

Collabora Online

Better, Digitally Sovereign
Document Collaboration

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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

A real alternative office suite

- Smoothly transition to something better
- Collaborate on documents in the browser

Excellent interoperability with Microsoft formats

Easy, on-premise deployment & scaling

Document + Spreadsheet + Slides + Drawing

On-premise integration

Regain control of your data

Over 80m

pulls from

CODE Collabora Online

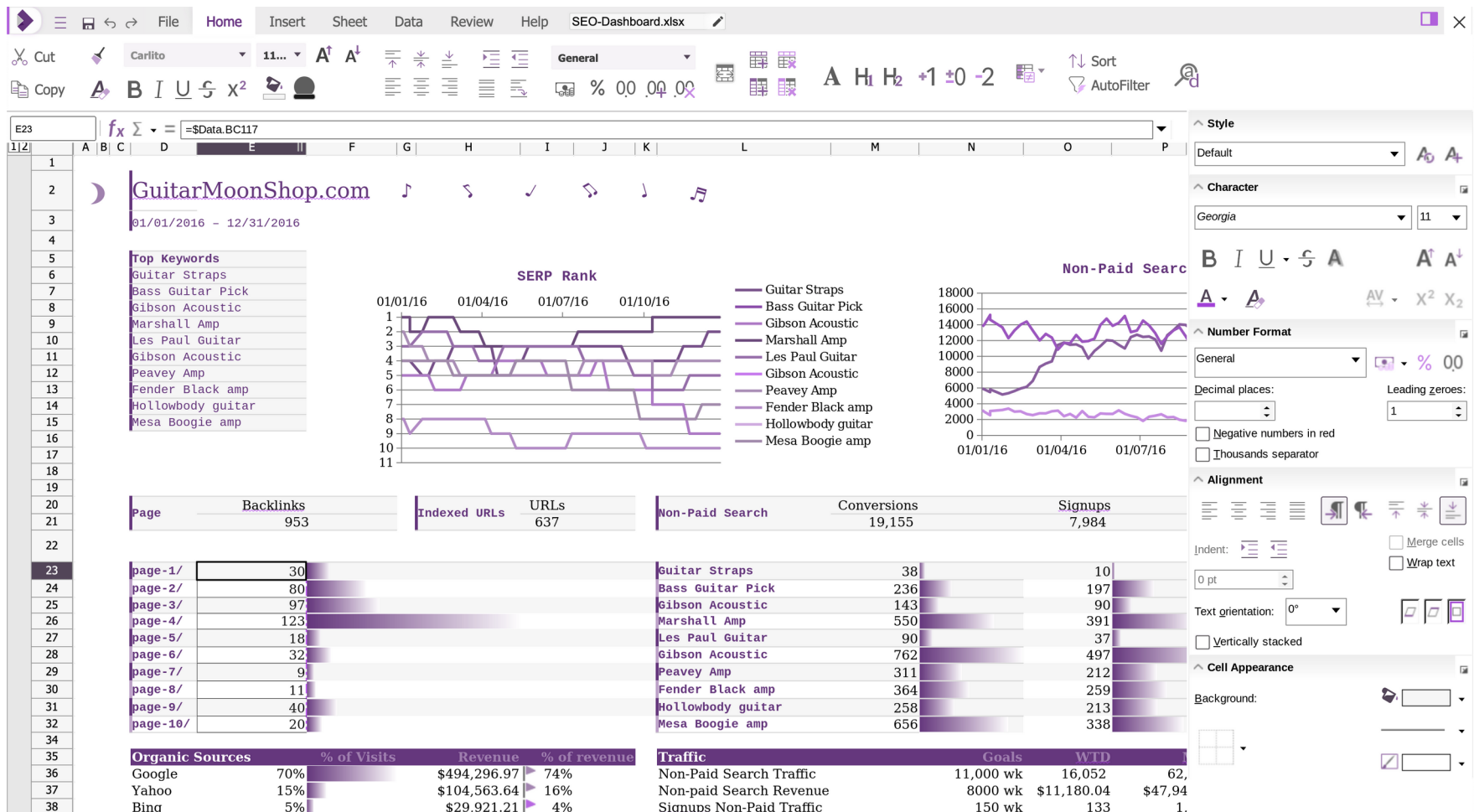
Development Edition

docker image



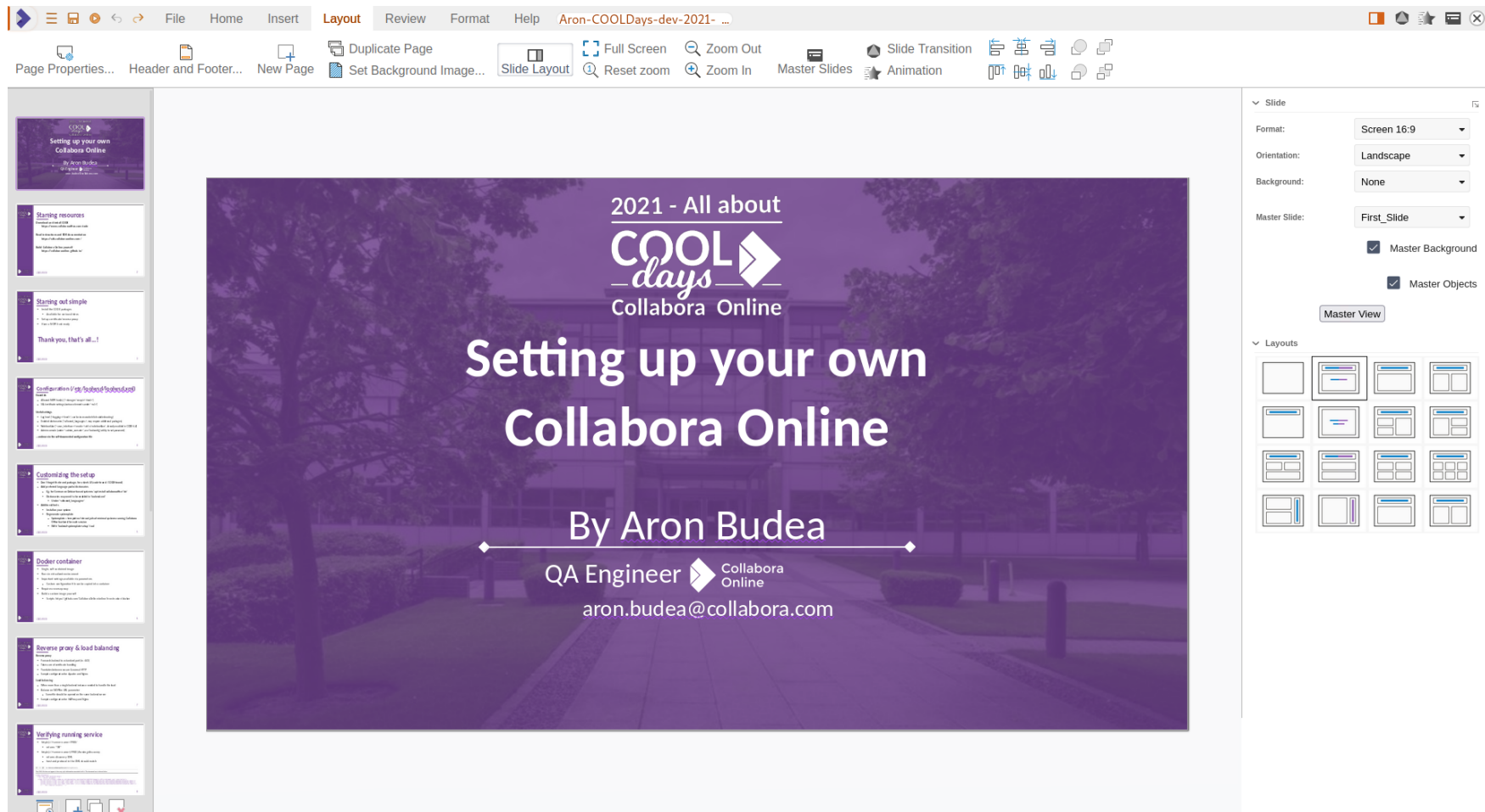


Collaborative Spreadsheets





Collaborative Presentations



The screenshot displays the Collabora Online presentation software interface. The top menu bar includes options like File, Home, Insert, Layout, Review, Format, and Help. The main slide area shows a presentation titled "2021 - All about COOL days Collabora Online" with the subtitle "Setting up your own Collabora Online" by Aron Budea, a QA Engineer. The slide content includes a list of topics: Starting resources, Starting out simple, Collaboration / site / network / hardware, Customizing the setup, Docker container, Reverse proxy & load balancing, and Verifying running service. The right sidebar shows slide navigation and layout options.

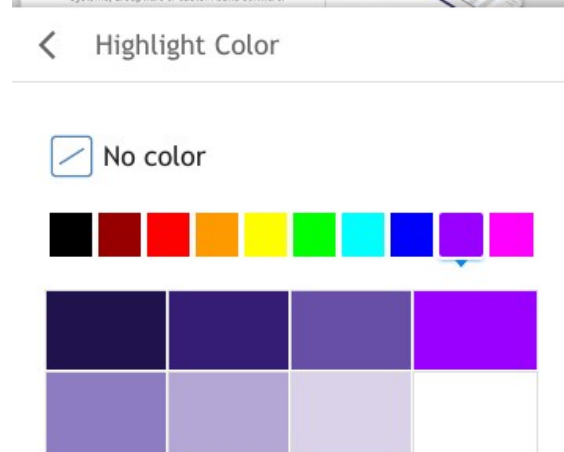
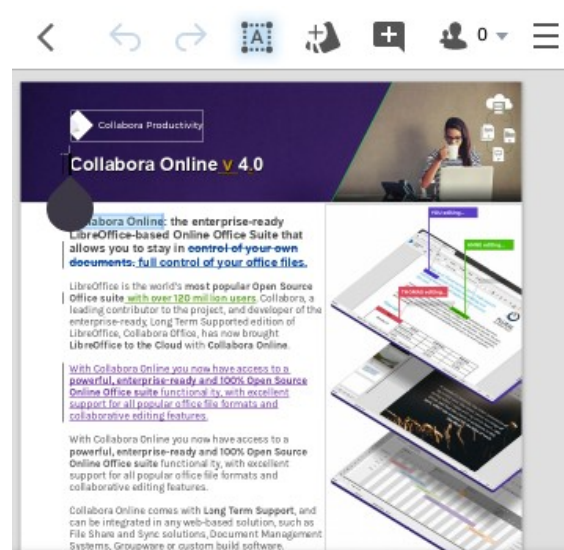
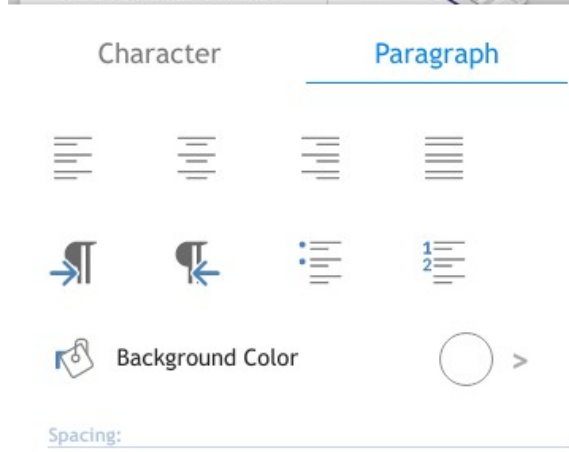
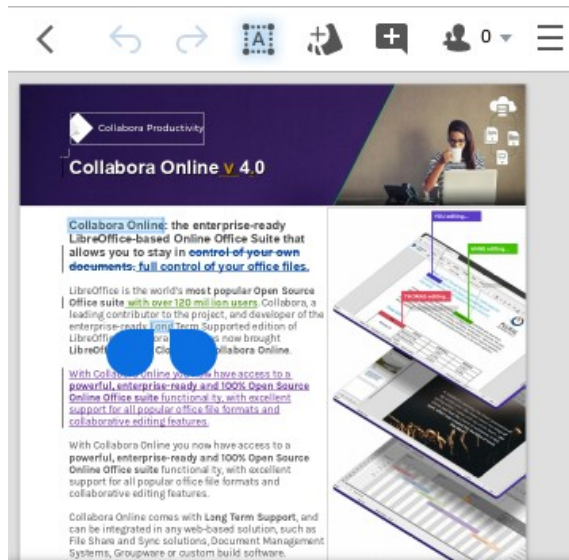
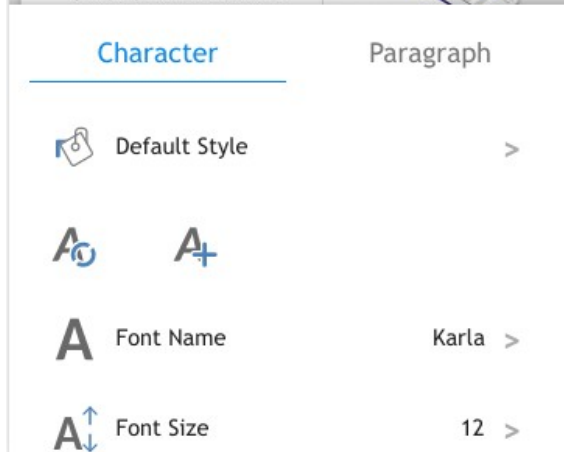
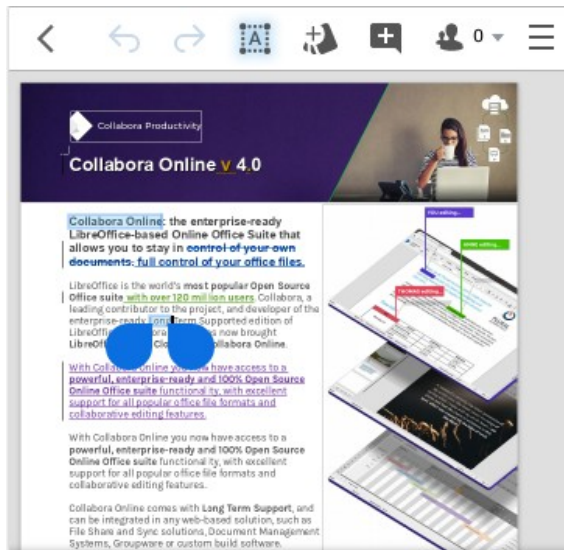
2021 - All about
COOL
days
Collabora Online

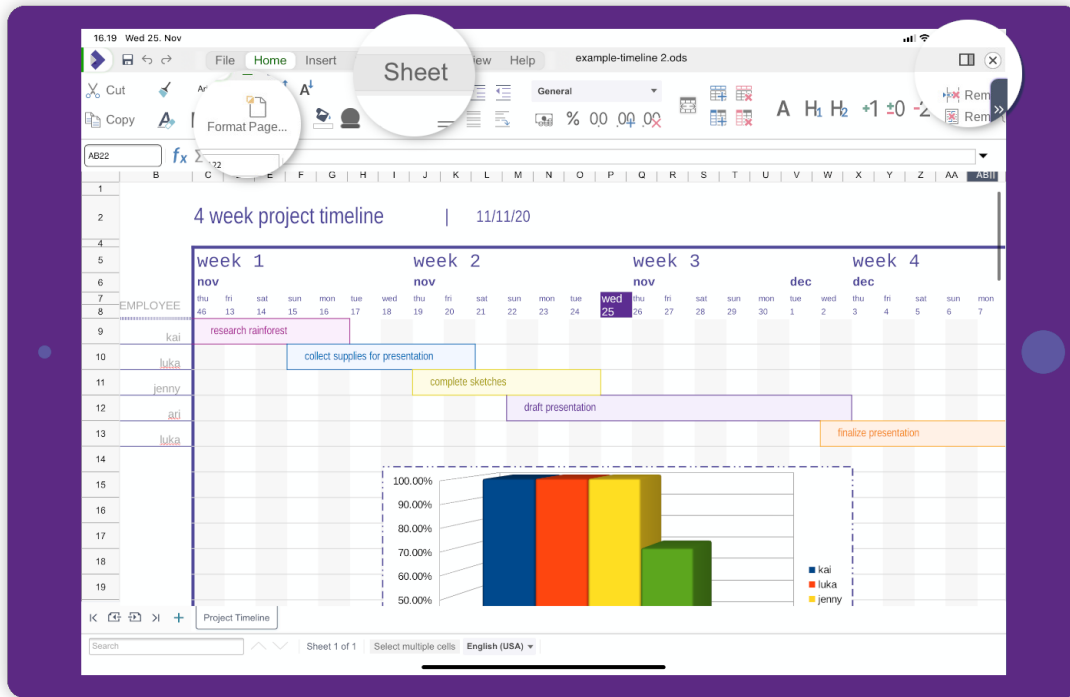
Setting up your own Collabora Online

By Aron Budea
QA Engineer | Collabora Online
aron.budea@collabora.com

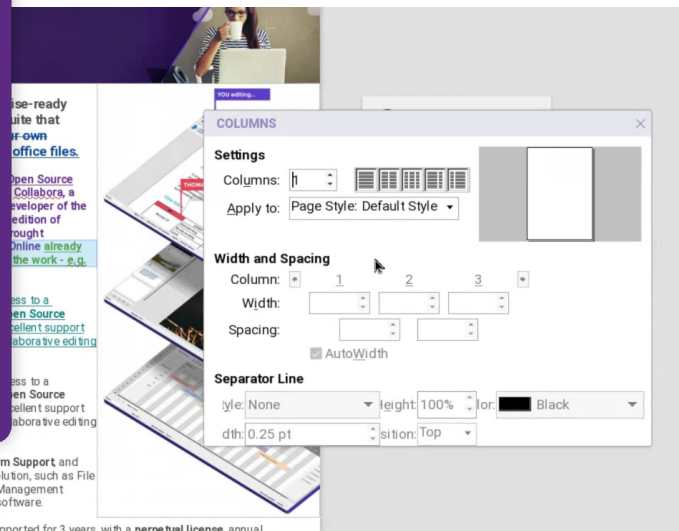
Slide navigation and layout options are visible on the right.

Responsive mobile UI





Rich UI desktop UI / features:

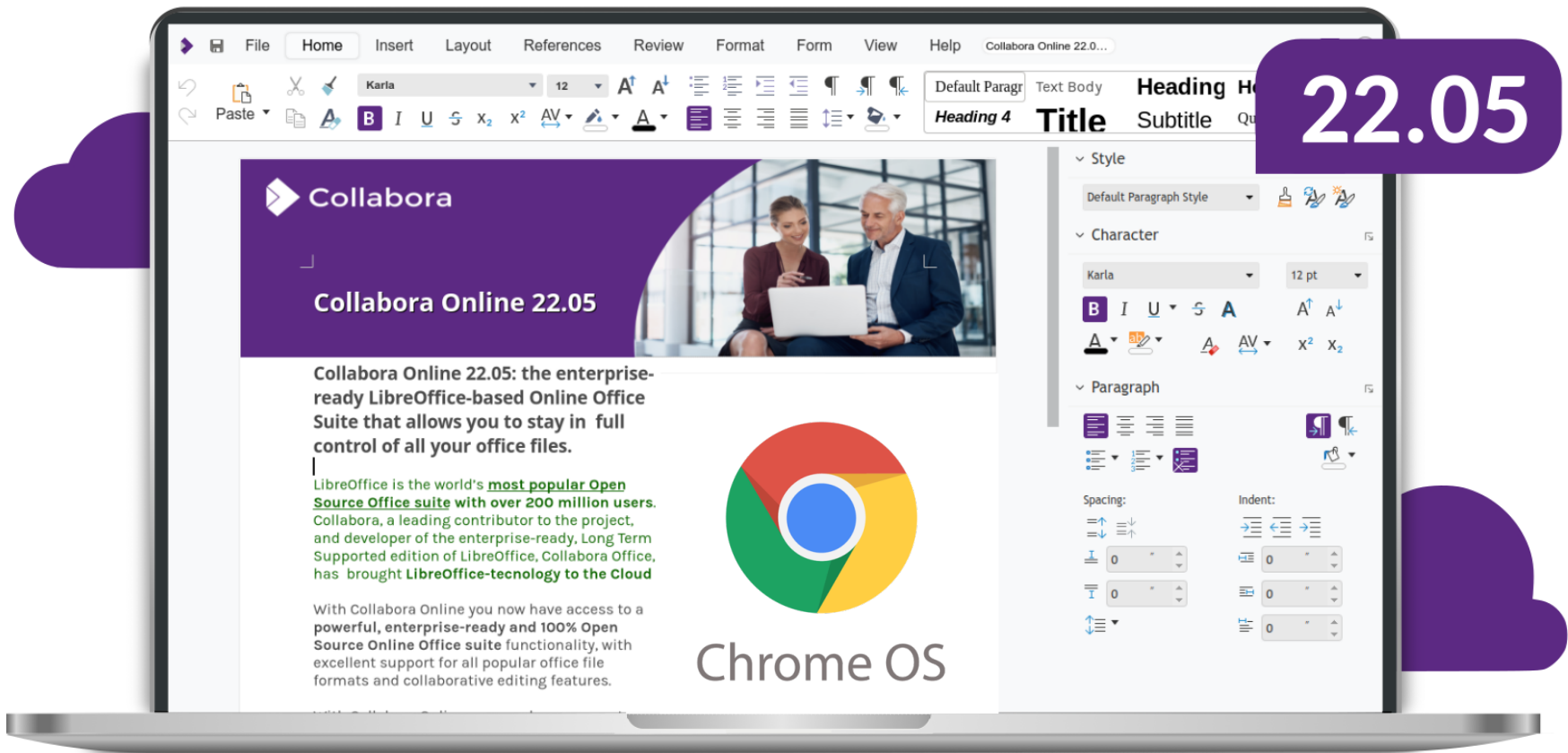


1 Long Term Support and
>-based solution, such as File
document Management
om build software.

ses are supported for 3 years with a **perpetual license** annual

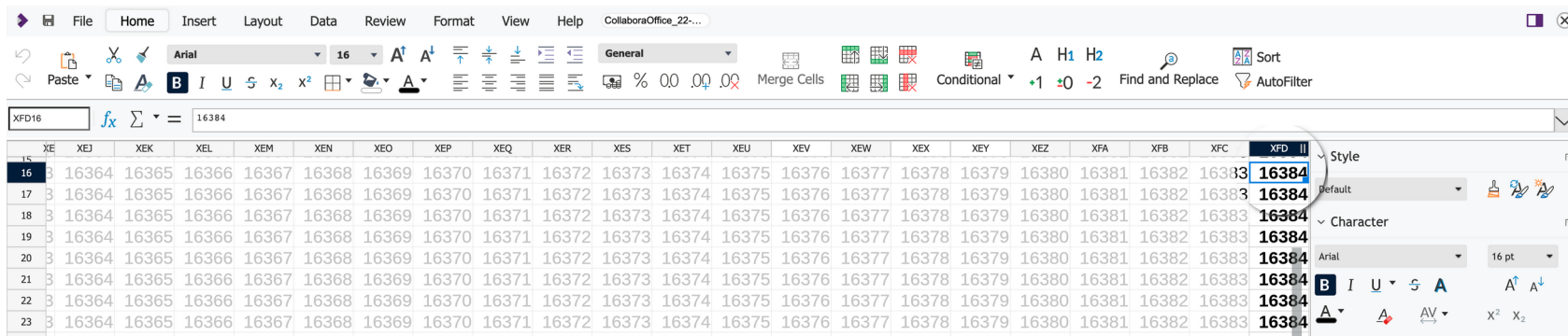
Rich ChromeBook support

22.05

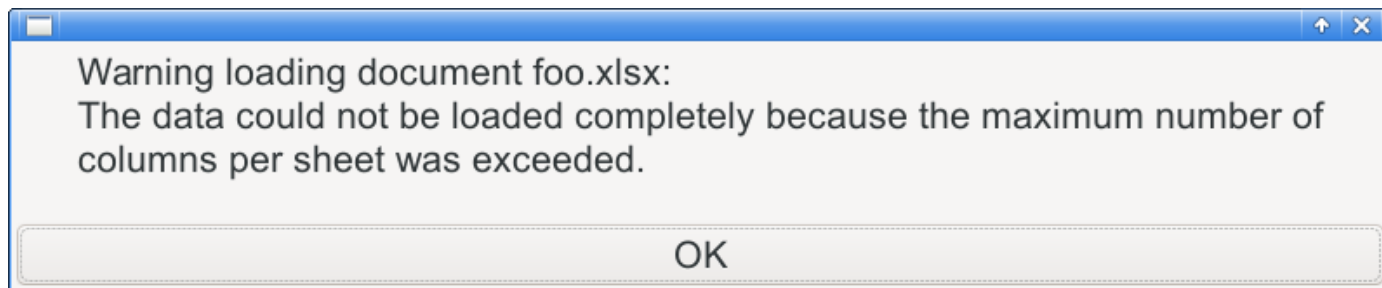


Various shipping features in 22.05
from the last year ...

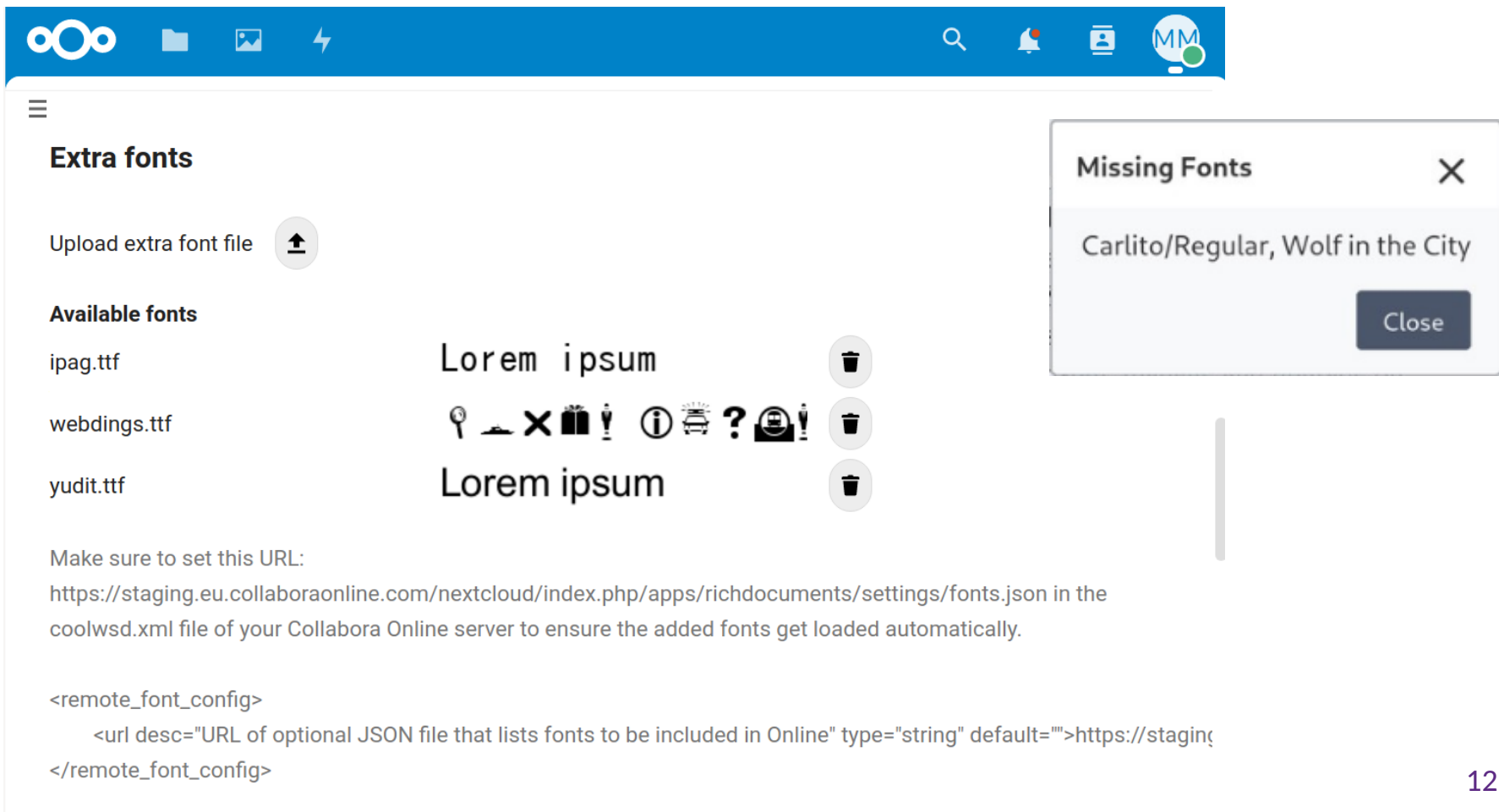
We now support up to 16384 columns in spreadsheets



Possibly the most annoying dialog in the world now gone:




Polled font management API / UI ...







The screenshot displays a web interface for managing fonts. At the top, a blue navigation bar contains icons for home, folders, images, a lightning bolt, search, notifications, a user profile, and a 'MM' status indicator. The main content area is titled 'Extra fonts' and includes an 'Upload extra font file' button with an upload icon. Below this, a section titled 'Available fonts' lists three fonts: 'ipag.ttf', 'webdings.ttf', and 'yudit.ttf'. Each font entry shows a preview of the text 'Lorem ipsum' and a set of icons for font manipulation (undo, redo, delete, duplicate, info, settings, help, and a trash icon). A 'Missing Fonts' dialog box is open on the right, listing 'Carlito/Regular, Wolf in the City' and a 'Close' button. At the bottom, instructions are provided on how to configure the system by setting a URL in the 'coolwsd.xml' file, followed by an XML snippet for the configuration.

Extra fonts

Upload extra font file 

Available fonts

Font File	Preview	Actions
ipag.ttf	Lorem ipsum	
webdings.ttf		
yudit.ttf	Lorem ipsum	

Make sure to set this URL:
<https://staging.eu.collaboraonline.com/nextcloud/index.php/apps/richdocuments/settings/fonts.json> in the coolwsd.xml file of your Collabora Online server to ensure the added fonts get loaded automatically.

```
<remote_font_config>
  <url desc="URL of optional JSON file that lists fonts to be included in Online" type="string" default="">https://staging
</remote_font_config>
```

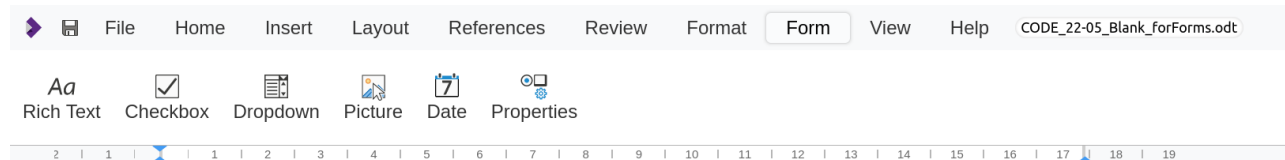
Missing Fonts ×

Carlito/Regular, Wolf in the City

Close

Content Controls in Writer: Forms ...

- Rich Text
- Checkbox
- Dropdown
- Picture
- Date



List of Content Control Features in Collabora Online

- ☒ Content Controls in Collabora Online Writer
- ☐ Rich Text
- ☒ Checkbox

CONTENT CONTROL PROPE... X

☐ Content is placeholder text

Help

Cancel

OK

Date Format:

12/31/99

12/31/1999

Dec 31, 99

Dec 31, 1999

31. Dec. 1999

December 31, 1999

Choose a date

<

July 2022

>

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

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

screenshot.pdf - Adobe Acrobat Reader DC (64-bit)

File Edit View Sign Window Help

Home

Tools

screenshot.pdf x



Your name:

☐

I like filling forms

Favorite color:

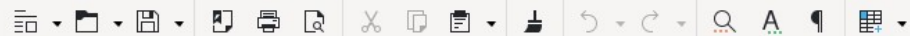
Date:

September 2022						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Today: 9/22/2022

screenshot.docx - Collabora OfficeDev Writer 22.05 [fe5609e107bfa9b661692c96dcd31da393c1079]

File Edit View Insert Format Styles Table Form Tools Window Help



Default Paragraph Sty



Liberation Serif

12 pt

B

I

U

Your name: [Click here to enter text](#)

☐ I like filling forms

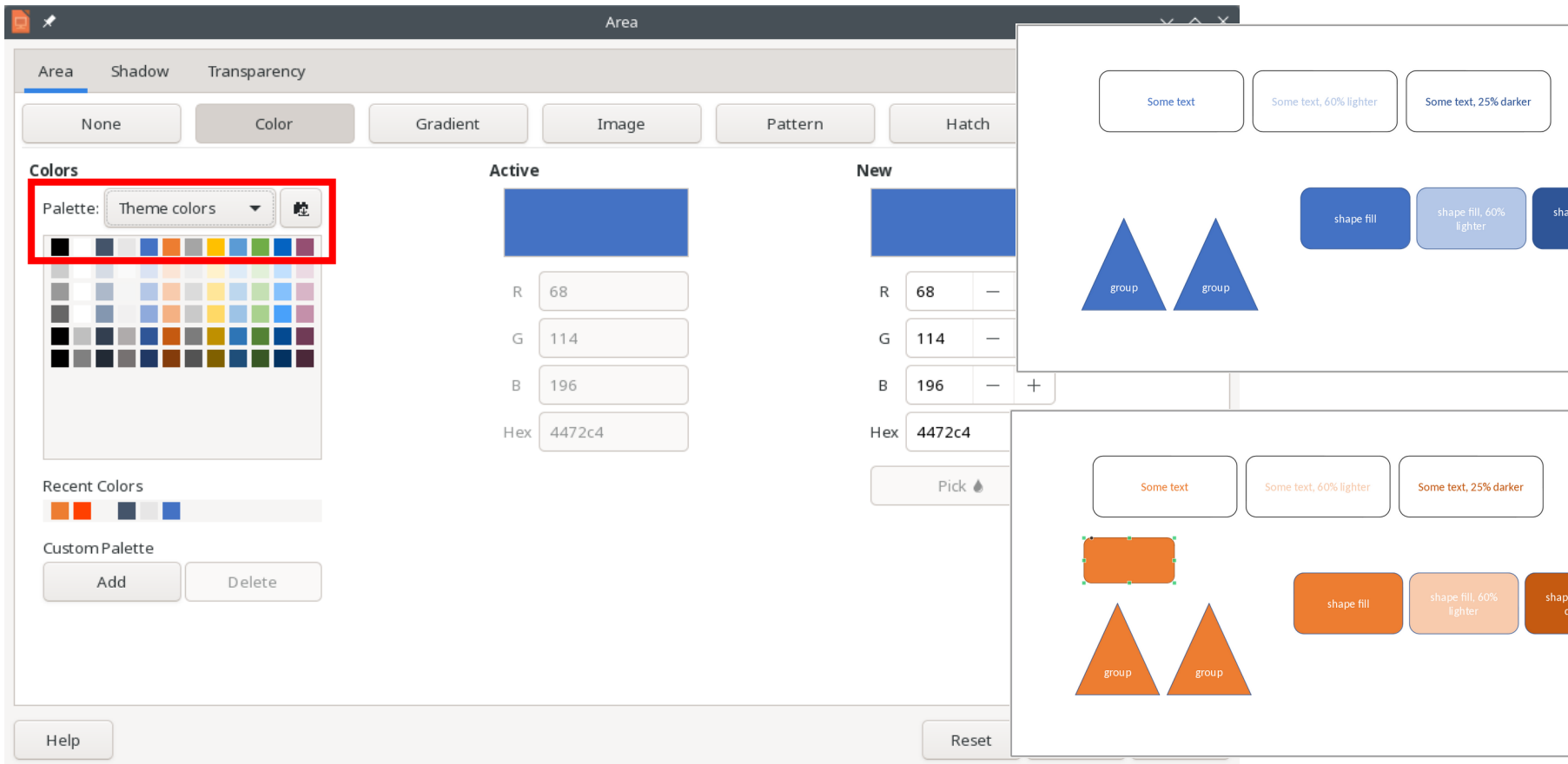
Favorite color: [Choose an item](#)

Date: [Choose a date](#)

Merged for
LibreOffice 7.5

Impress color theming

A key interoperability win

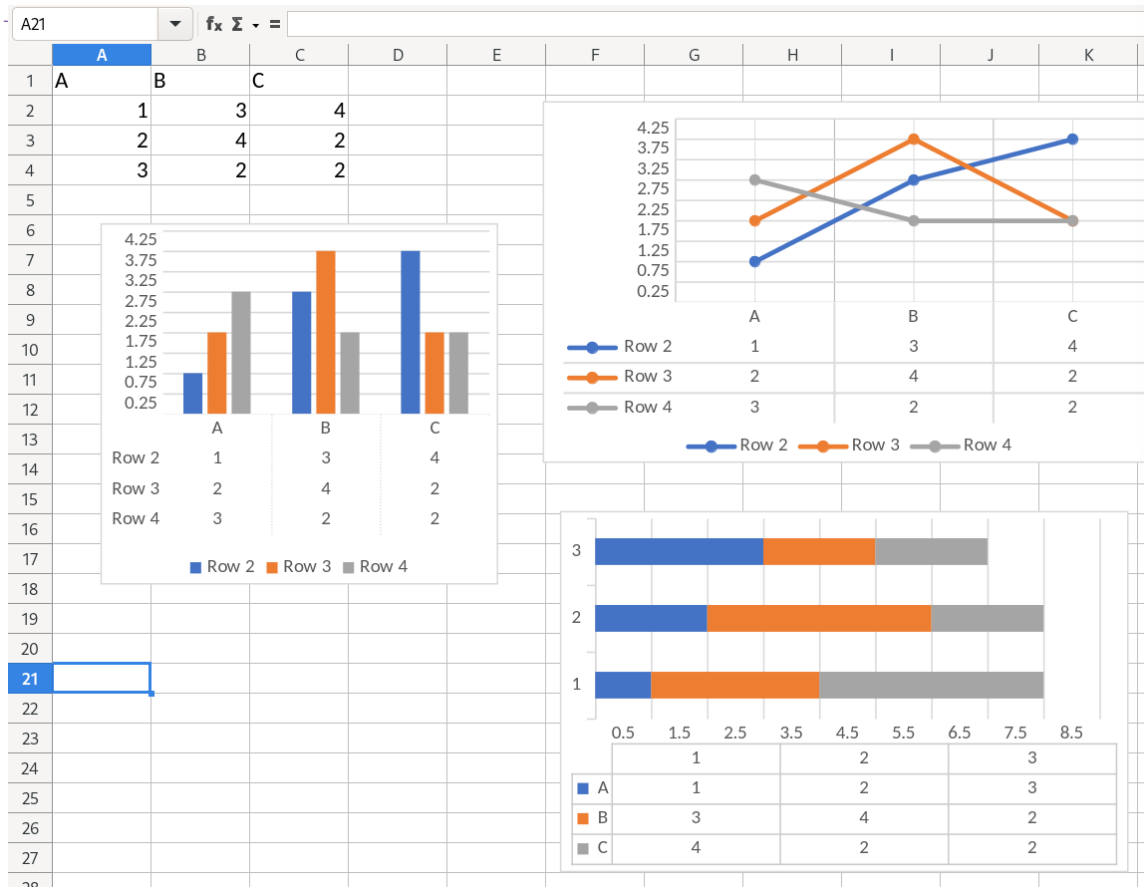


The screenshot displays the 'Area' panel in the Impress application, which is used for setting colors and patterns for various elements. The 'Area' tab is active, showing options for 'None', 'Color', 'Gradient', 'Image', 'Pattern', and 'Hatch'. The 'Color' option is selected, and the 'Theme colors' palette is chosen from the 'Palette' dropdown. A red box highlights the 'Theme colors' palette and the 'Colors' section, which includes a grid of color swatches and a 'Recent Colors' section.

The 'Active' and 'New' color sections show the current color settings. The 'Active' color is a blue with RGB values (68, 114, 196) and Hex code 4472c4. The 'New' color is also a blue with the same RGB values and Hex code 4472c4.

Two preview windows are shown on the right, demonstrating the application of the selected color theme. The top preview window shows text and shapes (triangles) in the selected blue color, with options for 'Some text', 'Some text, 60% lighter', 'Some text, 25% darker', 'shape fill', and 'shape fill, 60% lighter'. The bottom preview window shows the same elements in an orange color, with options for 'Some text', 'Some text, 60% lighter', 'Some text, 25% darker', 'shape fill', and 'shape fill, 60% lighter'.

Chart - data tables ...



Data Table
×

☒ Show Data Table

Data Table Properties

☐ Show Horizontal Border

☐ Show Vertical Border

☐ Show Outline

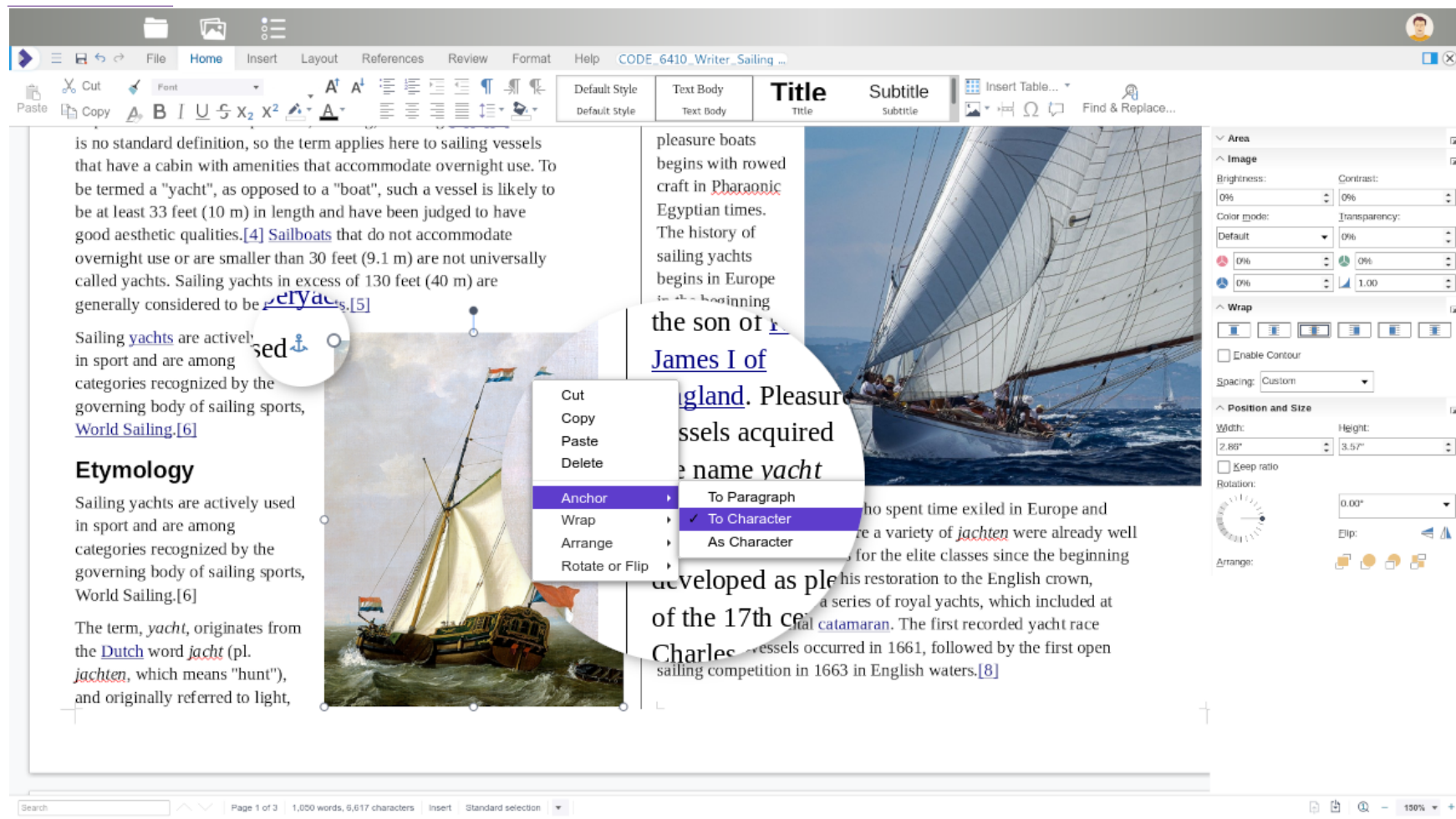
☐ Show Keys

Help
Cancel
OK

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.



Precisely anchor & reflow your boat (and other) images



is no standard definition, so the term applies here to sailing vessels that have a cabin with amenities that accommodate overnight use. To be termed a "yacht", as opposed to a "boat", such a vessel is likely to be at least 33 feet (10 m) in length and have been judged to have good aesthetic qualities.[4] [Sailboats](#) that do not accommodate overnight use or are smaller than 30 feet (9.1 m) are not universally called yachts. Sailing yachts in excess of 130 feet (40 m) are generally considered to be [yachts](#). [5]

Sailing [yachts](#) are actively used in sport and are among categories recognized by the governing body of sailing sports, [World Sailing](#). [6]

Etymology

Sailing yachts are actively used in sport and are among categories recognized by the governing body of sailing sports, [World Sailing](#). [6]

The term, *yacht*, originates from the [Dutch](#) word *jacht* (pl. *jachten*, which means "hunt"), and originally referred to light, pleasure boats begins with rowed craft in [Pharaonic](#) Egyptian times. The history of sailing yachts begins in Europe in the beginning the son of [James I of England](#). Pleasure vessels acquired the name *yacht* who spent time exiled in Europe and were a variety of *jachten* were already well for the elite classes since the beginning developed as pleasure his restoration to the English crown, a series of royal yachts, which included at the 17th century. The first recorded yacht race of the 17th century. The first recorded yacht race Charles vessels occurred in 1661, followed by the first open sailing competition in 1663 in English waters. [8]

Area

Image

Brightness: 0% Contrast: 0%

Color mode: Default Transparency: 0%

0% 0% 0% 1.00

Wrap

☐ Enable Contour


Spacing: Custom


Position and Size

Width: 2.88" Height: 3.57"

☐ Keep ratio

Rotation: 0.00°

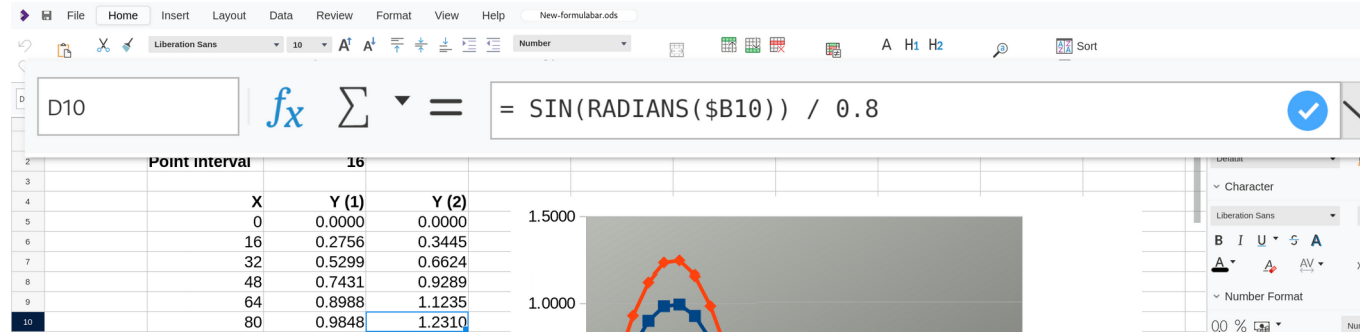
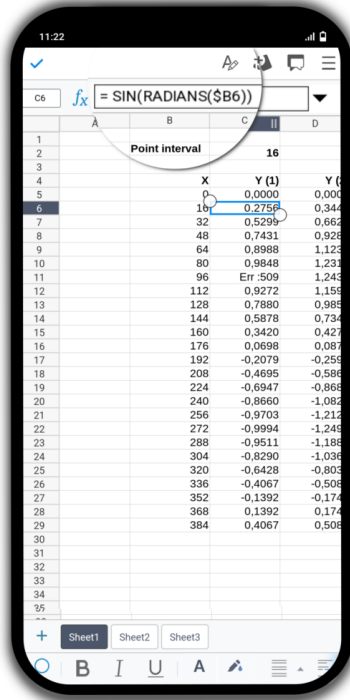
Ellip: 

Arrange: 

Page 1 of 3 | 1,000 words, 6,617 characters | Insert | Standard selection

100%

New HTML Formula Input Bar



Save-As / Export-As (+ Download)

The screenshot displays the top toolbar and the File menu of the Collabora Online editor. The toolbar includes buttons for Save, Save As, Export As, See history, Print, Download, Repair, and Properties. The File menu is open, showing options like Save, Save As..., Export as, Share..., See revision history, Download as, Properties..., Print..., and Close document. The 'Export as' option is highlighted, and its submenu is visible, showing 'PDF Document (.pdf)' and 'EPUB (.epub)'. The 'Save As' dropdown menu is also open, showing options for ODF text document (.odt), Rich Text (.rtf), Word Document (.docx), and Word 2003 Document (.doc). The document content shows a text body with the text 'Carlito'.

Save Save As Export As See history Print Download Repair Properties

5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15

File Edit View Insert Format References Table Form

Save (Ctrl + S)
Save As...
Export as
Share...
See revision history
Download as
Properties...
Print... (Ctrl + P)
Close document

Text Body Carlito

PDF Document (.pdf)
EPUB (.epub)

8 | 9 | 10

ODF text document (.odt)
Rich Text (.rtf)
Word Document (.docx)
Word 2003 Document (.doc)

Same hooks for new 'Export':

PDF Options

General

Initial View

User Interface

Links

Security

Range

☒ All
 ☐ Pages:
 ☐ Selection

Images

☐ Lossless compression
 ☒ JPEG compression
 Quality: 90 %
 ☒ Reduce image resolution to: 300 DPI

Watermark

☐ Sign with watermark

General

☐ Hybrid PDF (embed ODF file)
 ☐ Archive (PDF/A, ISO 19005)
 PDF/A version: PDF/A-3b
 ☐ Universal Accessibility (PDF/UA)
 ☐ Tagged PDF (add document structure)
 ☒ Create PDF form
 Submit format: FDF
 ☐ Allow duplicate field names

Structure

☒ Export outlines
 ☐ Export placeholders
 ☐ Comments as PDF annotations
 ☐ Export automatically inserted blank pages
 ☐ Use reference XObjects

Help

Reset

Cancel

Export

Epub Export

General

Version:

EPUB 3.0

Split method:

Heading

Layout method:

Reflowable

Metadata

Identifier:

Mcy919

Title:

Test

Author:

Testbenutzer

Language:

de-DE

Date:

2017-12-18T21:10:04

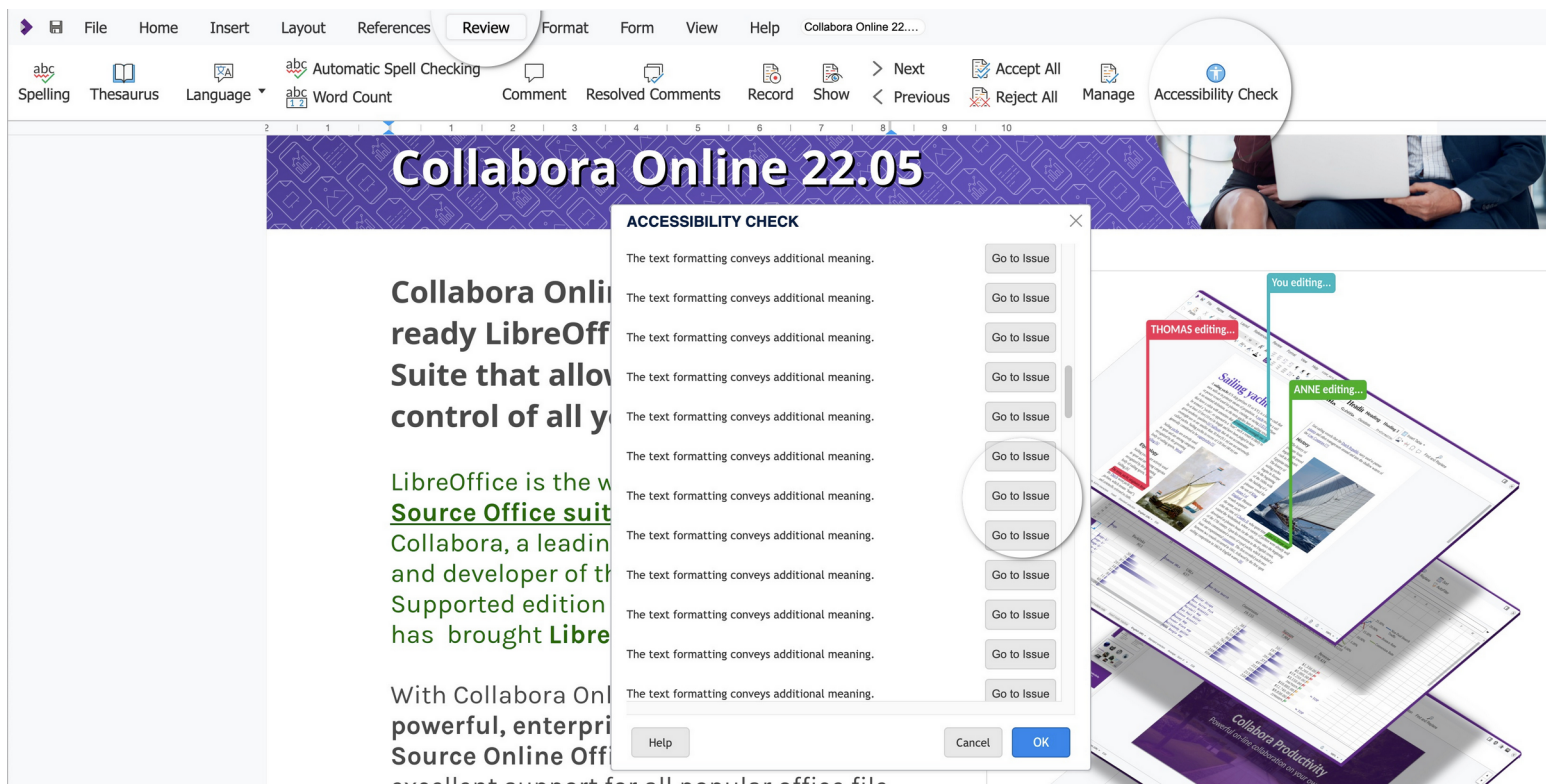
Help

Cancel

OK

Accessibility Check

Accessibility Check Helps to create documents according to the PDF/UA Standard



Collabora Online 22.05

Collabora Online ready LibreOffice Suite that allows you to have full control of all your documents.

LibreOffice is the world's most powerful, enterprise-ready, open source office suite. Collabora, a leading provider of cloud-based office solutions, and developer of the Collabora Online office suite, has brought LibreOffice to the cloud.

With Collabora Online, you can create, edit, and share documents, spreadsheets, and presentations in a secure, scalable, and easy-to-use environment. Collabora Online Office is the perfect solution for all your office needs.

ACCESSIBILITY CHECK

- The text formatting conveys additional meaning. [Go to Issue](#)
- The text formatting conveys additional meaning. [Go to Issue](#)
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- The text formatting conveys additional meaning. [Go to Issue](#)
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- The text formatting conveys additional meaning. [Go to Issue](#)
- The text formatting conveys additional meaning. [Go to Issue](#)

[Help](#) [Cancel](#) [OK](#)

Collabora Productivity

Richer dialog functionality left & right

eg. SparkLine properties

or File Properties

SPARKLINE PROPERTIES

Properties

Type: Column
Line width: 0.75
Display empty cells as: Zero
☐ Display hidden
☐ Right-to-left

Colors

Series: #5C2983
☐ Negative points: #800000
☒ High points: Dark Lime 1
☐ Low points: #800000
☐ Marker: #800000
☐ First point: #800000
☐ Last point: #800000

Axes

☐ Display X axis

Vertical minimum: Individual 0
Vertical maximum: Individual 0

Help

Close

OK

PROPERTIES OF "CV"

General

Description

Font

Statistics

CV.odt

Change Password

Type: OpenDocument Text
Location: CV.odt
Size: 25 KB (25,491 Bytes)
Created: 01/09/2021, 14:28:14
Modified: 01/09/2021, 20:52:35
Template:
Digitally signed:
Last printed:
Total editing time: 00:18:12
Revision number: 9

☒ Apply user data
☒ Save preview image with this document
☐ Image preferred DPI

Reset Properties

Help

Reset

Cancel

OK

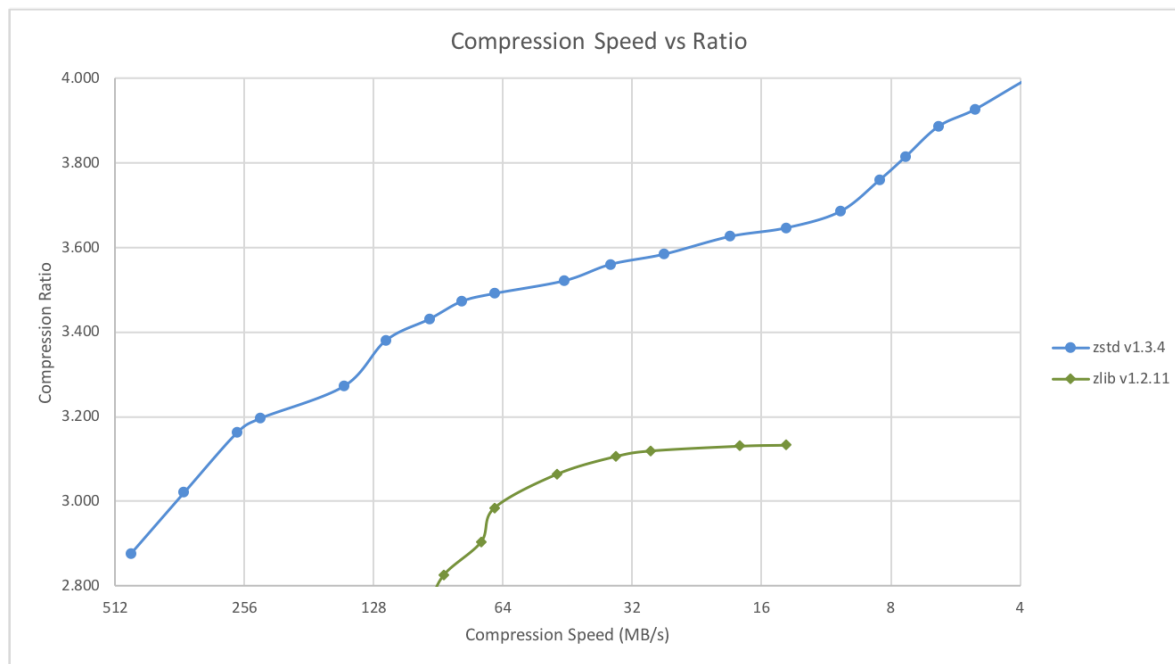
Faster (zstd) tile compression + δ 's

Thanks to Facebook for a better zlib.

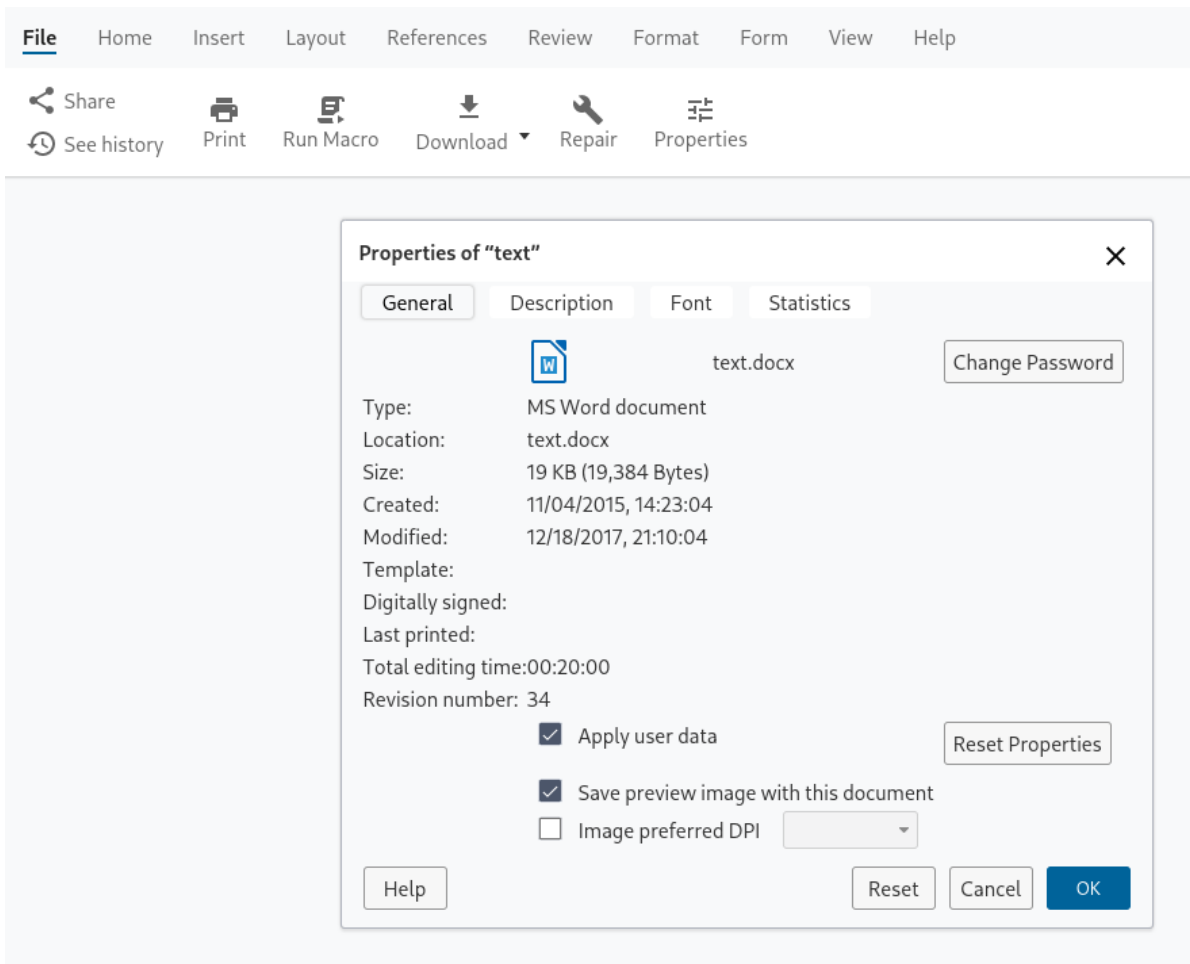
Deltas:

~50% bandwidth redux

~5x lower CPU load for tile compression.



Document properties + passwords



The screenshot shows the LibreOffice Writer application window. The top menu bar includes File, Home, Insert, Layout, References, Review, Format, Form, View, and Help. Below the menu bar is a toolbar with icons for Share, See history, Print, Run Macro, Download, Repair, and Properties. The 'Properties' button is highlighted, and a dialog box titled 'Properties of "text"' is open. The dialog box has four tabs: General, Description, Font, and Statistics. The 'General' tab is selected, showing the following information:

- Type: MS Word document
- Location: text.docx
- Size: 19 KB (19,384 Bytes)
- Created: 11/04/2015, 14:23:04
- Modified: 12/18/2017, 21:10:04
- Template:
- Digitally signed:
- Last printed:
- Total editing time: 00:20:00
- Revision number: 34

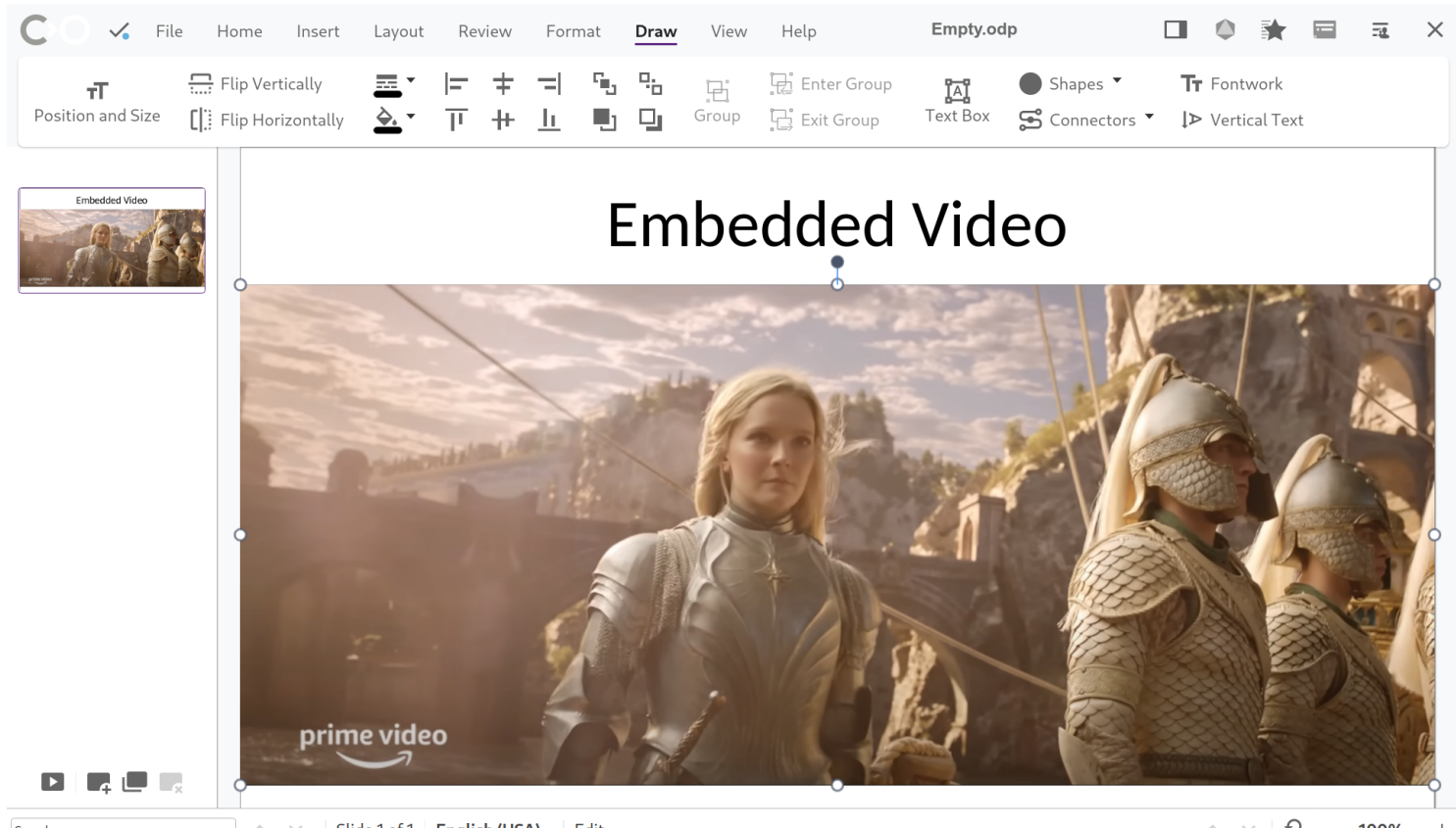
At the bottom of the dialog box, there are three checkboxes:

- ☒ Apply user data
- ☒ Save preview image with this document
- ☐ Image preferred DPI

Buttons for 'Change Password', 'Reset Properties', 'Help', 'Reset', 'Cancel', and 'OK' are also visible.

Online / embedded Video playback

Built on browser codec support:

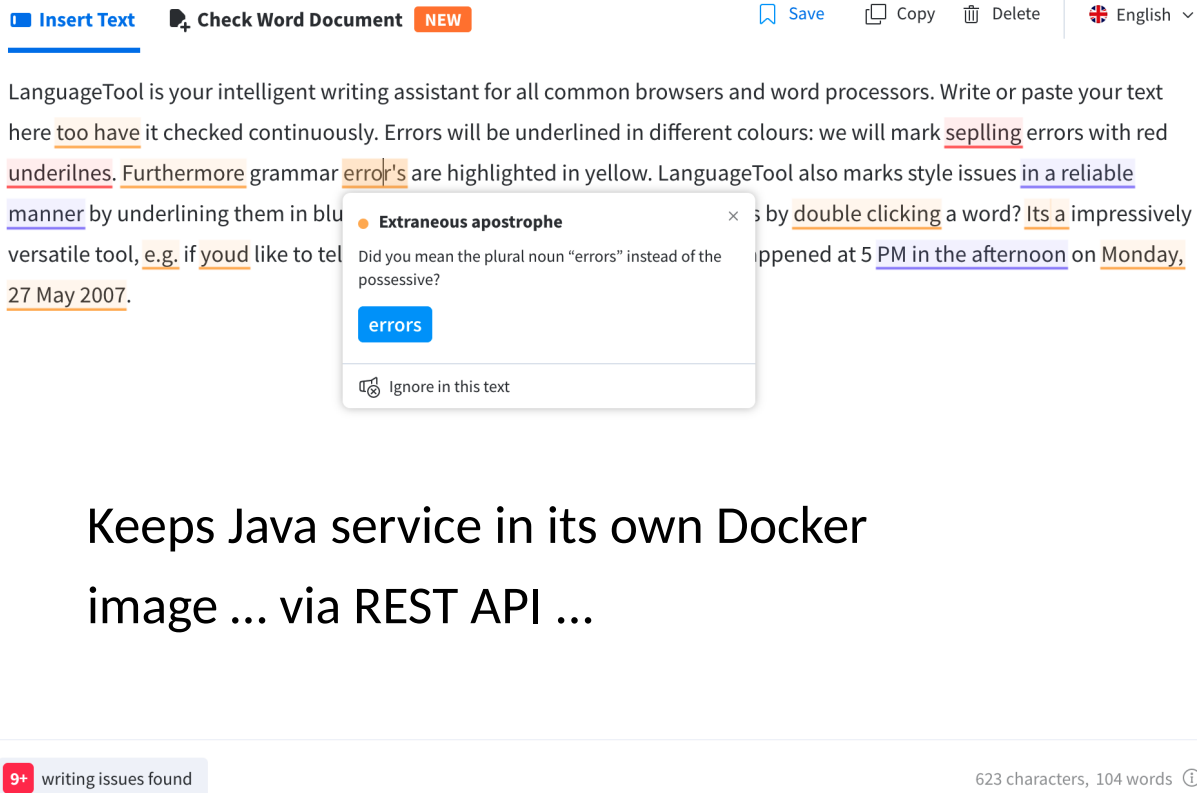


AI document checking: Language / Grammar API

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](#)



The screenshot shows the LanguageTool web interface. At the top, there are buttons for 'Insert Text', 'Check Word Document' (with a 'NEW' badge), 'Save', 'Copy', 'Delete', and a language selector set to 'English'. The main text area contains a paragraph with several errors highlighted: 'too have' (orange), 'seplling' (red), 'underilnes' (blue), 'Furthermore' (orange), 'error's' (yellow), 'in a reliable' (blue), 'manner' (blue), 'e.g.' (orange), 'if youd' (orange), and 'Monday,' (orange). A pop-up window titled 'Extraneous apostrophe' is open, showing a suggestion for 'errors' and a button to 'Ignore in this text'. At the bottom, a status bar indicates '9+ writing issues found' and '623 characters, 104 words'.

Keeps Java service in its own Docker
image ... via REST API ...

DUDEN corrector integration

Extending existing LanguageTooler work

- Will require a DUDEN Web Service
- On-premise. <https://www.duden.de/api> etc.
- Initially just basic checking.



DeepL built-in translation ...

Collabora Online: the enterprise-ready LibreOffice-based Online Office Suite that allows you to stay in full control of your office files.

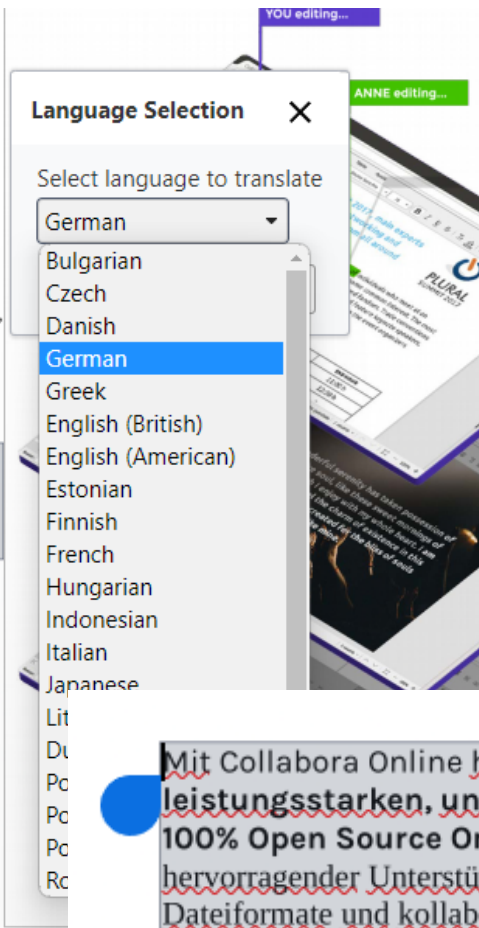
LibreOffice is the world's most popular Open Source Office suite with over 120 million users. Collabora, a leading contributor to the project, and developer of the enterprise-ready, Term Supported edition of LibreOffice, Collabora Office, has now brought LibreOffice to the Cloud with Collabora Online.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

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 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.

Zotero citation management

Nextcloud Zotero integration (via API)

The screenshot displays the Nextcloud web interface with the 'References' menu active. The interface includes a top navigation bar with 'File', 'Home', 'Insert', 'Layout', 'References', 'Review', 'Format', 'Form', 'View', and 'Help'. Below this is a toolbar with various reference management tools like 'Table of Contents and Index', 'Index Entry', 'Update Index', 'Footnote', 'Endnote', 'Footnotes and Endnotes', 'Bookmark', 'Cross-reference', 'Add/Edit Bibliography', 'Add/Edit Citation', 'Refresh Citations', 'Add Citation Note', 'Unlink Citations', and 'Field'. The main content area shows a document titled 'healthtechnolog.odt' with a section titled '3 TEXT IN COLUMNS'. The text in this section is dynamically floating around an image of an open book. A modal dialog titled 'Link your web library' is overlaid on the document, providing instructions to connect a Zotero account and a 'Go to settings' button. The dialog also features a hand cursor icon pointing to the button.

Health Technol Assess Ser. 2022

3 TEXT IN COLUMNS

This text is written in **two columns** over two pages, starts with an **initial letter**, and has a couple of **images in the text** (text is **dynamically floating** around them). Additionally we use **automatic hyphenation**! Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum consequat mi quis pretium semper. Proin luctus orci ac neque venenatis, quis commodo dolor posuere. Curabitur dignissim sapien quis cursus egestas. Donec blandit auctor arcu, nec pellentesque eros molestie eget. In consectetur aliquam hendrerit. Sed cursus mauris vitae ligula pellentesque, non pellentesque urna aliquet. Fusce placerat mauris enim, nec rutrum purus semper vel. Praesent tincidunt neque eu pellentesque pharetra. Fusce pellentesque est orci.

Integer sodales tincidunt tristique. Sed a metus posuere, adipiscing nunc et, viverra odio. Donec auctor molestie sem, sit amet tristique lectus hendrerit sed. Cras sodales nisl sed orci mattis iaculis. Nunc eget dolor accumsan, pharetra risus a, vestibulum mauris. Nunc vulputate lobortis mollis. Vivamus nec tellus faucibus, tempor magna nec, faucibus felis. Donec commodo enim a vehicula

consequat mi quis pre
ac neque venenatis,
Curabitur dignissim
Donec blandit aucto
molestie eget. In con
cursus mauris vita
pellentesque urna al
enim, nec rutrum
tincidunt neque eu
pellentesque est orci.

Articles excluded based on title
n = 1,804

Articles excluded based on abstract
n = 305

Articles excluded based on full text
n = 16

Included studies (12)

Integer sodales tincidunt tristique. Sed a metus posuere, adipiscing nunc et, viverra odio. Donec auctor molestie sem, sit amet tristique lectus hendrerit sed. Cras sodales nisl sed orci mattis iaculis. Nunc eget dolor accumsan, pharetra risus a, vestibulum mauris. Nunc vulputate lobortis mollis.

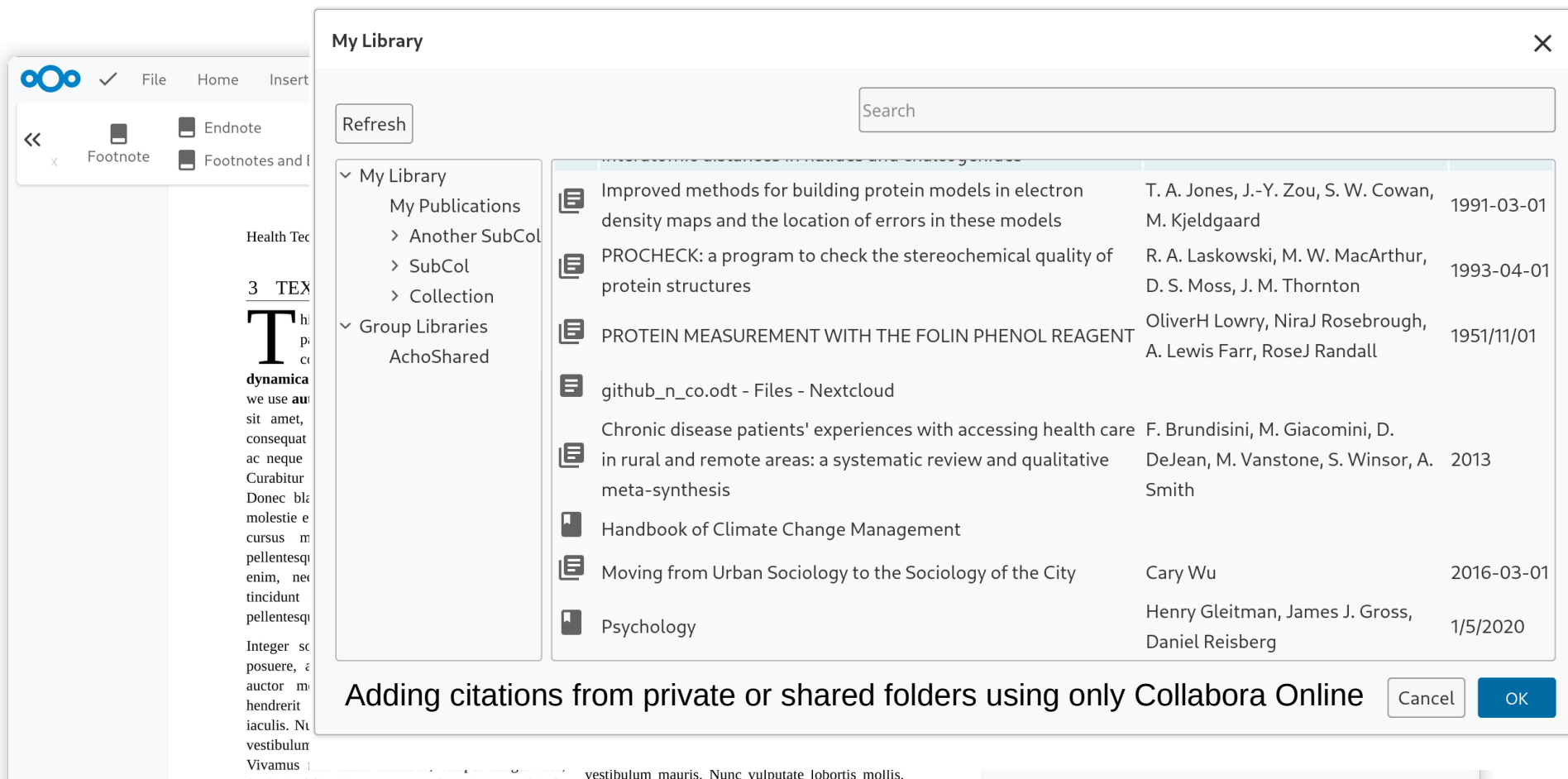
Link your web library

Connect your Zotero's account no need for any additional software or fuss. Simply head over to your personal settings page and gain instant access to your whole web library.

[Go to settings](#)

Easy to connect through integration

Browse your whole library, no need for any additional program installed on the user's side!



The screenshot displays a web application interface. In the background, a document editor is visible with a sidebar on the left containing navigation icons and a main text area with a large 'T' character. Overlaid on this is a 'My Library' modal window. The modal has a title bar with a close button (X) and a search bar. Below the search bar is a 'Refresh' button. The main content of the modal is a list of items, organized into two columns. The left column lists the items, and the right column lists the authors and dates. The items are: 'Improved methods for building protein models in electron density maps and the location of errors in these models', 'PROCHECK: a program to check the stereochemical quality of protein structures', 'PROTEIN MEASUREMENT WITH THE FOLIN PHENOL REAGENT', 'github_n_co.odt - Files - Nextcloud', 'Chronic disease patients' experiences with accessing health care in rural and remote areas: a systematic review and qualitative meta-synthesis', 'Handbook of Climate Change Management', 'Moving from Urban Sociology to the Sociology of the City', and 'Psychology'. The authors and dates are listed to the right of each item. At the bottom of the modal, there is a text label 'Adding citations from private or shared folders using only Collabora Online' and two buttons: 'Cancel' and 'OK'.

My Library

Search

Refresh

My Library

- My Publications
 - > Another SubCol
 - > SubCol
 - > Collection
- Group Libraries
 - AchoShared

Improved methods for building protein models in electron density maps and the location of errors in these models	T. A. Jones, J.-Y. Zou, S. W. Cowan, M. Kjeldgaard	1991-03-01
PROCHECK: a program to check the stereochemical quality of protein structures	R. A. Laskowski, M. W. MacArthur, D. S. Moss, J. M. Thornton	1993-04-01
PROTEIN MEASUREMENT WITH THE FOLIN PHENOL REAGENT	OliverH Lowry, NiraJ Rosebrough, A. Lewis Farr, RoseJ Randall	1951/11/01
github_n_co.odt - Files - Nextcloud		
Chronic disease patients' experiences with accessing health care in rural and remote areas: a systematic review and qualitative meta-synthesis	F. Brundisini, M. Giacomini, D. DeJean, M. Vanstone, S. Winsor, A. Smith	2013
Handbook of Climate Change Management		
Moving from Urban Sociology to the Sociology of the City	Cary Wu	2016-03-01
Psychology	Henry Gleitman, James J. Gross, Daniel Reisberg	1/5/2020

Adding citations from private or shared folders using only Collabora Online

Cancel OK

Built directly into a simple UI:

Actions: easy to identify and distinguish

The screenshot displays a software interface with a top menu bar and a toolbar. The 'References' tab is active in the menu bar. The toolbar contains various icons for document management and citation actions. A dashed purple box highlights the 'Add/Edit Citation', 'Add Citation Note', and 'Unlink Citations' buttons in the toolbar. Below the toolbar, the main document area shows a text editor with a table of contents and a list of references. A dialog box titled 'Add/Edit Citation' is open, showing a list of libraries and a search bar. The 'My Publications' library is selected, and a list of titles is displayed. The title 'Chronic disease patients' experiences with accessing health care areas: a systematic review and qualitative meta-synthesis' is highlighted. The 'Psychology' category is also highlighted. The 'OK' button is visible at the bottom right of the dialog box. A purple circle with a dot and the text 'Selected' points to the highlighted title. Another purple circle with a dot and the text 'mouse hover' points to the title. A third purple circle with a dot and the text 'Selected' points to the 'Psychology' category. A fourth purple circle with a dot and the text 'Selected' points to the 'OK' button. A fifth purple circle with a dot and the text 'Selected' points to the 'Cancel' button. A sixth purple circle with a dot and the text 'Selected' points to the 'Help' button. A seventh purple circle with a dot and the text 'Selected' points to the 'Add/Edit Citation' button. An eighth purple circle with a dot and the text 'Selected' points to the 'Add Citation Note' button. A ninth purple circle with a dot and the text 'Selected' points to the 'Unlink Citations' button. A tenth purple circle with a dot and the text 'Selected' points to the 'Field' button. A eleventh purple circle with a dot and the text 'Selected' points to the 'Table of Contents and Index' button. A twelfth purple circle with a dot and the text 'Selected' points to the 'Index Entry' button. A thirteenth purple circle with a dot and the text 'Selected' points to the 'Update Index' button. A fourteenth purple circle with a dot and the text 'Selected' points to the 'Footnote' button. A fifteenth purple circle with a dot and the text 'Selected' points to the 'Footnotes and Endnotes' button. A sixteenth purple circle with a dot and the text 'Selected' points to the 'Bookmark' button. A seventeenth purple circle with a dot and the text 'Selected' points to the 'Cross-reference' button. An eighteenth purple circle with a dot and the text 'Selected' points to the 'Add/Edit Bibliography' button. A nineteenth purple circle with a dot and the text 'Selected' points to the 'Refresh Citations' button. A twentieth purple circle with a dot and the text 'Selected' points to the 'Unlink Citations' button. A twenty-first purple circle with a dot and the text 'Selected' points to the 'Field' button. A twenty-second purple circle with a dot and the text 'Selected' points to the 'Table of Contents and Index' button. A twenty-third purple circle with a dot and the text 'Selected' points to the 'Index Entry' button. A twenty-fourth purple circle with a dot and the text 'Selected' points to the 'Update Index' button. A twenty-fifth purple circle with a dot and the text 'Selected' points to the 'Footnote' button. A twenty-sixth purple circle with a dot and the text 'Selected' points to the 'Footnotes and Endnotes' button. A twenty-seventh purple circle with a dot and the text 'Selected' points to the 'Bookmark' button. A twenty-eighth purple circle with a dot and the text 'Selected' points to the 'Cross-reference' button. A twenty-ninth purple circle with a dot and the text 'Selected' points to the 'Add/Edit Bibliography' button. A thirtieth purple circle with a dot and the text 'Selected' points to the 'Refresh Citations' button. A thirty-first purple circle with a dot and the text 'Selected' points to the 'Unlink Citations' button. A thirty-second purple circle with a dot and the text 'Selected' points to the 'Field' button. A thirty-third purple circle with a dot and the text 'Selected' points to the 'Table of Contents and Index' button. A thirty-fourth purple circle with a dot and the text 'Selected' points to the 'Index Entry' button. A thirty-fifth purple circle with a dot and the text 'Selected' points to the 'Update Index' button. A thirty-sixth purple circle with a dot and the text 'Selected' points to the 'Footnote' button. A thirty-seventh purple circle with a dot and the text 'Selected' points to the 'Footnotes and Endnotes' button. A thirty-eighth purple circle with a dot and the text 'Selected' points to the 'Bookmark' button. A thirty-ninth purple circle with a dot and the text 'Selected' points to the 'Cross-reference' button. A fortieth purple circle with a dot and the text 'Selected' points to the 'Add/Edit Bibliography' button. A forty-first purple circle with a dot and the text 'Selected' points to the 'Refresh Citations' button. A forty-second purple circle with a dot and the text 'Selected' points to the 'Unlink Citations' button. A forty-third purple circle with a dot and the text 'Selected' points to the 'Field' button. A forty-fourth purple circle with a dot and the text 'Selected' points to the 'Table of Contents and Index' button. A forty-fifth purple circle with a dot and the text 'Selected' points to the 'Index Entry' button. A forty-sixth purple circle with a dot and the text 'Selected' points to the 'Update Index' button. A forty-seventh purple circle with a dot and the text 'Selected' points to the 'Footnote' button. A forty-eighth purple circle with a dot and the text 'Selected' points to the 'Footnotes and Endnotes' button. A forty-ninth purple circle with a dot and the text 'Selected' points to the 'Bookmark' button. A fiftieth purple circle with a dot and the text 'Selected' points to the 'Cross-reference' button. A fifty-first purple circle with a dot and the text 'Selected' points to the 'Add/Edit Bibliography' button. A fifty-second purple circle with a dot and the text 'Selected' points to the 'Refresh Citations' button. A fifty-third purple circle with a dot and the text 'Selected' points to the 'Unlink Citations' button. A fifty-fourth purple circle with a dot and the text 'Selected' points to the 'Field' button. A fifty-fifth purple circle with a dot and the text 'Selected' points to the 'Table of Contents and Index' button. A fifty-sixth purple circle with a dot and the text 'Selected' points to the 'Index Entry' button. A fifty-seventh purple circle with a dot and the text 'Selected' points to the 'Update Index' button. A fifty-eighth purple circle with a dot and the text 'Selected' points to the 'Footnote' button. A fifty-ninth purple circle with a dot and the text 'Selected' points to the 'Footnotes and Endnotes' button. A sixtieth purple circle with a dot and the text 'Selected' points to the 'Bookmark' button. A sixty-first purple circle with a dot and the text 'Selected' points to the 'Cross-reference' button. A sixty-second purple circle with a dot and the text 'Selected' points to the 'Add/Edit Bibliography' button. A sixty-third purple circle with a dot and the text 'Selected' points to the 'Refresh Citations' button. A sixty-fourth purple circle with a dot and the text 'Selected' points to the 'Unlink Citations' button. A sixty-fifth purple circle with a dot and the text 'Selected' points to the 'Field' button. A sixty-sixth purple circle with a dot and the text 'Selected' points to the 'Table of Contents and Index' button. A sixty-seventh purple circle with a dot and the text 'Selected' points to the 'Index Entry' button. A sixty-eighth purple circle with a dot and the text 'Selected' points to the 'Update Index' button. A sixty-ninth purple circle with a dot and the text 'Selected' points to the 'Footnote' button. A seventieth purple circle with a dot and the text 'Selected' points to the 'Footnotes and Endnotes' button. A seventy-first purple circle with a dot and the text 'Selected' points to the 'Bookmark' button. A seventy-second purple circle with a dot and the text 'Selected' points to the 'Cross-reference' button. A seventy-third purple circle with a dot and the text 'Selected' points to the 'Add/Edit Bibliography' button. A seventy-fourth purple circle with a dot and the text 'Selected' points to the 'Refresh Citations' button. A seventy-fifth purple circle with a dot and the text 'Selected' points to the 'Unlink Citations' button. A seventy-sixth purple circle with a dot and the text 'Selected' points to the 'Field' button. A seventy-seventh purple circle with a dot and the text 'Selected' points to the 'Table of Contents and Index' button. A seventy-eighth purple circle with a dot and the text 'Selected' points to the 'Index Entry' button. A seventy-ninth purple circle with a dot and the text 'Selected' points to the 'Update Index' button. An eighty purple circle with a dot and the text 'Selected' points to the 'Footnote' button. An eighty-first purple circle with a dot and the text 'Selected' points to the 'Footnotes and Endnotes' button. An eighty-second purple circle with a dot and the text 'Selected' points to the 'Bookmark' button. An eighty-third purple circle with a dot and the text 'Selected' points to the 'Cross-reference' button. An eighty-fourth purple circle with a dot and the text 'Selected' points to the 'Add/Edit Bibliography' button. An eighty-fifth purple circle with a dot and the text 'Selected' points to the 'Refresh Citations' button. An eighty-sixth purple circle with a dot and the text 'Selected' points to the 'Unlink Citations' button. An eighty-seventh purple circle with a dot and the text 'Selected' points to the 'Field' button. An eighty-eighth purple circle with a dot and the text 'Selected' points to the 'Table of Contents and Index' button. An eighty-ninth purple circle with a dot and the text 'Selected' points to the 'Index Entry' button. A ninety purple circle with a dot and the text 'Selected' points to the 'Update Index' button. A ninety-first purple circle with a dot and the text 'Selected' points to the 'Footnote' button. A ninety-second purple circle with a dot and the text 'Selected' points to the 'Footnotes and Endnotes' button. A ninety-third purple circle with a dot and the text 'Selected' points to the 'Bookmark' button. A ninety-fourth purple circle with a dot and the text 'Selected' points to the 'Cross-reference' button. A ninety-fifth purple circle with a dot and the text 'Selected' points to the 'Add/Edit Bibliography' button. A ninety-sixth purple circle with a dot and the text 'Selected' points to the 'Refresh Citations' button. A ninety-seventh purple circle with a dot and the text 'Selected' points to the 'Unlink Citations' button. A ninety-eighth purple circle with a dot and the text 'Selected' points to the 'Field' button. A ninety-ninth purple circle with a dot and the text 'Selected' points to the 'Table of Contents and Index' button. A hundred purple circle with a dot and the text 'Selected' points to the 'Index Entry' button.

Health Technol Assess Ser. 2022

3 TEXT IN COLUMNS

This text is written in **two columns** over two pages, starts with an **initial letter**, and has a couple of **images in the text** (text is **dynamically floating** around them). Additionally we use **automatic hyphenation**! Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum consequat mi quis pretium semper. Proin luctus orci ac neque venenatis, quis commodo dolor posuere. Curabitur dignissim sapien quis cursus egestas. Donec blandit auctor arcu, nec pellentesque eros molestie eget. In consectetur aliquam hendrerit. Sed cursus mauris vitae ligula pellentesque, non pellentesque urna aliquet. Fusce placerat mauris enim, nec rutrum purus semper vel. Praesent tincidunt neque eu pellentesque pharetra. Fusce pellentesque est orci.

Integer sodales tincidunt tristique. Sed a metus posuere, adipiscing nunc et, viverra odio. Donec auctor molestie sem, sit amet tristique lectus hendrerit sed. Cras sodales nisl sed orci mattis iaculis. Nunc eget dolor accumsan, pharetra risus a, vestibulum mauris. Nunc vulputate lobortis mollis. Vivamus nec tellus faucibus, tempor magna nec, facilisis felis. Donec commodo enim a vehicula

consequat mi ac neque venenatis, quis commodo dolor posuere. Curabitur dignissim sapien quis cursus egestas. Donec blandit auctor arcu, nec pellentesque eros molestie eget. In consectetur aliquam hendrerit. Sed cursus mauris vitae ligula pellentesque, non pellentesque urna aliquet. Fusce placerat mauris enim, nec rutrum purus semper vel. Praesent tincidunt neque eu pellentesque pharetra. Fusce pellentesque est orci.

Integer sodales tincidunt tristique. Sed a metus posuere, adipiscing nunc et, viverra odio. Donec auctor molestie sem, sit amet tristique lectus hendrerit sed. Cras sodales nisl sed orci mattis iaculis. Nunc eget dolor accumsan, pharetra risus a, vestibulum mauris. Nunc vulputate lobortis mollis.

Articles excluded based on abstract
n = 1,604

Articles excluded based on abstract
n = 305

Full-text articles reviewed
n = 29

Included studies (12)

Articles excluded based on full text
n = 16

chronic condition, no consideration of the link between condition and external factors related to the rural environment (n = 12); excluded study not with population of interest (n = 2); excluded study not relevant to the conditions (n = 1); excluded study because doctoral dissertation (n = 1).

Help

Cancel

OK

Libraries

My Library

My Publications

Unfiled Items

Others

Search

Title

Chronic disease patients' experiences with accessing health care areas: a systematic review and qualitative meta-synthesis

Psychology

Moving from Urban Sociology to the Sociology of the City

Create

mouse hover

Selected

Other misc. Online pieces ...


Improved remote configuration

- Even more state-less.
- Write a shell script to re-generate some JSON on your web-server
- We'll pick that up and re-configure as/when it changes.
- Getting config state out of our docker containers.

Writer / math formula / equation editor

Prometheus updates

- Now we list all process-ids of open documents
- Also list a host of stats and metrics per process-id.
- Essentially at the limit of this format for exposing complex structured data like this efficiently.


 Collabora Online


STARTPRODUCTGITHUBFORUMCHAT


Collabora Online SDK


Search docs


Collabora Online SDK describes the main methods that allow you to interact with different Collabora Online components.
Chose one of the following sections to learn more about the available SDK methods.

 Installation guide

 PostMessage API

 See all the docs

 Create integration

 Available integrations

Frequently Asked Questions

High availability, fault tolerance, upgrade-ability?

Do the documents leave the server?

What is CODE? Are there non-development editions too?

Do the programs require an uninterrupted network connection?


Can I host your product on my own environment?

View all FAQ

If you want a high availability setup, not only to provide extra scalability, but also to provide redundancy against faults. Collabora Online has a clean and attractive architecture – which scales with your routing network:

- Each document is served by a single node...

Read more →



Search docs

[← Back](#)

INTRO

Why integrate?

[Installation guide](#)

[Troubleshooting](#)

GET STARTED

[Introduction](#)

[How to integrate](#)

[Step-by-step tutorial](#)

Simple examples

[Node.js example](#)

[PHP example](#)

[Python example](#)

[ReactJS example](#)

[.NET example](#)

[Available integrations](#)

[Advanced integration](#)

DOCUMENTATION

[Other formats](#)

can be a great start in point for your integration. Feel free to [use](#) and [remix](#) these at your will.

Node.js example

A simple example integrating Collabora Online via `iFrame` in Node.js. We assume you are familiar with npm and the node.js framework.

[Node.js Example on GitHub](#)

PHP example

A simple example integrating Collabora Online via `iFrame` in PHP. We assume that you have already the Apache web server installed on your machine and started, and that the PHP module for Apache has been installed too and loaded.

[PHP Example on GitHub](#)

Python example

A simple example integrating Collabora Online via `iFrame` in Python. We assume you are familiar with Python and Django framework.

[Python Example on GitHub](#)

ReactJS example

A simple example integrating Collabora Online via `iFrame` in ReactJS and Express. We assume you are familiar with npm and node.js framework.

[ReactJS Example on GitHub](#)

.NET example

Collabora Online & OpenPOWER

- First binaries of COOL for OpenPOWER Architektur
- Snapshot docker images
- Ubuntu 20.04 ppc64le Build
Host provided by 21unity



Image: CC BY SA 4.0 ChrispyD1080

Distinctives ...



Some distinctives

Choice of UIs

- Traditional menu/toolbars
- Or tabbed notebook panel.

Open Development

- Anyone can contribute & participate
- Follow commits as they come.

Open Standards

Real Open Source

- 100% open-source code

“Office for the free world”

Friendly Developers

- 50% EU, 75% NATO, global org + LibreOffice technology community

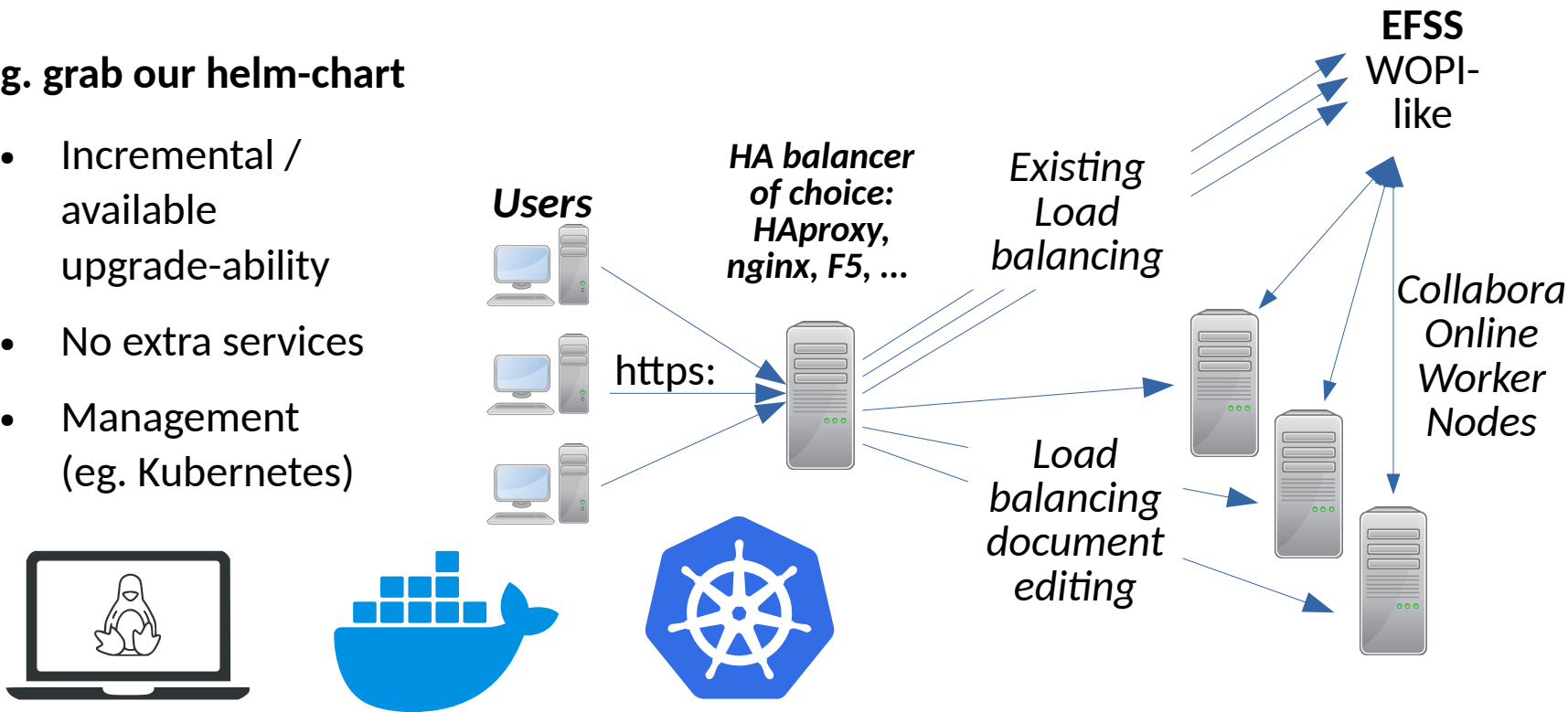
Friendly Investors

- 50/50 ~Canada / UK

High availability – super simple

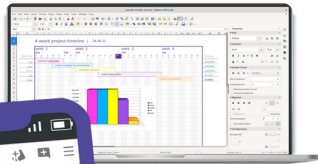
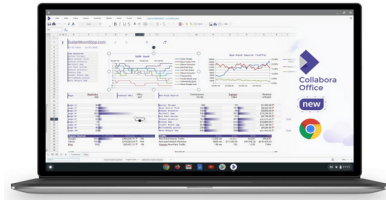
eg. grab our helm-chart

- Incremental / available upgrade-ability
- No extra services
- Management (eg. Kubernetes)



Document Security

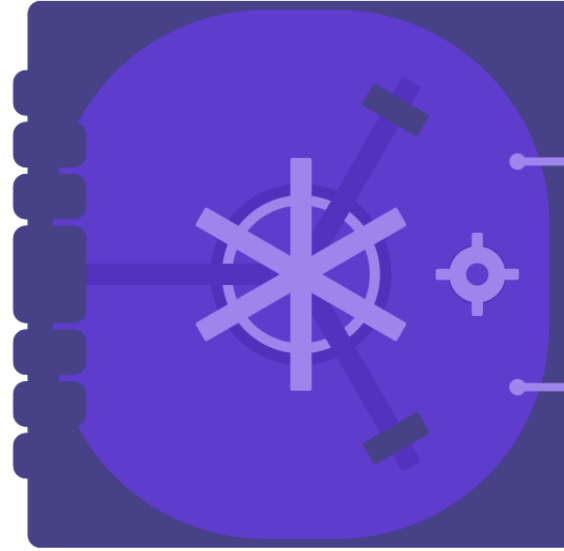
Untrusted Clients



Only *pixels* on screens

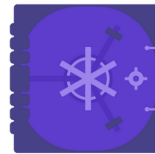
Firewall
VPN
Proxy

Trusted, Secure, Collabora Online Server

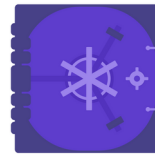


- on your premise / Private network
- Virtual machine / Docker container
- Seccomp-bpf ~no sys-calls
- Extremely sparse filesystem
- Chroot per document
- Systematic load crash testing
- Industry beating coverity score
- LibreOfficeKit
- rendering instance

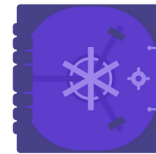
Load-balanced
Redundant
Instances



- on your premise / Private network
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- Virtual machine / Docker container
- Seccomp-bpf ~no sys-calls
- Extremely sparse filesystem
- Chroot per document
- Systematic load crash testing
- Industry beating coverity score
- LibreOfficeKit
- rendering instance

Simple: setup, pricing, support

“Are you sure you only need a load-balancer for HA ?”

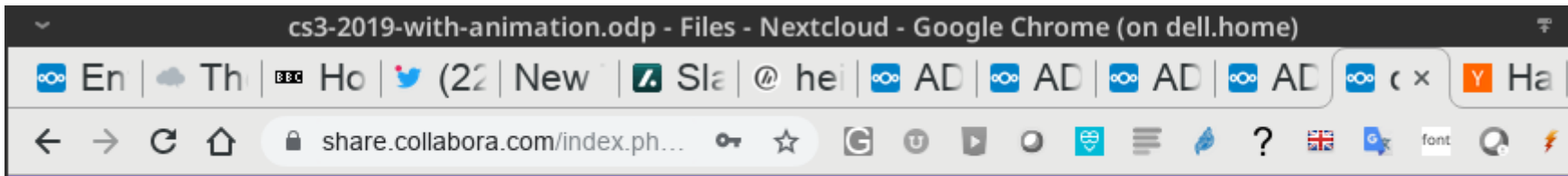
“Nothing to ask, followed the docs, easy to setup, if only all my problems were that easy”

“Just used the Helm chart”

As many servers & connections & VMs as you need

Extreme scaling – with the network - 20M users, 2m users etc. ...

Beware of the Window + Tabpocalypse: *pay just once per user ...*



Coming next ... watch this space.

(and we're hiring fast)

Come hack with us !

The cool kids use LibreOffice technology

COOL Days 2023 + LibreOffice technology hack-fest:

- March 28th & 29th
 - ~two weeks time.
- Claire College
Cambridge / UK.



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



Thank you!
&
Questions ?



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

@CollaboraOffice
hello@collaboraoffice.com
www.collaboraoffice.com