Collabora Online over lock-down

How LibreOffice technology in the browser improved

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Collabora Online

FOSDEM

"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"*

This is an unsupported version of LibreOffice Online. To avoid the impression that it is suitable for deployment in enterprises, this message appears when more than 10 documents or 20 connections are in use concurrently

MORE INFORMATION AND SUPPORT

Removed

LibreOffice Technology

Collabora Productivity

LibreOffice Technology

Crediting LibreOffice Technology

- Help → About
- **CSP work for TDF …**

- Nextcloud Office

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: b1f3c4b

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

Copyright © 2022, Collabor

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

<div>
LibreOffice Technology
</div>

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

<div>
LibreOffice Developers
</div>

The people behind the scenes
LibreOffice is created by a very large group of amazing contributors:
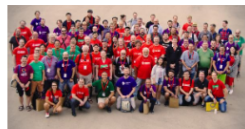
Localization: Contributors

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.

File Home Insert Layout References Review Format Form View Help

Collabora Online.docx

Forum | Online Help | Keyboard shortcuts | Report an issue | Latest Updates | Send Feedback | About
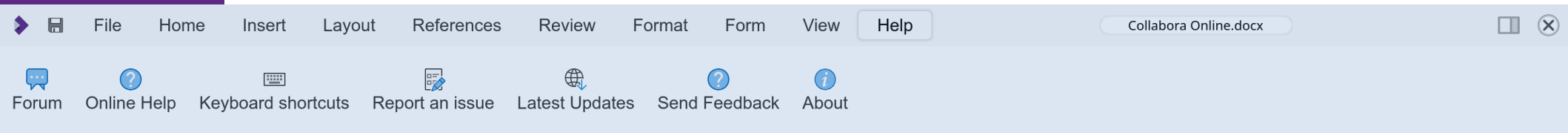
Explore The New 22.05.7.0

Collabora Online Development Edition

Enjoy the latest developments in online productivity, free for you to use, to explore and to use with others in the browser. Various apps are also available for mobile.

LibreOffice Technology bits

A few examples of Improving the awesome LibreOffice Technology

Jumbo Spreadsheets

We now support up to 16384 columns in spreadsheets
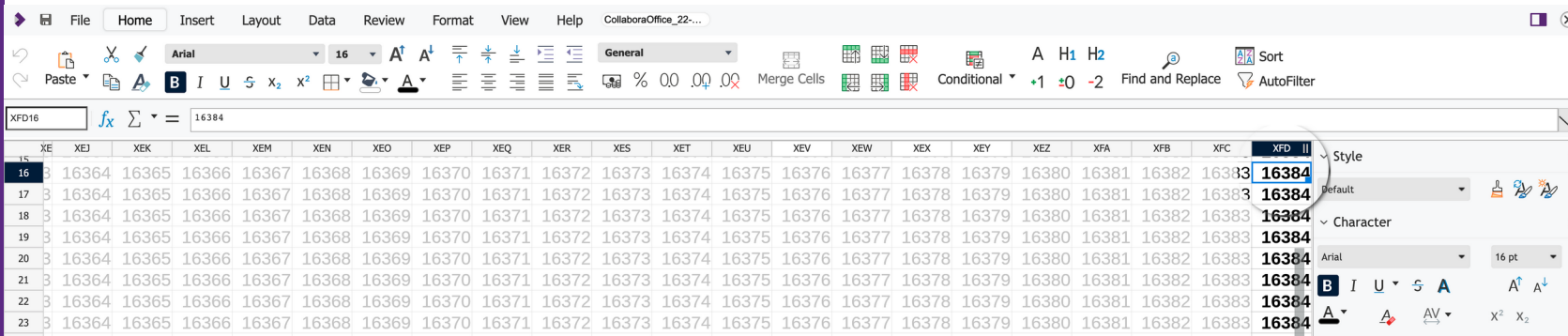
Possibly the most annoying error dialog in the world now gone:

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

OK
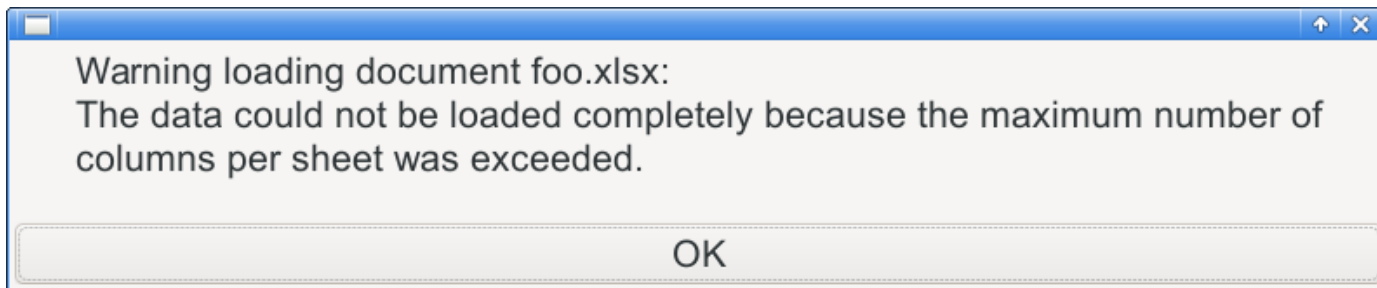
Content Controls in Writer: Forms ...

- Rich Text

- Checkbox

- Dropdown

- Picture

- Date
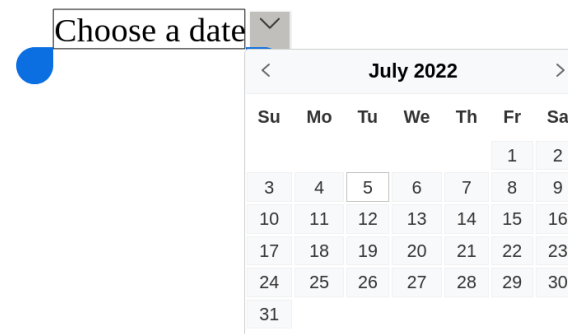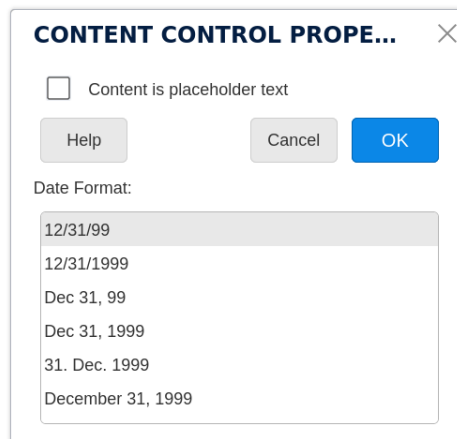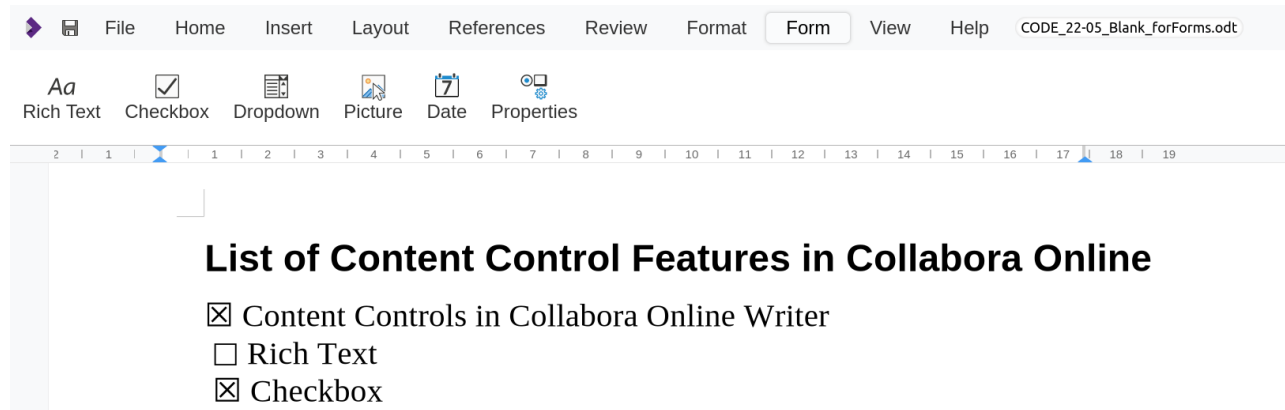
PDF form creation ...

·**Class beating PDF form export:**   ·**Improved form / a11y support**

Merged for
LibreOffice 7.5
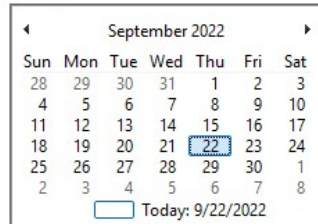
LibreOffice Technology

Collabora
Online
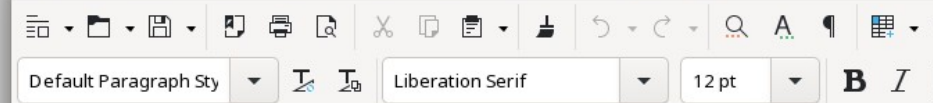
Impress color theme

·**A key interoperability win**

Chart – data tables …
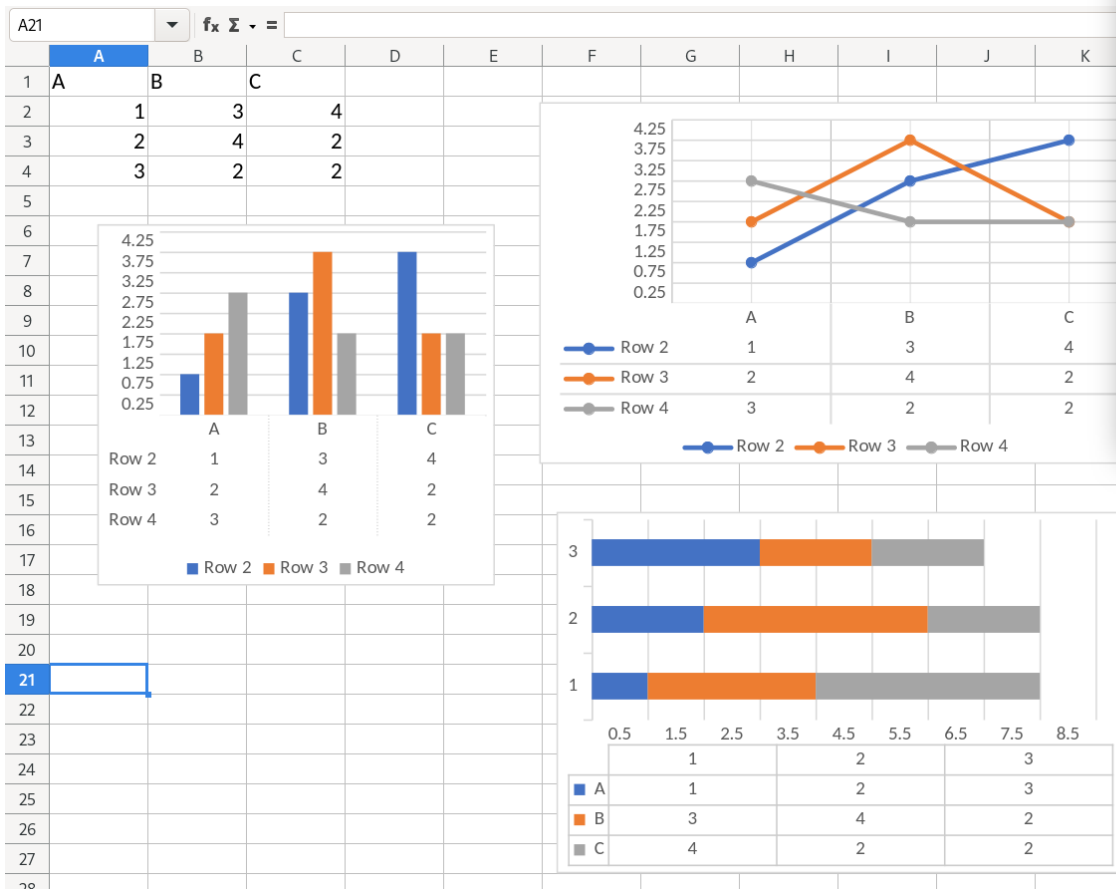
Data Table

☑ Show Data Table

Data Table Properties

☐ Show Horizontal Border

☐ Show Vertical Border

☐ Show Outline

☐ Show Keys

Help   Cancel   OK

Merged for
LibreOffice 7.5

DeepL built-in translation ...

PDF form creation ...

Class beating PDF form creation　　　　　　**Improved form / a11y support**

Collabora Online example wins

By LanguageTooler

LT Language Tool

Thanks to Adfinis for accelerating this work !

Daniel Naber's company:

- Focused on B2C & the web browser:

- LanguageTooler GmbH
  - Potsdam.

- Taking on Grammerly
- More info here

📄 **Insert Text**   📝 **Check Word Document** NEW   🔖 Save   ⧉ Copy   🗑 Delete   🇬🇧 English ⌄

LanguageTool is your intelligent writing assistant for all common browsers and word processors. Write or paste your text here too have it checked continuously. Errors will be underlined in different colours: we will mark seplling errors with red underilnes. Furthermore grammar error's are highlighted in yellow. LanguageTool also marks style issues in a reliable manner by underlining them in blu... ...s by double clicking a word? Its a impressively versatile tool, e.g. if youd like to tel... ...ppened at 5 PM in the afternoon on Monday, 27 May 2007.

⊙ Extraneous apostrophe   ✕

Did you mean the plural noun "errors" instead of the possessive?

errors

🔇 Ignore in this text

9+ writing issues found

623 characters, 104 words ⓘ

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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
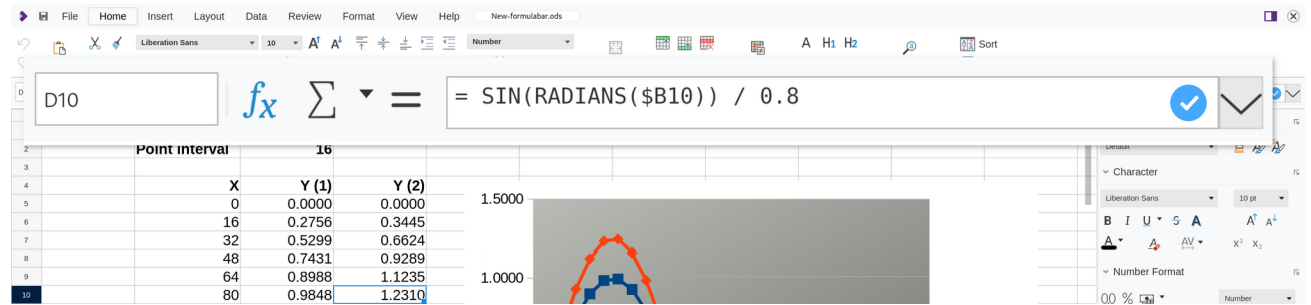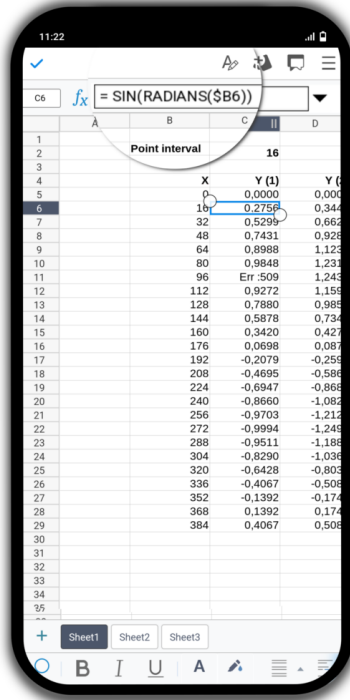
Accessibility Check

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

Richer dialog functionality left & right

·eg. SparkLine properties

·or File Properties

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   [Reset Properties]

☑ Save preview image with this document

☐ Image preferred DPI [▾]

[Help]   [Reset] [Cancel] [OK]
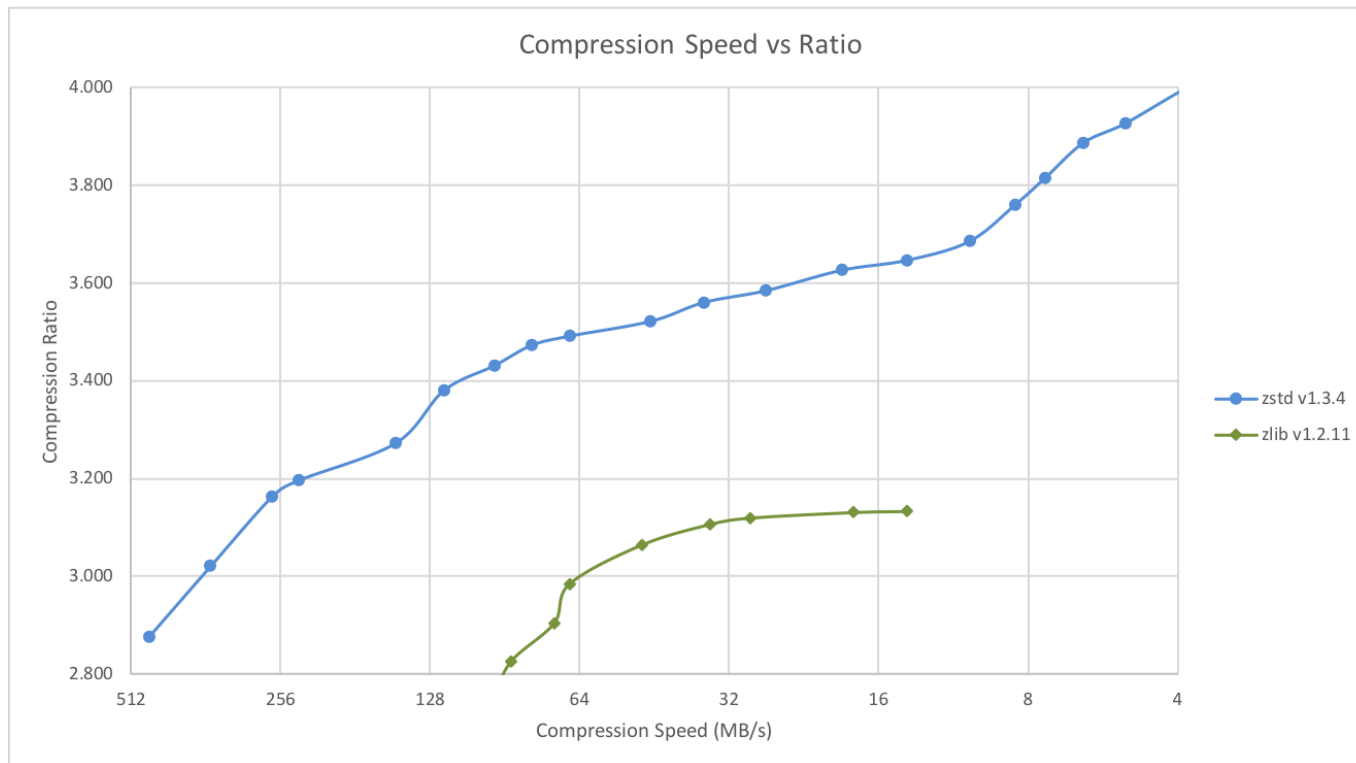
LibreOffice Technology

Collabora Online

Faster (zstd) tile compression + δ's

Thanks to Facebook for a better zlib.   **~5x lower CPU load for tile compression.**

Share
See history
Print   Run Macro   Download   Repair   Properties

Properties of "text"   ✕

General   Description   Font   Statistics

text.docx   Change Password

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

☑ Apply user data   Reset Properties

☑ Save preview image with this document
☐ Image preferred DPI

Help   Reset   Cancel   OK

Password options.

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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
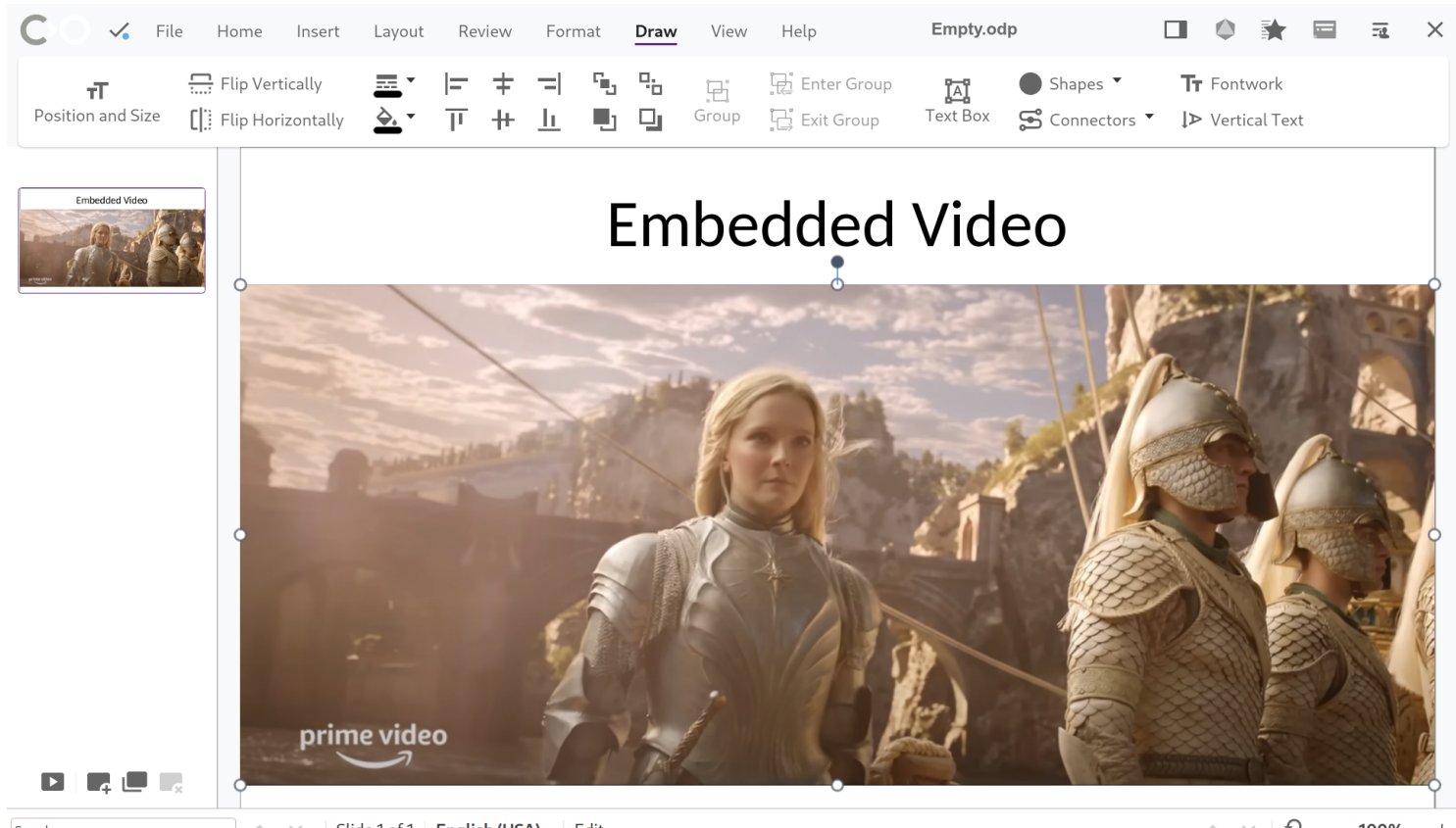
Help   Reset   Cancel   Export

LibreOffice Technology

Collabora Productivity

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!

Business & Technology
INCUBATOR

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
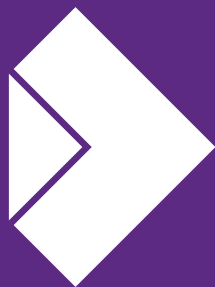
Make
Open
Source
ROCK

LibreOffice Technology

FOSDEM

Collabora Online

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

Thank you!

By Michael Meeks

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Join the team: col.la/join