

What's New in COOL 26.04

fixes, new features, accessibility and more ...

Michael Meeks
CEO Collabora Productivity



"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



Our Mission – aligned with Nextcloud

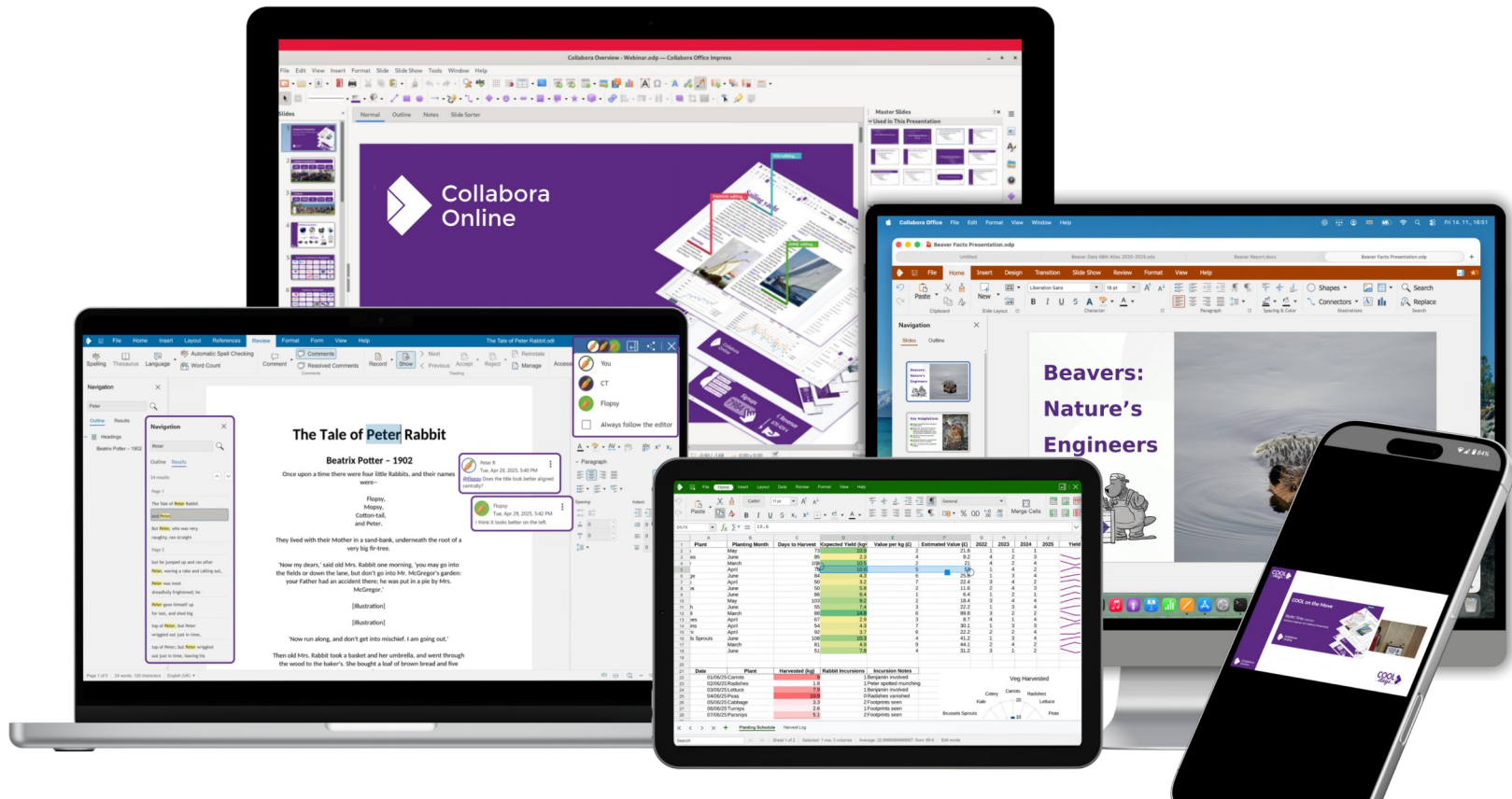
“Make Open Source
the de-facto
standard
in the industry”

“Make Open
Source Rock”

*(while also being a
sustainable, growing business)*



Our Products



1 Introduction: Why Beavers and Editors?

1.1 Shared Habitats, Shared Documents

Beavers live communally, sharing rivers and lodges to achieve more than one individual ever could. Likewise, Collabora Online thrives where many users enter the same digital habitat — a browser window — to collaborate on a single document. Nulla labor solitaria: each keystroke ripples outward like concentric waves in a pond.

1.2 Lodges and Log-ins

A beaver lodge has multiple entrances — some visible, some hidden under water. Document editors mirror this with secure authentication, offering entry only to those with the right keys. Ubi sign-in est, ibi habitat. With thoughtful UI/UX design, the entrance is not only safe, but also welcoming: users glide in, just as beavers

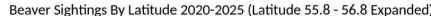



$$f_X \Sigma \triangleright =$$

NBN Trust 2025. The National Biodiversity Network (NBN) Atlas. <https://nbnatlas.org/>
NBN Atlas occurrence download at <https://nbnatlas.org> accessed on 23rd October 2025.

Records provided by Argyll Biological Records Centre, Bat Conservation Trust, British Dragonfly Society Recording Scheme, Centre for Environmental Data and Recording, Cefnod - North Wales Environmental Information Service, Environment Agency, Gloucestershire Centre for Environmental Records, Highland Biological Recording Group, Mammal Society, Merseyside BioBank, National Trust, National Trust for Scotland, Natural England, Natural History Museum, London, Natural Resources Wales, NatureScot, Orkney Wildlife Recording Group, Outer Hebrides Biological Recording, Royal Horticultural Society, Scottish Beavers, Scottish Wildlife Trust, Sussex Biodiversity Record Centre, The Wildlife Information Centre, accessed through the NBN Atlas website

NBN Atlas record ID	Licence	Rightsholder	Colour Scale 1	Colour Scale 2	Data Bar 3	Data Bar 4	Scientific name
ee326d5-3285-48c-8461-60964290546a	CC-BY	The Mammal Society	64.82	93.36	17.50	16.83	Castor fiber
f881c67b-f89e-4dda-913e-90d55876796d	OGL	NatureScot	45.73	56.64	34.38	40.71	Castor fiber
9439e22d-efce-4214-adf8-0b1ee166790f	OGL	NatureScot	84.86	66.31	56.08	70.50	Castor fiber
9d263a2d-0ee8-4ca0-9d9f-5416d0dbd8b5	CC-BY	Highland Biological	38.42	51.20	72.64	11.60	Elasmucha gris
8a3bf7db-a5a0-466f-80a4-71f0788c5c9c	OGL	NatureScot	35.29	22.39	42.79	97.56	Castor fiber
7b0d75a5-ba9b-4dec-324a-c8b9ed6e5d4f	OGL	NatureScot	61.58	71.88	7.49	21.17	Castor fiber
00709544-4442-4f52-9433-7dbac18f7e40	CC-BY	Highland Biological	98.74	70.28	Hydromys	Hydromys	Hydromys
fbdbb2d-962f-4720-9f0c-eca31f641c1	OGL	NatureScot	23.70	70.40	51.94	80.19	Castor fiber
5f41af1-bfa0-448b-a4e3-e998fa082dec	OGL	NatureScot	96.43	89.13	65.80	22.67	Castor fiber
0234c56-14da-418c-8b9b-ca15de8e38fc	OGL	NatureScot	42.86	98.09	52.15	19.92	Castor fiber
fd2fd463-eb7a-4dc6-a591-4ec547696470	OGL	NatureScot	62.84	40.92	17.13	1.38	Castor fiber
f1c1a1b-87a1-4f0a-af10-32219650d4b4	OGL	NatureScot	35.90	92.63	26.12	57.83	Castor fiber
fd202947-a919-43d8-a91f-67366253567f	OGL	NatureScot	76.26	69.84	44.45	12.30	Castor fiber
f8b1e978-2071-4185-97ca-61f51d31825a	OGL	NatureScot	8.96	68.38	15.93	44.07	Castor fiber
f88041be-0f58-4dd6-8738-5f1c5a116ac1	OGL	NatureScot	92.30	47.87	2.12	62.84	Castor fiber
fb7e13c1-04d9-4165-9a0d-47d850ebf643	OGL	NatureScot	95.76	80.86	10.95	83.72	Castor fiber



Navigation

Slides Outline

Customer Testimonials

Collabora Online
Secure Document Collaboration

What is Collabora Online?

- Web-based document collaboration
- Viewing and collaborative editing
- Integration with Microsoft formats
- Access files, PDF files, etc. via web
- Import filters and viewing for PDF, Visio, Publisher and many more
- Powerful WYSIWYG rendering
- On-premise integration

MEMORANDUM

INTRODUCTION

BACKGROUND

Key Points of Legislation

Enhanced reporting requirements

• Increased penalties for non-compliance

• Increased penalties for non-compliance

Previous Compliance Measures

The company had previously implemented basic training and annual audits.

8/42

What is Collabora Online?

- Documents + Spreadsheets + Slides + Drawings
 - Viewing and collaborative editing
 - Feature rich
- Interoperability with Microsoft formats
 - docx, doc, rtf, xlsx, xls, pptx, ppt
- Import filters and viewing for PDF, Visio, Publisher and many more
- Powerful WYSIWYG rendering
- On-premise integration

Drawings

Presentations

Spreadsheets

Collabora Productivity

Text documents

8/42

Slide

Format: Screen 16:9

Orientation: Landscape

Background: None

Master Slide: Purple Side Header

☒ Master Background

☒ Master Objects

Master View

Layouts

100%



Navigation

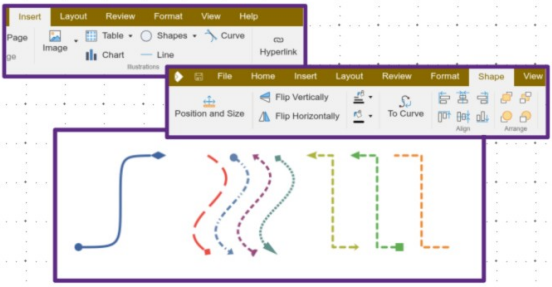
Slides Outline



Curves, Lines and Arrows

Customise lines and connectors with extensive styling options including thickness, colour, dash patterns, and arrow styles. Insert a Line or Curve through the Insert tab, then format, align and arrange through the contextual Shape tab.

Access comprehensive line formatting through the Sidebar panel or right-click on the line and select **Line**. Choose from solid, dashed, dotted, and custom patterns. Adjust line thickness from hairline precision to bold emphasis strokes. Transform smart connectors into editable curves. Right-click connectors and select **Convert to Curve** to unlock **Bezier** editing capabilities.



Ruler Tool

Use the horizontal ruler for precise object positioning and measurement. Rulers display the current cursor position and object dimensions and can be used in conjunction with the guide lines that appear when moving objects. Turn rulers on by selecting **View tab > Ruler**.



Snap to Grid

For precise object positioning and consistent spacing throughout your drawings enable snap-to-grid functionality. Access grid settings through the **View tab > Snap to Grid** and **View tab > View Grid** to enable snapping behaviour. Objects automatically align to intersections when moved or created, eliminating guesswork in positioning.

Draw Keyboard Shortcuts

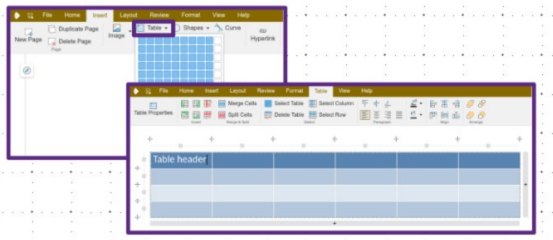
Draw Page Keyboard Shortcuts	
Escape current mode, i.e. from edit mode switch to object selection mode, from object selection mode switch to view mode.	Esc
Select objects in the order in which they were created.	Tab
Select objects in the reverse order in which they were created.	Shift + Tab
Move to the next text object on the page.	Ctrl + Enter
Select all objects in the drawing page.	Ctrl + A

Function Keys for Draw	
Add or edit text.	F2
Zoom in and out.	Ctrl + mouse wheel
Group selected objects.	Ctrl + Shift + G
Ungroup selected objects.	Ctrl + Shift + Alt + A
Combines selected objects.	Ctrl + Shift + K
Bring object to front.	Ctrl + Shift + ++
Bring object forward.	Ctrl + ++
Send object backwards.	Ctrl + --
Send object to back.	Ctrl + Shift + --
Move object.	Arrow Key
Previous page.	Ctrl + Arrow Left
Next page.	Ctrl + Arrow Right

Table Support

Insert fully functional tables directly into your drawings for structured data presentation like specifications. From the **Insert** tab click the **Table** button and drag out the size of table you require. Quickly style your table using the **Table Design** presets; use the **tickboxes** to quickly add or remove highlights.

Use the **Table** tab to further customise your table with cell formatting, borders, and colours to match your design aesthetic, as well as adding, removing, merging and splitting cells.



Draw Keyboard Shortcuts

Text Selection and Navigation	
Select All	Ctrl + A
Move the cursor left	Arrow Left
Move the selection left	Shift + Arrow Left
To the beginning of a word	Ctrl + Arrow Left
Select word by word left	Ctrl + Shift + Arrow Left
Move the cursor right	Arrow Right
Move the selection right	Shift + Arrow Right
Go to start of the next word	Ctrl + Arrow Right
Select word by word right	Ctrl + Shift + Arrow Right
Move the cursor up a line	Arrow Up
Select lines upwards	Shift + Arrow Up
Move the cursor to the start of the previous paragraph	Ctrl + Arrow Up
Select everything to the start of the paragraph	Ctrl + Shift + Arrow Up
Move the cursor down	Arrow Down
Select lines downwards	Shift + Arrow Down
Move the cursor to the start of the next paragraph	Ctrl + Arrow Down
Select everything to the end of the paragraph	Ctrl + Shift + Arrow Down
Go to the start of a line	Home
Go and select to the beginning of a line	Shift + Home
Go to the start of a document	Ctrl + Home
Go and select text to the beginning of the document	Ctrl + Shift + Home
Go to the end of the line	End
Go and select to the end of a line	Shift + End

General Keyboard Shortcuts	
Undo	Ctrl + Z
Redo	Ctrl + Y
Cut	Ctrl + X
Copy	Ctrl + C, Ctrl + Insert
Paste without formatting	Ctrl + Shift + V
Paste special	Ctrl + Alt + Shift + V
Print (or download PDF)	Shift + P
Display shortcuts help	Ctrl + Shift + ?
Focus to menu	Alt + Shift + F1
Focus to document	ESC
Focus to comment	Alt + C
Select all	Ctrl + A

Text Formatting	
Bold	Ctrl + B
Italic	Ctrl + I
Underline	Ctrl + U
Double Underline	Ctrl + D
Strikethrough	Ctrl + Alt + S
Superscript	Ctrl + Shift + P
Subscript	Ctrl + Shift + B
Remove direct formatting	Ctrl + M

Paragraph Formatting	
Align Center	Ctrl + E
Align Left	Ctrl + L
Align Right	Ctrl + R
Justify	Ctrl + J
Demote list item	Tab
Promote list item	Shift + Tab

Initial AI Support

- ✓ Off by default
- ✓ You can use any AI model you want
- ✓ If enabled, we still don't share the document with the AI model
- ✓ Document content is **only shared if you select it and actively choose** to share with the model
- ✓ Collabora Online asks for **approval** of what it will do **before** making any **edits** your document
- ✗ We don't want your data!

Initial AI Support - Writer

AI assistant in sidebar

The screenshot displays the Collabora Online Writer interface. The top ribbon includes tabs for File, Home, Insert, Layout, References, Review, Format, Form, View, Extensions, and Help. The document title is 'Collabora-Writer-WorldCup2026.docx'. The main content area shows a document titled 'World Cup 2026 Edition' with a subtitle 'Canada · Mexico · United States · June-July 2026'. The document content includes a section '1. Styles & Typography' and a 'Tournament Overview' section. The sidebar on the right contains the 'AI Assistant' panel, which has a search bar and three buttons: 'Make the following text more concise', 'Summarize the key points of this text', and 'Expand and add more detail to this text'. Below these buttons is a 'See more' link. At the bottom of the sidebar, there is a section for 'Fact check this section for accuracy' with a 'Short' button and a 'Fact check' button. A footer bar at the bottom shows 'Page 1 of 5', 'Selected: 108 words, 604 characters', 'Comments: Off', 'English (UK)', and a zoom level of '120%'.

World Cup 2026 Edition
Canada · Mexico · United States · June-July 2026

1. Styles & Typography

Collabora Online Writer supports a full paragraph and character style system, allowing teams to enforce consistent branding across every document — without any direct formatting. The example below uses a three-level heading hierarchy, justified body text, and a custom accent palette derived from the Collabora brand guidelines.

Tournament Overview

The 2026 World Cup is going to be the largest in the tournament's history, featuring 48 nations competing across 104 matches over 39 days. Hosted jointly by Canada, Mexico, and the United States, it marks the first time a World Cup has been staged across three nations.

Key Tournament Facts

- Teams: 48 (expanded from 32 for the first time)
- Teams: 48
- Groups: 12 groups of four teams
- Matches: 104 total
- Host cities: 16 — 11 USA, 3 Mexico, 2 Canada
- Opening match: Mexico vs South Africa — Estadio Azteca, Mexico City — June 11
- Final: New York/New Jersey Stadium (MetLife) — July 19, 2026
- Defending champion: Argentina (Qatar 2022)

Writer Tip: Define all heading styles once in your Style Gallery, then apply them with a single click or keyboard shortcut. Every heading in this document was set with styles (Title, Heading 1, Heading 2...) — no direct formatting needed.

AI Assistant

Ask AI anything about your document

Make the following text more concise

Summarize the key points of this text

Expand and add more detail to this text

See more

Using selected text as context

Fact check this section for accuracy

Short

Content generated by an external AI service (gpt-5.4-mini). Please review before use.

Page 1 of 5 | Selected: 108 words, 604 characters | Comments: Off | English (UK) | 120%



Ask AI anything about your document

Make the following text more concise

Summarize the key points of this text

Expand and add more detail to this text

[See more](#)

✦ Using selected text as context

Fact check this section for accuracy

Set tone ▼



Content generated by an external AI service (gpt-5.4-mini). Please review before use.

*The 2026 World Cup is the largest in the tournament's history, featuring 48 nations competing across 104 matches over 39 days. Hosted jointly by Canada, Mexico, and the United States, it marks the first time a World Cup has been staged across three nations. **Key Tournament Facts***

Fact check this section for accuracy



✦ Using selected text as context

Ask AI...

Set tone ▼



Content generated by an external AI service (gpt-5.4-mini). Please review before use.

competing across 104 matches over 39 days. Hosted jointly by Canada, Mexico, and the United States, it marks the first time a World Cup has been staged across three nations.

Key Tournament Facts

Fact check this section for accuracy

I'll check the selected text for factual accuracy and suggest corrected wording where needed.

Here's a fact-check of the section:

What's accurate

- **2026 World Cup is the largest in history** — correct.
- **48 nations** — correct.
- **104 matches** — correct.
- **Hosted jointly by Canada, Mexico, and the United States** — correct.
- **First World Cup staged across three nations** — correct.
- **12 groups of four teams** — correct.
- **Host cities: 16** — 11 USA, 3 Mexico, 2

✦ Using selected text as context

Ask AI...

Set tone ▼



Content generated by an external AI service (gpt-5.4-mini). Please review before use.

Initial AI Support - Spreadsheets

The screenshot shows a spreadsheet application with a table of player statistics. The formula bar for cell K6 displays `=IF(E6=0,0,F6/E6)`. An error message box is open over cell K6, which contains the text **#VALUE!** and the description **#VALUE! Error: No value**. The error box offers four options: "Help on this error", "Inspect with Function Wizard", "Edit in Formula Bar", and "Help fix this error with AI". The "Help fix this error with AI" option is highlighted by a mouse cursor.

The AI Assistant panel on the right provides a detailed diagnosis of the error:

Diagnose formula error in K6:
`=IF(E6=0,0,F6/E6)`

The error comes from **F6**.
Your formula in **K6** is:
`=IF(E6=0,0,F6/E6)`

Since **E6** is 24, the formula evaluates the third part: `F6/E6`.

But **F6** contains text "-" instead of a number, so Calc tries to divide a text value by 24, which causes the #VALUE! error.

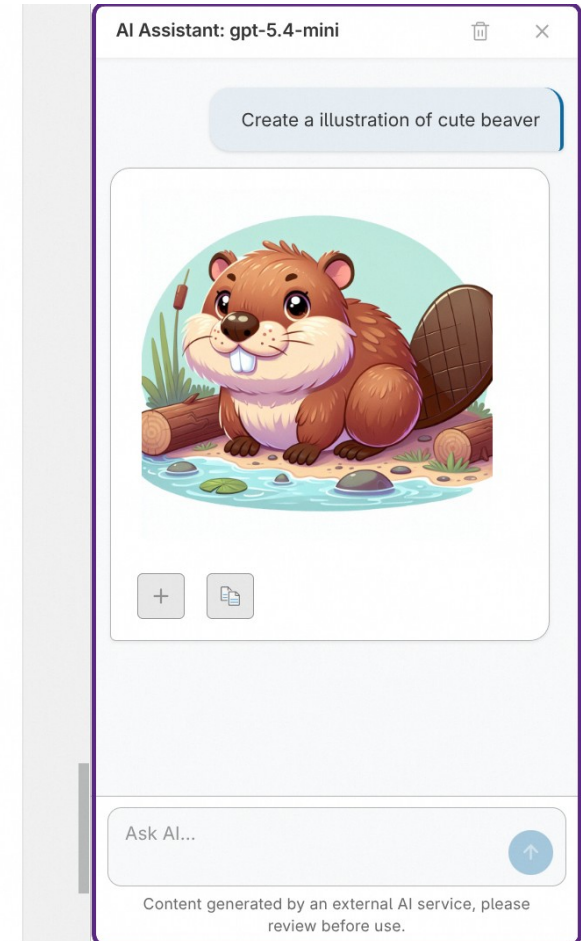
Root cause

- E6** = 24 → `E6=0` is false
- Formula uses `F6/E6`
- F6** is text "-"
- Text cannot be used as a numeric divisor/dividend in this calculation

At the bottom of the AI Assistant panel, there is a section for "Ask AI..." with a "Set tone" dropdown and a green circular button with an upward arrow. A disclaimer at the bottom states: "Content generated by an external AI service (gpt-5.4-mini). Please review before use."

	Matches	Goals	Assists	Minutes	Yell.	Reds	
4							
5	24	-	5	1893	4	0	#VALUE!
6	19	15	3	1620	3	0	
7	13	14	5	988	1	0	
8	6	13	2	540	0	0	
9	14	12	7	1007	2	1	
10	20	10	6	1705	4	0	
11	12	10	1	1080	2	1	0.83
12	22	8	1	1943	6	0	0.36
13	26	8	3	2314	7	0	0.31
14	14	8	2	1260	2	0	0.57
15	7	3	2	603	1	0	0.43
16							
17							

AI Image Generation



Slide Generator

Create 3 slides to show everyone how awesome Collabora Online is within Nextcloud Office

😊 Friendly ▼

Content generated by an external AI (GPT-4o mini). Please review before use.

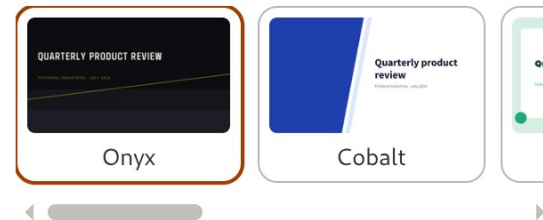
Send message

60%

- Make changes to the outline
- Edit titles and body text
- Remove slides
- Insert presentation

Here is a proposed outline. Edit the titles or descriptions, remove slides you do not want, then approve to build the deck:

Design (optional):



1. opening - title

Collabora Online + Nextcloud

Open with a bold title slide that positions Collabora Online as the perfect office suite for Nextcloud users. Keep the message short and energetic, with a subtitle that hints at seamless collaboration.

2. body - bullets

Work Together in Real Time

Slide Generator

*actual slides created

The screenshot shows the Collabora Office presentation editor interface. The top ribbon includes tabs for File, Home, Insert, Design, Transition, Slide Show, Review, Format, View, and Help. The main editing area displays a slide with a dark background and yellow text. The slide is titled 'Why It Stands Out' and 'The Alternative?'. The left sidebar shows a navigation pane with four slides, the third of which is selected. The bottom status bar indicates 'Fast, Private, Productive'.

Why It Stands Out

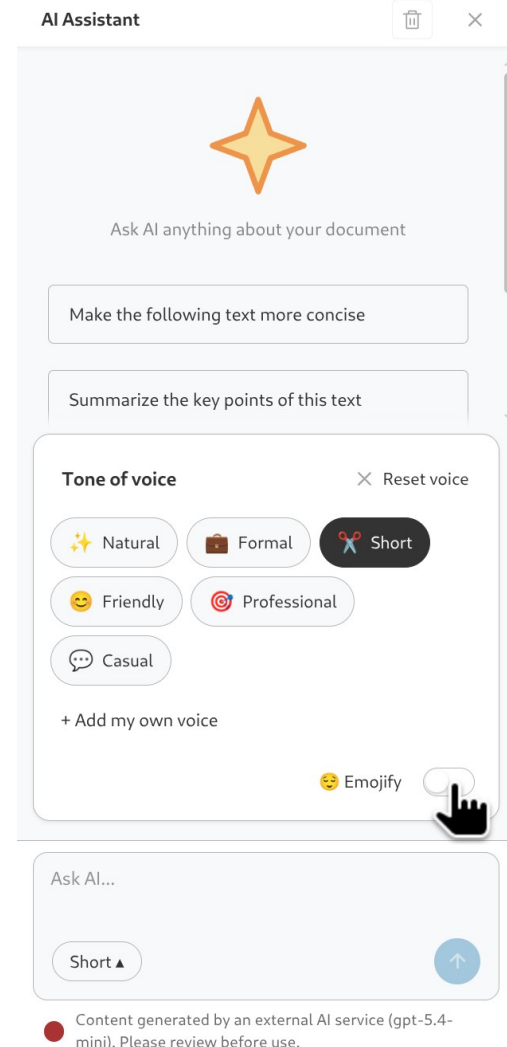
- **Collabora Online in Nextcloud** keeps your files private and under your control
- Built on **open standards** for long-term document compatibility
- Feels native with **deep Nextcloud integration**
- Handles common office formats smoothly, with fewer surprises

The Alternative?

- Generic file editor experience often means more app switching
- Privacy and control can depend on external services
- Compatibility may be uneven across document types
- Integration is usually lighter, so the workflow feels less connected

Full Control to You

- Use **different models for different tasks**
 - One model for text, another for image
- Can be **hosted locally/on-premises**
 - Keep prompts and data under their own control
- Support for **smaller and self-hosted models**
- **Control the output** with tone selection, even options to “Emojify”!



New in Writer

Multi-page View

Beaver Report.docx

Home Insert Layout References Review Format Form View Help

Clipboard Font Paragraph Styles Search

4 Chewing Through Branches: Conflict Resolution

4.1 Parallel Gnaws, Parallel Edits

Two beavers may gnaw the same tree; two users may edit the same document. *Conflictus* fit inevitabilis. Yet with structured negotiation — whether by tail slap or document repair dialogue — both nature and software find harmony.

4.2 Merge Conflicts in the Wild

In the forest, the tree will fall to one side. In a document, the text must also resolve to one final branch. Collabora Online ensures that edits are *synchronized* in real-time, reducing friction and smoothing the current. *Nulla stagnatio, nulla chaos.*

4.3 Consensus by Water Flow

Ultimately, the river decides. Likewise, in online editing, the flow of collaboration brings consensus. UI/UX improvements — contextual toolbars, responsive layouts, adaptive design — ensure that resolution feels natural, like water finding its way downhill.

5 Waterproof Collaboration: Multi-Tenant Lodges

5.1 Shared Spaces, Separate Rooms

Within one lodge, several families may co-exist. Within one Collabora Online deployment, multiple *organizations* cohabit the same *containerized* infrastructure. Each has its room, yet all benefit from shared stability. Multi-tenant *ipsum, semper integratum.*

5.2 Stateless Streams

Beaver dams store water, but not memory; the current always moves. In *containerized* editing, state is distributed and recoverable, not tied to a single machine. This allows scalability: lodges can grow, clusters can expand, rivers can widen without losing flow.

5.3 Always Online, Always Afloat

A good lodge resists floods; a good platform resists downtime. Collabora Online is designed for high availability; documents remain accessible, edits propagate instantly, users float together even across turbulent waters.

6 Beaver vs Document Editor Chart

Category	Beavers	Collabora Online	Competitors
Scalability	High	Medium	Low
Collaboration	Medium	High	Low
Security	High	Medium	Low
Interoperability	Low	High	Medium

7 Security by Nature: Teeth, Trees, and TLS

7.1 Incisors as Intrusion Detection

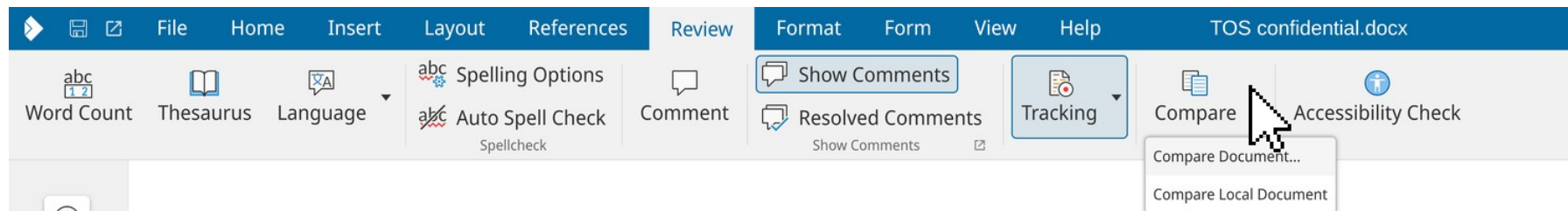
Beaver incisors grow continuously, sharpened to defend against threats. In digital collaboration, TLS encryption and container isolation function the same way: ever-ready, ever-strong, guarding the lodge from intrusion.

7.2 Mud Walls and Firewalls

Beavers reinforce lodges with mud, sealing cracks and gaps. In technology, firewalls and layered access controls protect against breaches. *Ubi cauda tunditur, ibi securitas servatur.*

Page 1 of 7 | 1,170 words, 7,953 characters | English (UK) | 70%

Document Comparison



NOTICE OF TERMS AND CONDITIONS OF SERVICE

February 5th

1.Introductory Provisions: By utilizing the Services, you (hereinafter referred to as "User") acknowledge that you hav ~~ehave~~ read, comprehend, and acquiesce to be bound by the Terms of Service (hereinafter referred to as "TOS"), as well as any supplementary guidelines, policies, or operational parameters that may be promulgated from time to time.

2.Definitions and Interpretations: For the purposes of these TOS, the following terminology shall be construed as follows: "Services" shall denote the entirety of functionalities, utilities, amenities provided by the Service Provider; "Service Provider" shall refer to the entity responsible for the administration, maintenance, and provision of the Services; "User Content" shall

Document Comparison

Collabora Office

Document Comparison Interface showing two versions of a document: Initial Version and Current Version.

Initial Version:

NOTICE OF TERMS AND CONDITIONS OF SERVICE February 5th 1st 2026

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- o Definitions and interpretations from 2026 – to be updated.
- o Prepare interpretations for 2027.
- o Definitions and interpretations from 2026 – to be updated.
- o Prepare interpretations for 2027.

2.1 Definitions and interpretations in 2026: to be updated.

3.Grant of License: Subject to the User's adherence to these TOS, the Service Provider hereby grants to the User a non-exclusive, non-transferable, and revocable license to access and utilize the Services, solely for the User's personal, non-commercial purposes.

4.[2.] User Obligations: The User agrees to:

- a. Maintain Confidentiality: Preserve the confidentiality of any passwords, usernames, or other authentication credentials associated with the User's account; Comply with Applicable Laws: Utilize the Services in conformity with all applicable laws, statutes, regulations, and ordinances;
- b. Comply with Applicable Laws: Utilize the Services in conformity with all applicable laws, statutes, regulations, and ordinances; Maintain Confidentiality: Preserve the confidentiality of any passwords, usernames, or other authentication credentials associated with the User's account;
- c. Provide Accurate Information: Furnish accurate, complete, and up-to-date information in conjunction with the registration process and ongoing utilization of the Services;
- d. Refrain from Prohibited Activities: Abstain from engaging in any activities that may be deemed detrimental to the Services, the Service Provider, or other Users, including but not limited to:

Current Version:

NOTICE OF TERMS AND CONDITIONS OF SERVICE February 5th 1st 2026

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Moved (insertion): Christine - 01/30/2026 10:51:15

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Page 1 of 2 | 647 words, 4,343 characters | English (USA) | 100%

Search from Navigator

Navigation

beavers

Find and Replace

Outline Results

Result 1 of 6

Page 1

As ecosystem engineers, beavers modify habitat availability for other

Page 3

H. (2005). Ecological impact of beavers

Castor fiber and Castor canadensis and

Gaywood, M. J. (2016).

The impacts of beavers on

biodiversity and the ecological

Page 4

(2021). Ecosystem services provided by beavers. Mammal Review, 51(1), 25–39.

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Eager: The Surprising, Secret

Life of Beavers and Why

Hydrological and biodiversity response to reintroduced Eurasian beaver (*Castor fiber*) in a lowland British catchment: an eighteen-month progress assessment

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ABSTRACT

The reintroduction of the Eurasian beaver has been proposed as a low-cost, self-sustaining intervention for restoring natural flow regulation and wetland biodiversity to degraded lowland rivers. We report an eighteen-month assessment of a soft-release programme in the Riverwood catchment, in which two founding pairs established four breeding territories. Beaver engineering raised local water tables, impounded an estimated 4,200 m³ of water behind 23 dams, and was associated with a 28% reduction in modelled storm-peak discharge and a nine-hour delay in peak arrival. Standardised surveys recorded increases in amphibilian, odonate, wetland-bird and aquatic-plant richness within impounded reaches, alongside the return of the water vole. We discuss localised conflicts with landowners and the mitigation measures adopted, and outline priorities for the next monitoring period.

Keywords: rewilding · ecosystem engineer · flood attenuation · *Castor fiber* · wetland biodiversity · natural flood management

1 INTRODUCTION

Across much of lowland Britain, centuries of channelisation, land drainage and floodplain disconnection have left river systems that shed water rapidly, flood destructively, and support a fraction of their former biodiversity. Restoring these functions through conventional engineering is expensive and rarely self-maintaining. The Eurasian beaver (*Castor fiber*)² offers an alternative: a keystone herbivore whose dam-building and canal-digging create precisely the wet, structurally complex habitats that management otherwise struggles to reproduce.

The species was hunted to extirpation across Britain by the sixteenth century, valued for its fur, meat and castoreum. Its subsequent absence removed a major source of natural disturbance from freshwater systems, and many of the wetland habitats that depended on beaver activity contracted or disappeared. This paper reports the first year of the Riverwood project, an experimental reintroduction of beavers to a lowland British catchment, aiming to restore natural flow regulation and wetland biodiversity. We present interim findings from an eighteen-month assessment of the Riverwood programme. We combine high-resolution hydrographic records, standardised surveys of riparian biodiversity, and field observations of beaver activity to assess the initial impact of the project. We discuss the challenges of reintroducing a keystone engineer to a managed landscape, and the potential for beaver-led restoration to enhance resilience and biodiversity in degraded river systems.

2 STUDY AREA AND METHODS

2.1 Site and release

The Riverwood catchment (area ≈ 42 km²) drains a mixed agricultural and semi-natural landscape. Two adult pairs were released under a soft-release protocol³ in autumn 2024. Animals were free to disperse after enclosure opening, and territory occupancy was tracked by field sign, remote camera and opportunistic observation.

2.2 Hydrometry

Discharge was recorded at the Cair Weir gauge at fifteen-minute resolution. Storm-event peaks were compared against a calibrated rainfall-runoff model representing pre-restoration conditions. Impoundment volumes were estimated from dam surveys and differential GPS of pond extents.

3 RESULTS

3.1 Hydrology

Beaver engineering raised local water tables, impounded an estimated 4,200 m³ of water behind 23 dams, and was associated with a 28% reduction in modelled storm-peak discharge and a nine-hour delay in peak arrival. Standardised surveys recorded increases in amphibilian, odonate, wetland-bird and aquatic-plant richness within impounded reaches, alongside the return of the water vole. We discuss localised conflicts with landowners and the mitigation measures adopted, and outline priorities for the next monitoring period.

3.2 Biodiversity responses

Standardised surveys recorded increases in amphibilian, odonate, wetland-bird and aquatic-plant richness within impounded reaches, alongside the return of the water vole. We discuss localised conflicts with landowners and the mitigation measures adopted, and outline priorities for the next monitoring period.

4 DISCUSSION

The reintroduction of the Eurasian beaver has been proposed as a low-cost, self-sustaining intervention for restoring natural flow regulation and wetland biodiversity to degraded lowland rivers. We report an eighteen-month assessment of a soft-release programme in the Riverwood catchment, in which two founding pairs established four breeding territories. Beaver engineering raised local water tables, impounded an estimated 4,200 m³ of water behind 23 dams, and was associated with a 28% reduction in modelled storm-peak discharge and a nine-hour delay in peak arrival. Standardised surveys recorded increases in amphibilian, odonate, wetland-bird and aquatic-plant richness within impounded reaches, alongside the return of the water vole. We discuss localised conflicts with landowners and the mitigation measures adopted, and outline priorities for the next monitoring period.

5 CONCLUSIONS

The reintroduction of the Eurasian beaver has been proposed as a low-cost, self-sustaining intervention for restoring natural flow regulation and wetland biodiversity to degraded lowland rivers. We report an eighteen-month assessment of a soft-release programme in the Riverwood catchment, in which two founding pairs established four breeding territories. Beaver engineering raised local water tables, impounded an estimated 4,200 m³ of water behind 23 dams, and was associated with a 28% reduction in modelled storm-peak discharge and a nine-hour delay in peak arrival. Standardised surveys recorded increases in amphibilian, odonate, wetland-bird and aquatic-plant richness within impounded reaches, alongside the return of the water vole. We discuss localised conflicts with landowners and the mitigation measures adopted, and outline priorities for the next monitoring period.

ACKNOWLEDGEMENTS

We thank the Bioscience Wildlife Trust, the Department of Catchment Science, the Regional Rivers Authority, and the University of the North Downs for their support. We also thank the local community for their interest and assistance.

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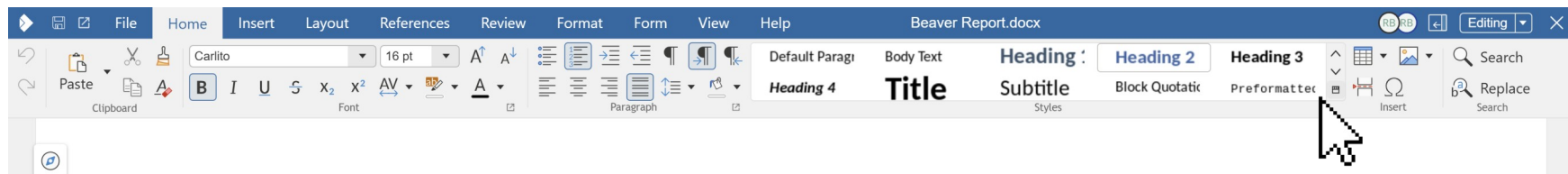
Ellersley, M., Thornbury, A. R., Okonko, J., & Vasquez, P. (2026). The reintroduction of the Eurasian beaver (*Castor fiber*) to a lowland British catchment: An interim report. *Journal of Restoration Ecology & River Systems*, 14(2), Article 6. Demonstration issue.

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Okonko, J., Ellersley, M., Thornbury, A. R., & Vasquez, P. (2026). The reintroduction of the Euras

Style Previews

Now with expandable tab



1 Introduction: Why Beavers and Editors?

1.1 Shared Habitats, Shared Documents

Beavers live communally, sharing rivers and lodges to achieve more than one individual ever could. Likewise, Collabora Online thrives where many users enter the same digital habitat — a browser window — to collaborate on a single document. Nulla labor solitaria: each keystroke ripples outward like concentric waves in a pond.

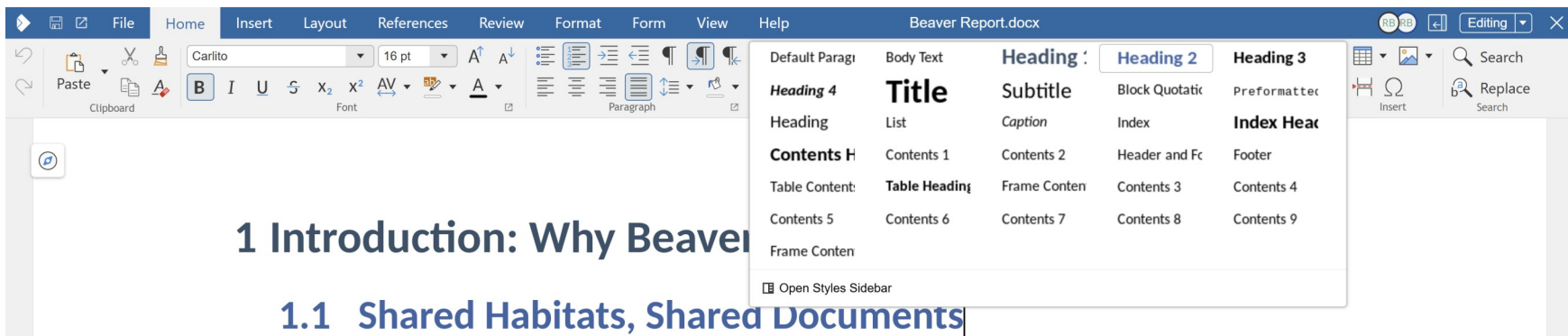
1.2 Lodges and Log-ins

A beaver lodge has multiple entrances — some visible, some hidden under water. Document editors mirror this with secure authentication, offering entry only to those with the right keys. Ubi sign-in est, ibi habitat. With thoughtful UI/UX design, the entrance is not only safe, but also welcoming: users glide in, just as beavers



Style Previews

Now with expandable tab



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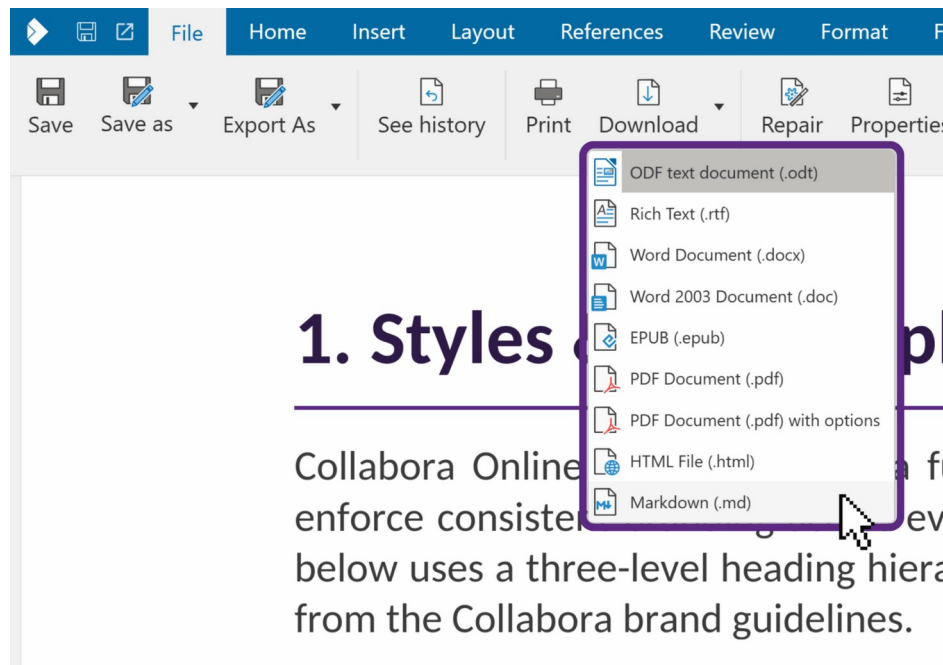
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More in Writer

- **Markdown** import and export
- **Markdown to PDF** templating
- Export **PDFs with comments**
- 'Review' mode
(UserCanOnlyManageRedlines)
- Improved screen usage with
document position and zoom
levels



New in Calc

Per-user Sheet Views

Apply filters without
disrupting others

Temporary View 1
Sheet View

Freeze First Column
Freeze First Row
Focus Cell
Full Screen
Reset zoom
Zoom Out
Zoom In
Compact view
Status Bar
Dark Mode
Sidebar
Navigator

NBN Trust 2025. The National Biodiversity Network (NBN) Atlas. <https://nbnatlas.org/>
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Records provided by Argyll Biological Records Centre, Bat Conservation Trust, British Dragonfly Society Recording Scheme, Centre for Environmental Data and Recording, Cofnc Highland Biological Recording Group, Mammal Society, Merseyside BioBank, National Trust, National Trust for Scotland, Natural England, Natural History Museum, London, Natur Society, Scottish Beavers, Scottish Wildlife Trust, Sussex Biodiversity Record Centre, The Wildlife Information Centre, accessed through the NBN Atlas website

NBN Atlas record ID
Licence
Rights holder
Example Data
Colour Scale 1
Colour Scale 2
Data Bar 3
Data Bar 4
Sparkline

Sort Ascending
Sort Descending
Sort by Colour
Filter by Colour
Filter by Condition
All
Lock
CC-BY
CCO
OGL
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NBN Atlas record ID	Licence	Rights holder	Example Data Colour Scale 1	Example Data Colour Scale 2	Example Data Data Bar 3	Example Data Data Bar 4	Example Data Sparkline
ee3f26d5-3285-48c6-8461-60934	CC-BY	The Mammal Society	23.08	27.00	92.07	2.07	
9d263a2d-0ee8-4ca0-9d9f-54f1d	CC-BY	Highland Biological	88.15	20.38	92.06	60.95	
67e07086-4c4d-4f52-9433-7d613	CC-BY	Highland Biological	12.91	63.43	71.43	41.09	
fdd637a5-97ff-4c28-ab89-cac0b	CC-BY	The Mammal Society	81.52	20.75	97.55	11.93	
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cf7629a8-c1b5-4610-aafd-82515	CC-BY	Highland Biological	10.57	64.18	46.93	49.48	
551df24a-1b5e-4a3c-9e17-b86e6	CC-BY	Highland Biological	34.97	31.34	33.19	65.44	
b0160702-9fc0-46d7-9b8d-9e612	CC-BY	The Mammal Society	90.17	98.26	0.16	96.18	
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de13fd2c-e799-4546-b216-b071b3551b70	CC-BY	The Mammal Society	52.72	74.22	4.45	67.05	
0cba4030-6036-45cc-b8fc-ec5a313e96a3	CC-BY	Highland Biological	21.82	38.95	65.32	46.16	
08b5ae09-892d-4af6-9d88-9070adc7c25b	CC-BY	The Mammal Society	92.41	93.92	34.23	84.52	
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77bb66b1-6762-4385-87cf-2fec2b7e13db	CC-BY	The Mammal Society	48.87	92.87	8.00	86.56	
be523ab5-8c10-482b-bbbf-771f6698d885	CC-BY	The Mammal Society	86.57	47.85	29.80	27.49	
26c52f83-f740-40f5-85d6-df2c0a21bb3a	CC-BY	The Mammal Society	25.07	8.63	64.69	60.05	

Pivot Tables

Now with 'Calculated Fields'

World_Cup_2013_data_003.xlsx

Pivot Table Pivot Calculated Field Delete Table Illustrations Hyperlink Smart Picker Date Time Define Manage Text Headers and Footers

Pivot Table $\sum$ =

	A	B	C	D	E	F	G	H	I
1			Nation	Data					
2			Argentina		Brazil		Germany		W. Germany
3	Player	Apps	Sum - Goals	Sum - Goals per Appearance	Sum - Goals	Sum - Goals per Appearance	Sum - Goals	Sum - Goals per Appearance	Sum - Goals
4	Ademir	6			9	1.50			
5	Cristiano Ronaldo	22							
6	Eusébio	6							
7	Gabriel Batistuta	12	10	0.83					
8	Gary Lineker	12							
9	Gerd Müller	13							
10	Helmut Rahn	9							
11	Jürgen Klinsmann	17							
12	Just Fontaine	6							
13	Ulf-Heinz Rummenigge	10							
14	Lionel Messi	26	8	0.31					
15	Miroslav Klose	24							
16	Pelé	14							
17	Ronaldo	19							
18	Sándor Kocsis	5							
19	Teófilo Cubillas	13							
20	Thomas Müller	20							
21	Uwe Seeler	21							
22	Total Result		18	0.47					
23									

Insert Calculated Field

Name: Goals per Appearance

Formula: `= 'Goals' / 'Apps'`

Fields:

- #
- Player
- Nation
- Tournaments
- Apps
- Goals

Insert Field

Help Cancel OK

Table Styles

Further UI refinements coming

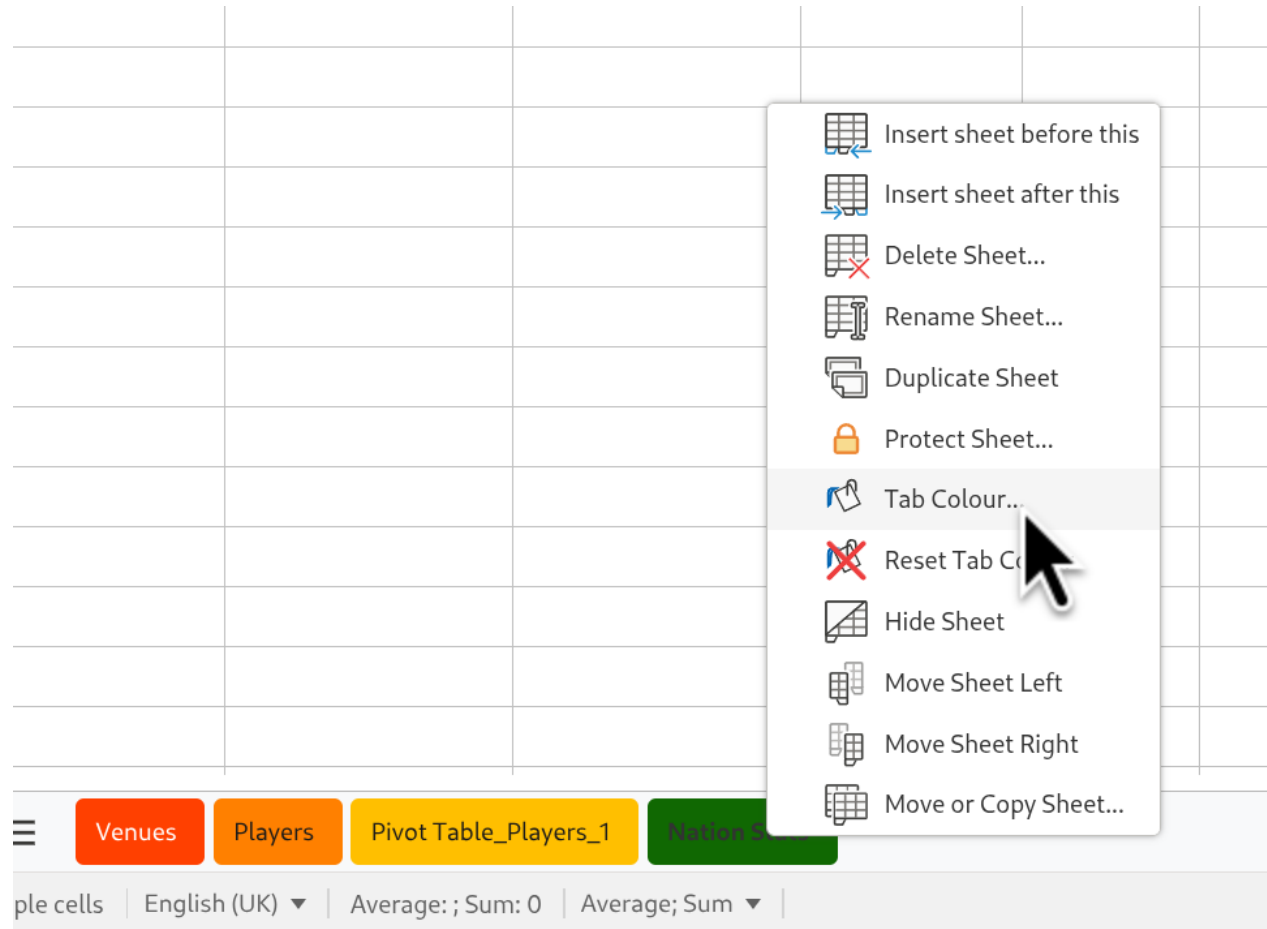
The screenshot displays the Collabora Office spreadsheet application. The 'Table Design' tab is active, showing a 'Table Style Options' panel with checkboxes for 'Header Row', 'Banded Rows', 'First Column', 'Filter Buttons', 'Total Row', 'Banded Columns', and 'Last Column'. Below this, a 'Table Style Options' dropdown is set to 'Summary'. A 'Table Style Gallery' is open, displaying various table styles with different color schemes and banded patterns. The background shows a spreadsheet with a table of expenses. The table has columns for 'Summary', 'Estimated', 'Actual', and 'Over/Under'. The data is organized into two main sections: 'Expenses' and 'Summary'. The 'Expenses' section lists various items like Reception, Apparel, Photography, etc., with their respective estimated and actual costs. The 'Summary' section provides a total for each category. The interface includes a standard menu bar (File, Home, Insert, Page Layout, Formulas, Data, Review, Format, View, Table Design, Help) and a status bar at the bottom showing 'Sheet1' and 'Sheet2' tabs, along with language and average sum information.

Summary	Estimated	Actual	Over/Under
Reception	5,500.00 €	5,000.00 €	500.00 €
Apparel	5,000.00 €	5,200.00 €	-200.00 €
Photography	3,000.00 €	2,800.00 €	200.00 €
Decorations	2,600.00 €	2,900.00 €	-300.00 €
Transportation	2,300.00 €	2,500.00 €	-200.00 €
Gifts	1,000.00 €	1,000.00 €	0.00 €
Music	3,000.00 €	2,850.00 €	150.00 €
Flowers	300.00 €	400.00 €	-100.00 €
Stationary	650.00 €	800.00 €	-150.00 €
Other	500.00 €	150.00 €	350.00 €
Total	23,850.00 €	23,600.00 €	250.00 €

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Colour-coded Tabs



Smart Dropdowns

	Qty	Description of Item	Qty	Date		Ren
11	1	Socket Regular 1/2 in DR 12 PT. 5/16 in				Mu
12	2	Screwdriver Fla combi				De
13	3	Screwdriver Fla				Har
14	4	Socket Regular				Bol
15	5	Hammer Ball P				
16		Wrench Hex Sh				Bol
17		Combination S				Bol
18		Screw-Cap 10-3				
19		Screwdriver Fla				
20		Combination S				
21		Combination S				Ber
22		Combination S				Bas
23		Combination S				
24		Hammer Ball P				
25						
26						
27						
28						
29						

New in Impress

Slide Sorter

The screenshot shows the Slide Sorter view of a presentation software. The top ribbon contains three main sections: Clipboard (Undo, Paste, Cut, Copy), Slide Layout (New, Layouts), and Character (Font face: Liberation Sans, Size: 18 pt, Bold, Italic, Underline, Strikethrough, Color, Size, and a text color dropdown). The left sidebar is titled 'Navigation' and has two tabs: 'Slides' (selected) and 'Outline'. Under the 'Slides' tab, slide 13 is highlighted with an orange border. A tooltip with a hand icon and the text 'Maximize to grid' is positioned over the 'Maximize to grid' icon (a square with a plus sign). The main area displays a large preview of slide 13, which has a dark blue background and white text. The text on the slide reads: '“ Office suites are super complicated to develop, so it would be impossible to do this without a partner like Collabora Online. Frank Karlitschek Founder and CEO, Nextcloud’

Navigation

Slides Outline

13

“ Office suites are super complicated to develop, so it would be impossible to do this without a partner like Collabora Online. Frank Karlitschek Founder and CEO, Nextcloud’

Maximize to grid

Office suites are

Slide Sorter

The screenshot shows the Collabora Office Slide Sorter interface. The top ribbon includes tabs for File, Home, Insert, Design, Transition, Slide Show, Review, Format, View, and Help. The main area displays a grid of slides, with Slide 21 highlighted and a mouse cursor pointing at it. The slides contain various content, including text, diagrams, and charts.

Navigation

Slides Outline

Inside Nextcloud Office

03 Inside Nextcloud Office

A full office suite, in the browser

Everyone in the same document, at the same time

A decade of compounding

Files that just open

The document never leaves your server

Web, desktop, mobile — and offline

Deploy your way

Slide 21

More than an editor

How it fits together

Deploy it your way

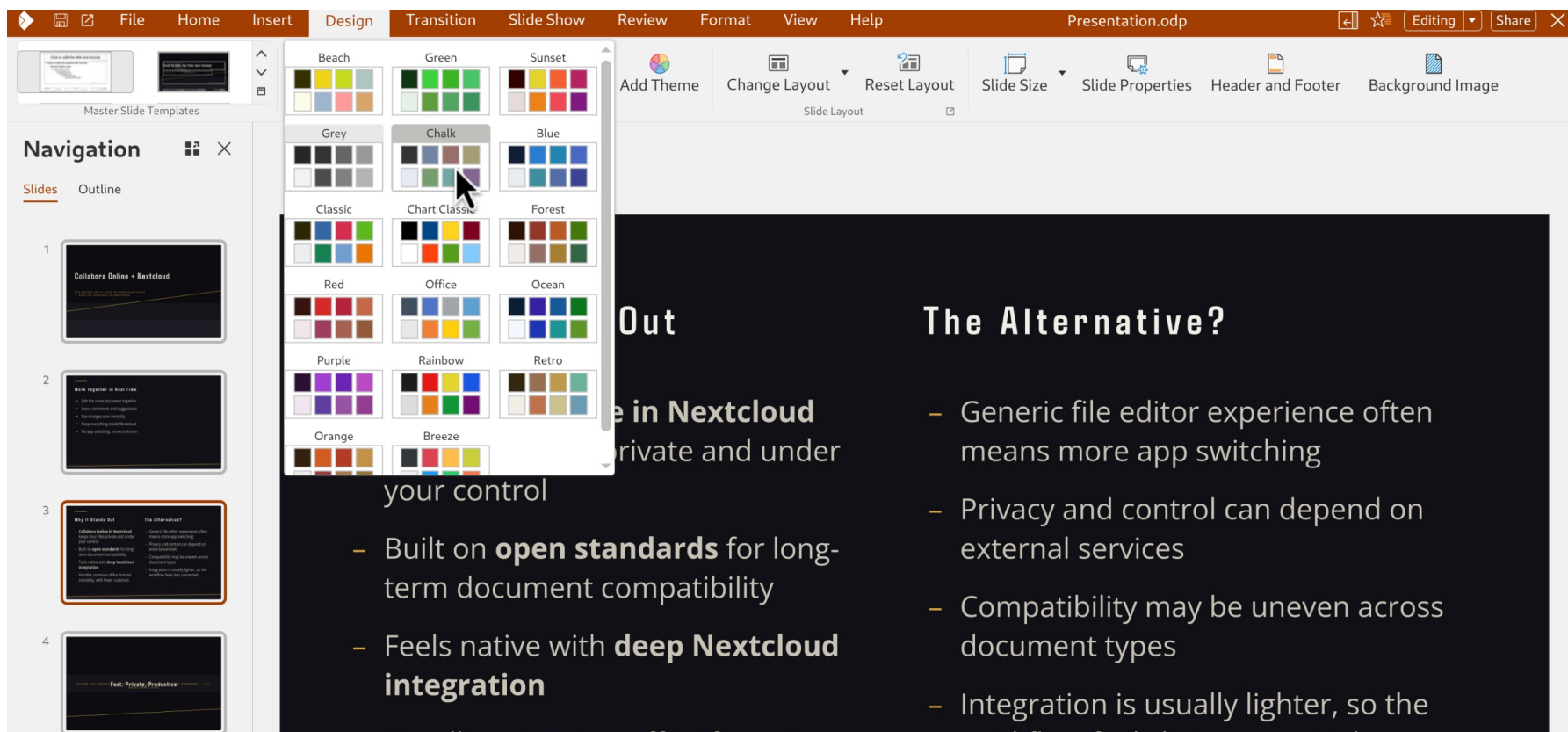
Security and compliance, by architecture

How it runs

Scales with the deployment

Choosing between CODE and Collabora Online

New Design Tab



Navigation

Slides Outline

1 Collabora Online • Nextcloud

2 Work Together in Real Time

3 Why It Works Out The Alternative?

4 Fast, Private, Productive

Design

Beach Green Sunset

Grey Chalk Blue

Classic Chart Classic Forest

Red Office Ocean

Purple Rainbow Retro

Orange Breeze

Add Theme Change Layout Reset Layout Slide Size Slide Properties Header and Footer Background Image

Out The Alternative?

- Generic file editor experience often means more app switching
- Privacy and control can depend on external services
- Compatibility may be uneven across document types
- Integration is usually lighter, so the workflow feels less connected

New Transition Tab

The screenshot displays the LibreOffice Impress application window. The top menu bar includes File, Home, Insert, Design, **Transition**, Slide Show, Review, Format, Shape, View, and Help. The 'Transition' tab is active, showing a 'Transitions' task pane on the left with options like Bars, Checkers, Shape, and Box. The main area shows a presentation slide titled 'Why It Stands Out' and 'The Alternative?'. The slide content is as follows:

Why It Stands Out	The Alternative?
- Collabora Online in Nextcloud keeps your files private and under your control - Built on open standards for long-term document compatibility - Feels native with deep Nextcloud integration - Handles common office formats smoothly, with fewer surprises	- Generic file editor experience often means more app switching - Privacy and control can depend on external services - Compatibility may be uneven across document types - Integration is usually lighter, so the workflow feels less connected

The bottom of the slide features the text: **Fast. Private. Productive.**

User Experience, Accessibility & Platform Improvements

On-selection Formatting Popup

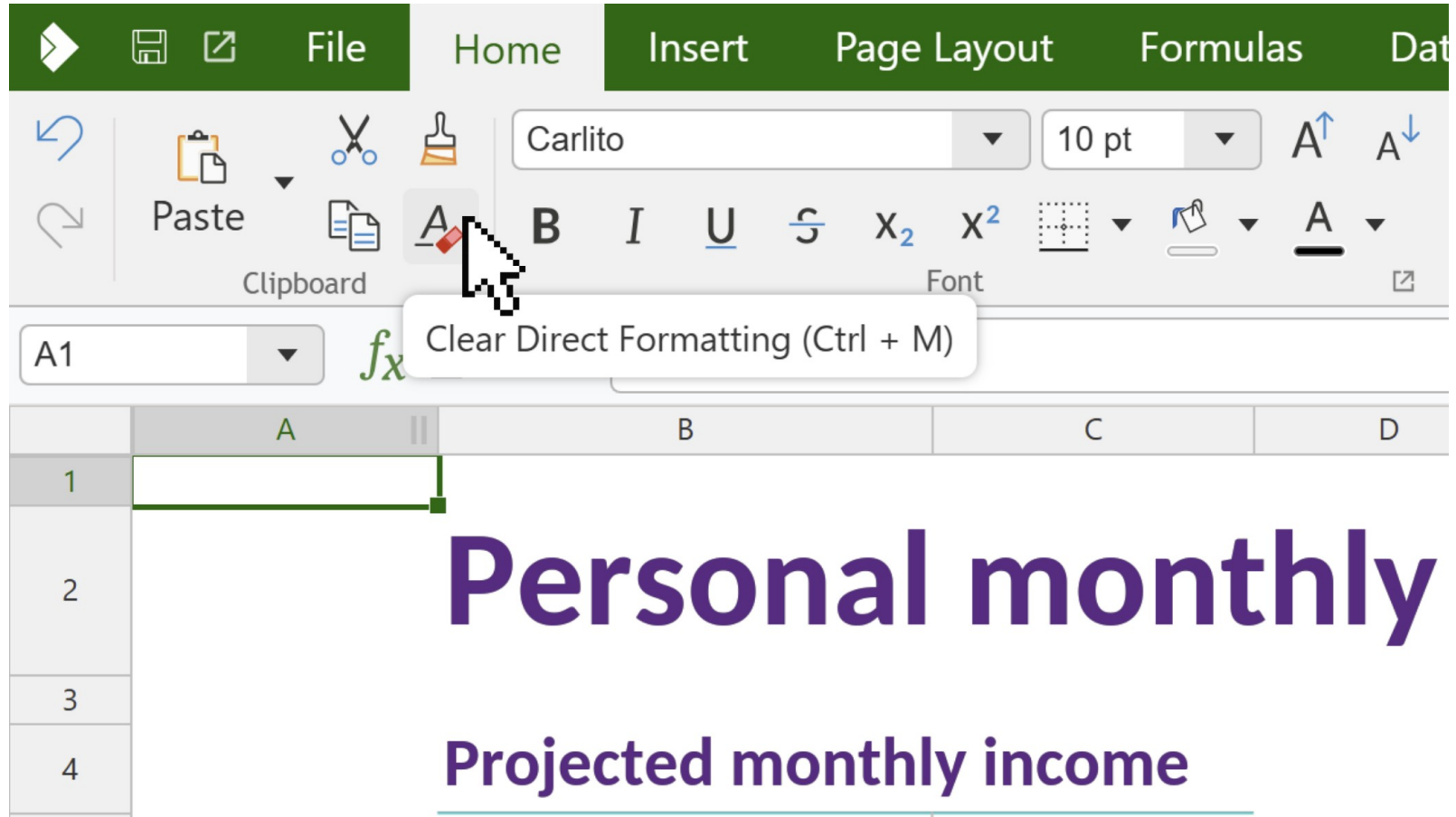
Formatting popup

Popup appears right next to the selected text.



Underline, font family/**size**, colour, and more. No trackball, it's closer, and it fades away when you're done.

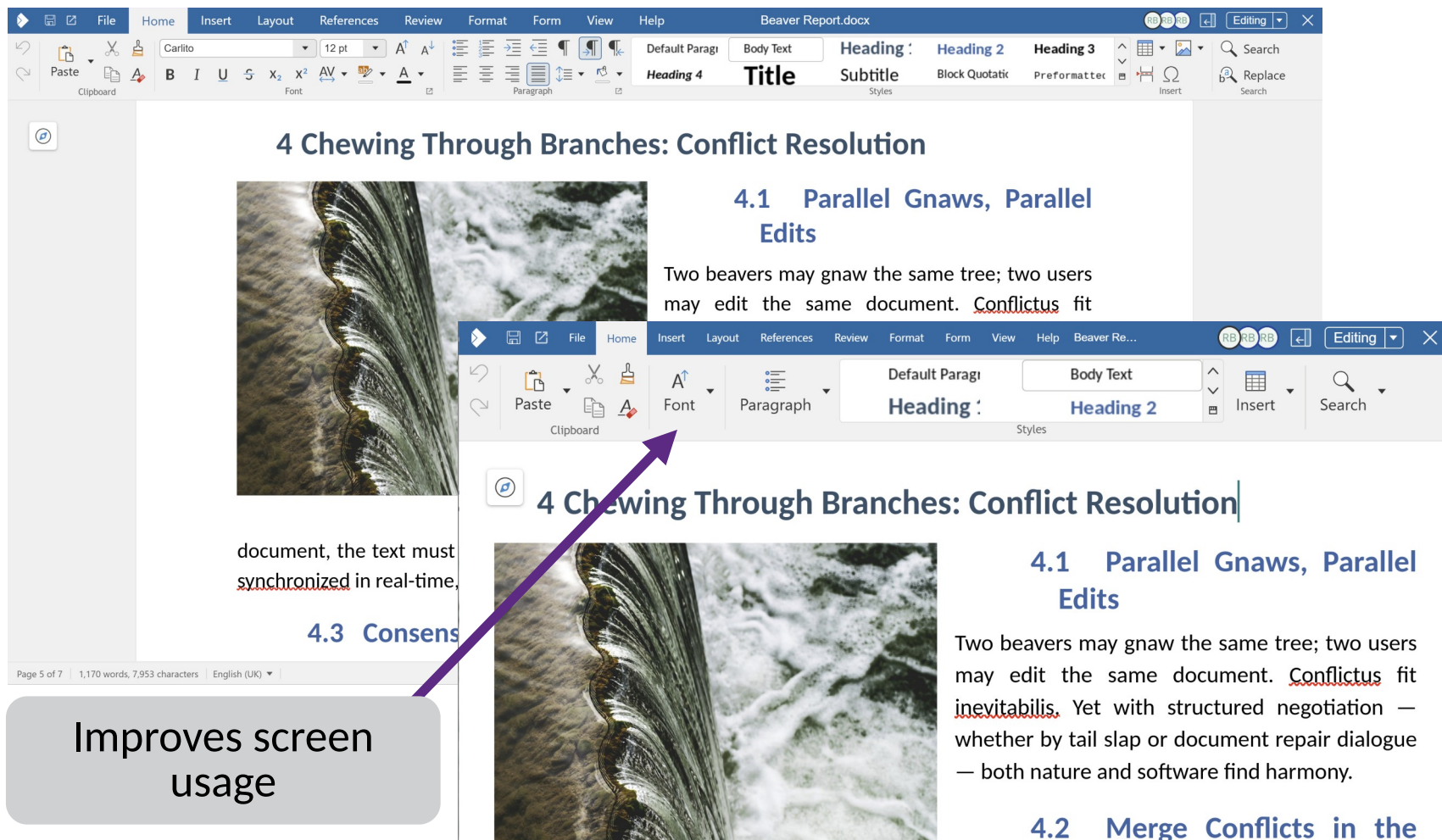
Shortcuts that Teach



The screenshot shows the LibreOffice Writer application window. The top menu bar includes File, Home, Insert, Page Layout, Formulas, and Data. The Home tab is active, displaying the Clipboard and Font groups. In the Font group, the 'A' button (Clear Direct Formatting) is highlighted, and a tooltip displays the text 'Clear Direct Formatting (Ctrl + M)'. The text 'Carlito' is visible in the font name dropdown, and '10 pt' is in the font size dropdown. The spreadsheet area below shows a table with columns A, B, C, and D, and rows 1, 2, 3, and 4. The text 'Personal monthly' is in row 1, column B, and 'Projected monthly income' is in row 2, column B.

	A	B	C	D
1		Personal monthly		
2		Projected monthly income		
3				
4				

Responsive UI Groupings



The image displays a document editor interface with a responsive UI design. The top part shows a wide view of the document with a large image and a heading. The bottom part shows a zoomed-in view of the same document, with a purple arrow pointing from the zoomed-in view to the top view, indicating the responsive nature of the UI.

4 Chewing Through Branches: Conflict Resolution

4.1 Parallel Gnaws, Parallel Edits

Two beavers may gnaw the same tree; two users may edit the same document. Conflictus fit

document, the text must be synchronized in real-time.

4.3 Consensus

4.1 Parallel Gnaws, Parallel Edits

Two beavers may gnaw the same tree; two users may edit the same document. Conflictus fit inevitabilis. Yet with structured negotiation — whether by tail slap or document repair dialogue — both nature and software find harmony.

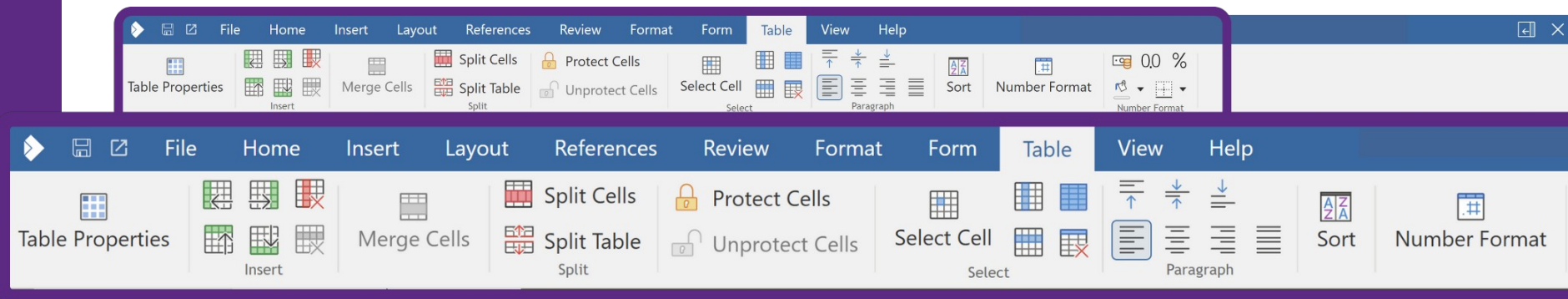
4.2 Merge Conflicts in the

Page 5 of 7 | 1,170 words, 7,953 characters | English (UK) ▼

Improves screen
usage

Smart Tabs

Click on a table - 'Table' tab opens!



Ready to see it in action?

If you haven't yet, upgrade to enjoy our beautiful new UI! Or if you're new here, and you're looking for a familiar, friendly and powerful platform your users will love, try Collabora Online today. We're fully open source, integrateable, extensible, and would love to help you and your users free your documents!

[Demo link]

<u>Fully Open Source</u>	<u>Integrateable</u>	<u>Extensible</u>	<u>Friendly</u>	<u>Ready for You?</u>
✓		✓	✓	✓

Function Previews

The screenshot displays the Collabora Office application window. The title bar indicates the document is 'The Tale of Peter Rabbit.odt'. The ribbon menu includes File, Home, Insert, Layout, References, Review, Format, Form, View, and Help. The 'Layout' ribbon is active, showing options for Page Break, Manual Break, Hyphenation, Line Numbering, Title Page, Watermark, Select All, Wrap, Align, and Arrange. The 'Margin' dropdown menu is open, showing three preset options: Normal, Wide, and Narrow, each with its respective top, bottom, left, and right margin measurements. The background document text reads: 'The Tale of Peter Rabbit', 'Beatrix Potter - 1902', 'There were four little Rabbits, and their names were--', 'Flopsy,', 'Mopsy,', 'Cotton-tail,', 'and Peter.', 'underneath the root of a very big fir-tree.', and 'Now my dears,' said old Mrs. Rabbit one morning, 'you may go into the fields or down the lane, but don't go into Mr. McGregor's garden: your Father had an accident there; he was put in a pie by Mrs.'

Accessibility

- **Ever-improving** screen reader functionality
 - Colour pickers, line style selectors, numbering options, bullet choosers, and special character dialogs
 - Form controls like spinfields, dropdowns, and checkboxes
- Keyboard-only users can now navigate toolbars, sidebars, grids, trees, radio groups, and tab panels **without a mouse**
- **Automated testing** validates every dialog, sidebar, and toolbar for correct labels, roles, and keyboard behaviour

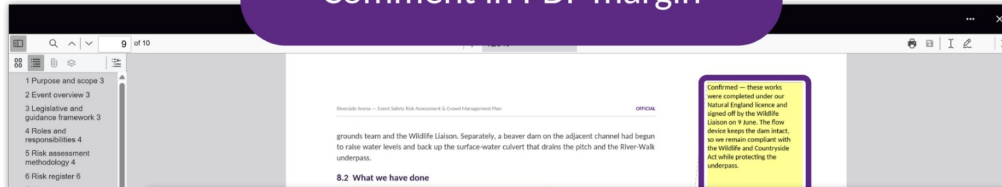


Writer – conformant

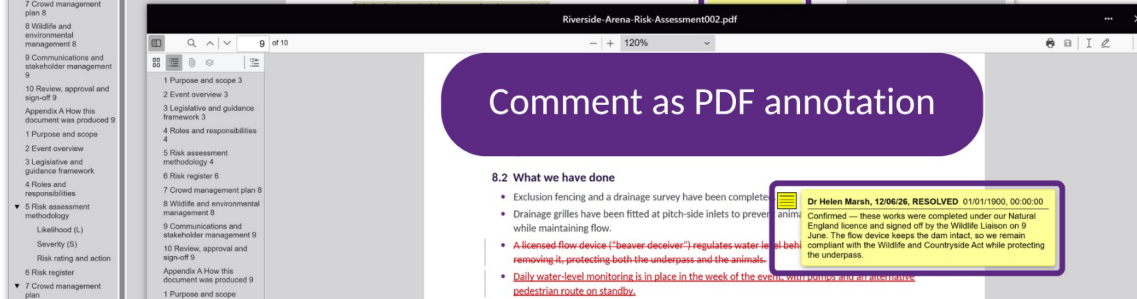
Calc – in final stages of 3rd party testing

New Export Options for PDF

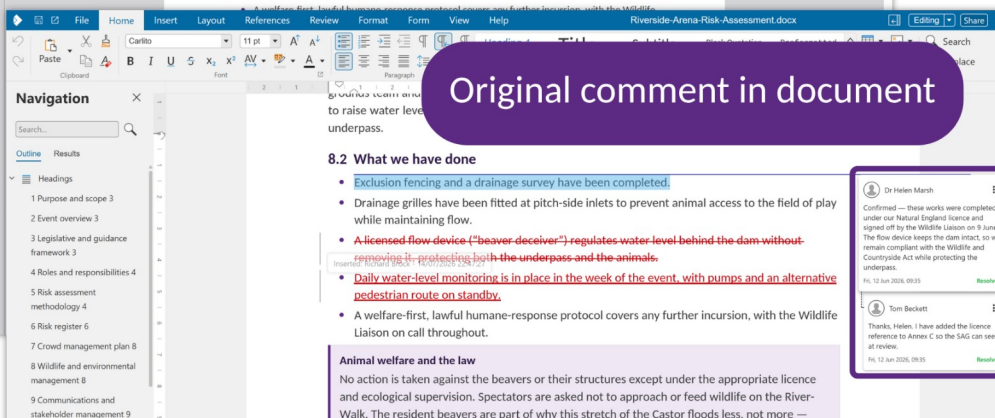
Comment in PDF margin



Comment as PDF annotation



Original comment in document



In-App Settings Dialog

The screenshot displays the Collabora Office application interface. The top menu bar includes File, Home, Insert, Design, Transition, Slide Show, Review, Format, View, Help, and Open Source Partnership - Nextcloud Office po... The 'Options' button in the 'View' menu is highlighted with a purple box. The 'Options' dialog is open, showing the 'Interface Settings' tab. The dialog has a sidebar with a list of settings categories: Interface Settings (selected), Document Settings, Autotext, Custom dictionaries, Document themes, Extensions, Document Signing, and Zotero. The main area of the dialog is titled 'Interface Settings' and contains the text 'Set default interface preferences.' Below this, there are two preview images: 'Notebookbar view' and 'Compact view'. The 'Notebookbar view' is selected and highlighted with a purple box. Below the preview images, there are four checkboxes: 'Dark Mode' (unchecked), 'In-document Screen Reader' (unchecked, with a warning: 'Warning: Server accessibility must be enabled to toggle'), 'Automatic Spell Checking' (checked), and 'Smart Zoom' (checked). At the bottom of the dialog, there are 'Cancel' and 'Save' buttons. The background of the application shows a presentation slide titled 'Why partner at all?' with a blue header and a white body. The slide content includes a list of bullet points and a bar chart. The Collabora Office logo is visible in the bottom right corner.

File Home Insert Design Transition Slide Show Review Format View Help Open Source Partnership - Nextcloud Office po... Editing Share

Save Save as Export As Share See history Print Download Repair Properties Rename Options

Navigation Slides Outline

Why partner at all?

3 01 Why partner at all

4 The productivity stack became a sovereignty question

5 Nobody builds a document engine from scratch

6 What open source changes about partnering

Options

Interface Settings

Document Settings

Autotext

Custom dictionaries

Document themes

Extensions

Document Signing

Zotero

Interface Settings

Set default interface preferences.

Notebookbar view Compact view

☐ Dark Mode

☐ In-document Screen Reader (Warning: Server accessibility must be enabled to toggle)

☒ Automatic Spell Checking

☒ Smart Zoom

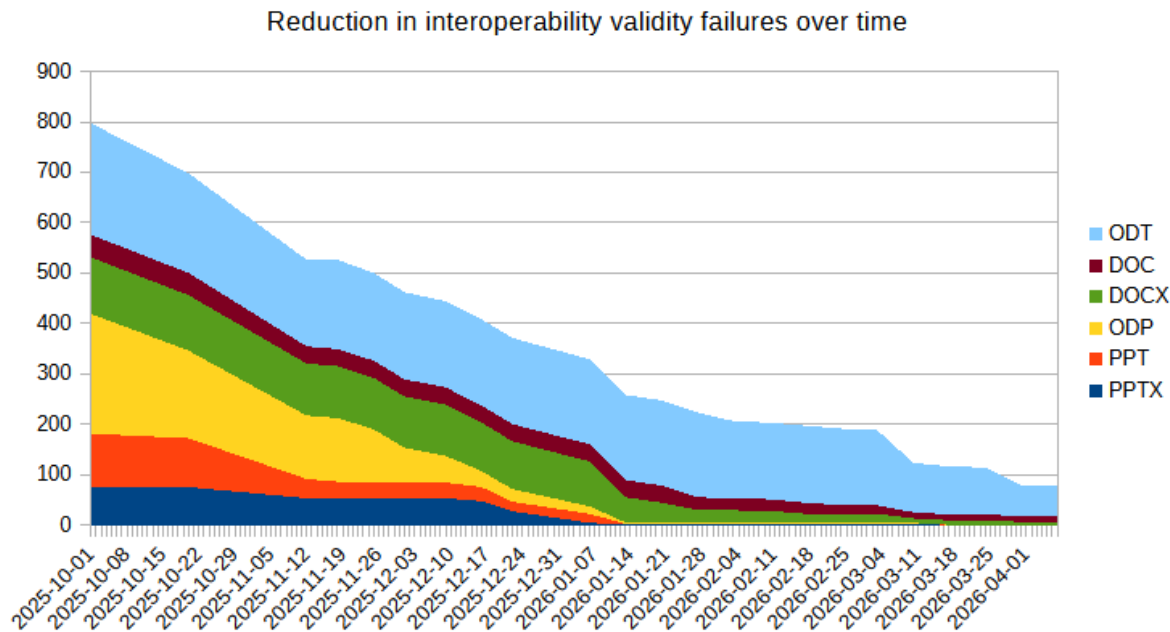
Cancel Save

Collabora Office

Systematic Interoperability Work

Interop. commits in Collabora Online 26.04:

- Hundreds of targetted interop fixes
- bug fixes & OOXML conformance wins from ~250k worst-docs ever.
 - Writing better Microsoft XML
 - Systematic metric chasing
 - Automated testing and bisection



Google Apps Script Interoperability

A new simpler and friendlier JavaScript extension API

Modelled on the Google Apps Script (GAS) API

- Ideally, existing Google add-ons run without any modifications
- Ongoing development gets tested against both GAS and COOL

Based on well-proven UNO infrastructure under the hood

- But hiding all the complexity behind idiomatic JavaScript
- Plus an escape hatch for anything still missing

Extensions hook into the client-side UI at various points...

...and run their JS code on the COOL server

File Edit View History Bookmarks Profiles Tools Help

writer-edit.fodt - Collabora

Not Secure localhost:9980/browser/4a613eb264/debug.html?file_path=%2Fhome%2Fsberg%2F

File Home Commands Demo Insert Logo Layout References Review Format Form View Extensions Help writer-edit.fodt Editing

Events demo Text demo Word cloud LibreLogo Docs to Markdown

Collabora Online doc

Collabora Productivity

Table of Contents

1 Introduction.....	2
2 Collabora Productivity: A Brief Overview.....	2
3 Products – The Collabora Online Apps.....	3
Writer.....	3
Supports.....	3
Features.....	3
Calc.....	3
Soutient.....	3
Caractéristiques.....	3
Impress.....	4
Unterstützt.....	4

Page 1 of 12 | 2,011 words, 13,349 characters | English (UK)

Docs to Markdown

Donate Markdown HTML

- ☒ `_/_` for italic/bold (`*/` default)
- ☐ Demote headings (H1 → H2, etc.)
- ☐ Use HTML headings/IDs
- ☐ Wrap HTML
- ☐ Render HTML tags
- ☐ Reckless mode (no info or inline alerts)

[Help](#) | [Docs](#) | [Bugs](#) | [Questions](#) | [News](#)

* Fri Sep 18 2026 06:56:40 GMT+0000
* Source doc: Untitled
* Tables are currently converted to HTML tables.
----->

Collabora Productivity

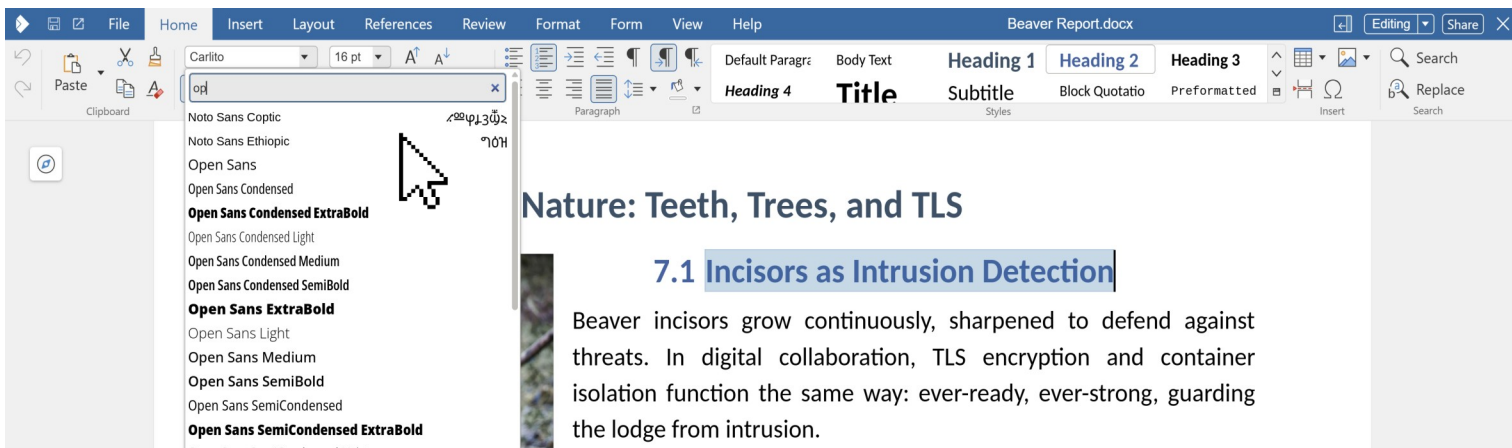
Table of Contents

[1 Introduction 2]
(#_RefHeading__Toc510_380714148)

[2 Collabora Productivity: A Brief Overview 2]

Further Wins

- Filter fonts by typing
- OOXML Templates Open for Editing
- PDF View-Dependent Re-rendering
 - Crisper zoom, smarter memory usage
- Context menu in Status bar to toggle visibility
- Save Images from Docs
- Improvements to Dark Mode
- View mode as default (if needed)



Summary

Collabora is moving & innovating fast

- The biggest & best Open Source Office team anywhere

Accessible, Secure, Scalable, Interoperable, Collaborative

A beautiful suite on - Mobile, Desktop & Browser

michael.meeks@collabora.com

Github: github.com/CollaboraOnline

Matrix: [#cool-dev:matrix.org](https://matrix.org/#/cool-dev:matrix.org)

Mastodon: mastodon.social/@CollaboraOffice



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