOffice
An awesome community of friends.

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

Collabora 3218
5 Others
15 CIB
21 1&1
28 Volunteers

97%

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/ownCloud/pydio/seafile/etc.

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

FLOSS company assets: cash + their brands

- ROI is important → in marketing.
Thank you!

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

Open Source, Open First

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