

# Collabora Office: on & off collaboration

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FOSDEM

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Collabora  
Online

*“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*



# OFFICE

New for Desktop

The image shows a collage of screenshots from the Collabora Office desktop application, demonstrating its features on a Mac desktop. The screenshots include:

- A screenshot of a spreadsheet (ods) file showing data from the NBN Atlas 2020-2025. The data includes columns for NBN Atlas record ID, Location, Rightholder, Category, Beaver Scale 1, Beaver Scale 2, Data Best, and Data Best Date. A chart at the bottom shows 'Localities with Over 300 Sightings 2020-2025'.
- A screenshot of a presentation slide (pptx) titled 'Beavers: Nature's Engineers'. The slide features a large image of a beaver swimming, a cartoon beaver holding a hammer, and a beaver standing next to a dam.
- A screenshot of a word processor document (docx) titled 'Beaver Facts Presentation.odt'. The document contains sections like '1 Introduction: Why Beavers and Editors?' and '2 Dams as Natural Version Control'.

The desktop interface includes a dock with various application icons at the bottom.

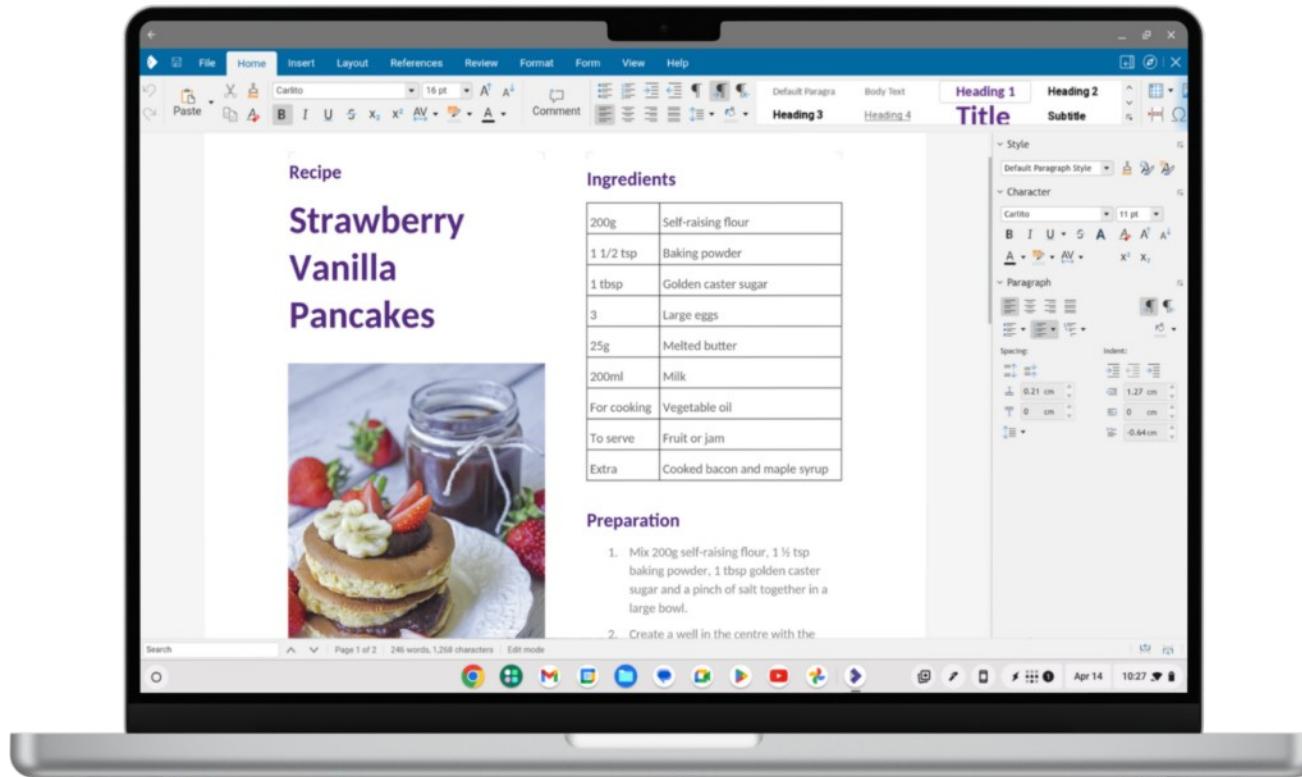
25.04



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# Done this for years: eg. chromeOS

If you compiled our iPhone version right → could also run on Mac ...





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# Native code advantages:

## Off-line support

- as with native Phone / Mobile apps
- lower latency / higher performance for editing

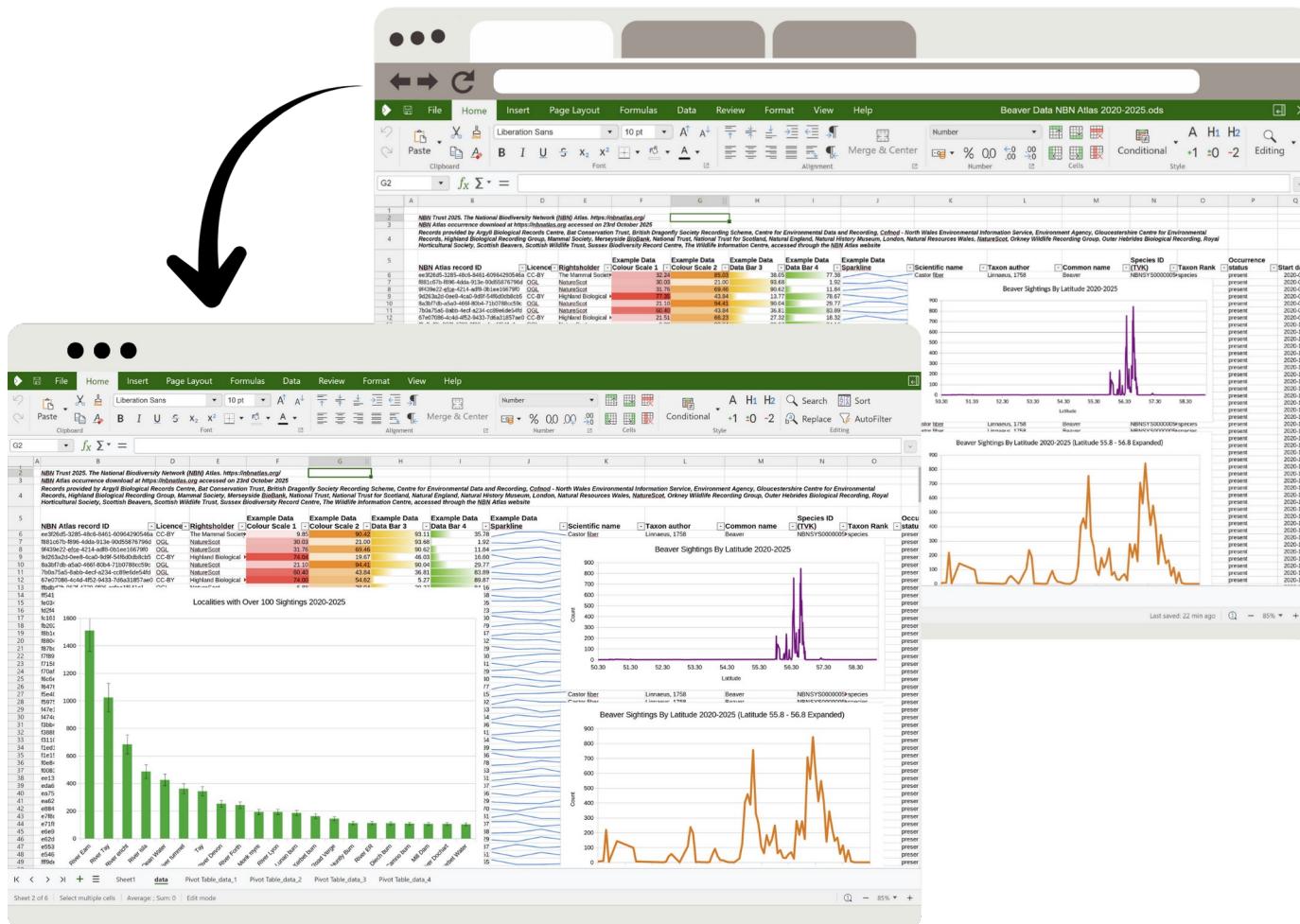
## Access to platform APIs

- Real rich format clipboard APIs
- Multi-Screen and projector detection management APIs
- Proper printing APIs: “what printers, what paper sizes” ...
- Image formats: HIEC eg. etc. ...



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# Bringing Collabora Online to desktop





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# Friendly Welcome Slideshow

Text Document (3).edt - Collabora Office

File Home Insert Layout References Review Format Form View Help

Clipboard Font Paragraph Styles

welcome-slideshow.odp - Collabora Office

Collabora Office

## All New Collabora Office

Same look, same code Your files, your device

Find out more!

www.collaboraonline.com

Page 1 of 1 | 0 words, 0 characters | English (UK) ▾

Collabora Online now available on Desktop

Same look. Same code. Your files, your device.

We're excited to share the first release of Collabora Office for desktop - bringing the familiar, powerful Collabora Online experience, to run locally on Windows, macOS, and Linux. Open it and feel instantly at home: OOF or DOCK, quick edits or deep dives, a clean, beautiful interface that helps you get work done without getting in the way.

Page 1 of 1 | 0 words, 0 characters | English (UK) ▾

6/49



# Collabora Office Classic ...



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# New Collabora Office

The screenshot shows the Collabora Online word processor interface. The document title is 'Beaver Report.docx'. The ribbon menu includes File, Home, Insert, References, Review, Format, Form, View, and Help. The Home tab is selected, showing a toolbar with Paste, Font, Paragraph, and Styles buttons. The Styles section includes buttons for Default Paragraph, Body Text, Heading 1, Heading 2, Heading 3, Heading 4, and Title. The main content area displays the following text:

**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-i-est, ibi habitat. With thoughtful UI/UX design, the entrance is not only safe, but also welcoming: users glide in, just as beavers dive beneath the surface.

**1.3 Rivers of Data**

Data, like rivers, must flow. Beaver dams redirect currents to create sustainable ecosystems. Online editors shape the flow of information across servers, ensuring smooth currents of collaboration without flooding the user. Collabora Online ipsum, semper fluidum, semper adaptivum.

**2 Dams as Natural Version Control**

**2.1 Every Log a Commit**

Each log added to a beaver dam represents a clear, auditable change in the structure. Sic etiam omnis editio documenti in Collabora Online est communitum in historia. Nulla editio amittitur; every trunk tells a story.

**Navigation**

Search...

Outline Results

- 1 Introduction: Why Beavers and Editors?
  - 1.1 Shared Habitats, Shared Documents
  - 1.2 Lodges and Log-ins
  - 1.3 Rivers of Data
- 2 Dams as Natural Version Control
  - 2.1 Every Log a Commit
  - 2.2 Branching Strategies (Literal and Figurative)
  - 2.3 Floods, Rollbacks, and Resets
- 3 Beaver vs Document Editor Table
- 4 Chewing Through Branches: Conflict Resolution

Page 1 of 12 | 1 769 words, 13 972 characters | Edit mode

**Rosie Beaver**  
Tue, 18 Nov 2025, 09:54

This is what a comment looks like. Beavers like to communicate with tail slaps, but we think this is better for office productivity

New, discoverable,  
more efficient UX  
based on user  
feedback & behavior



Recycle Bin

Learn about this picture

Mac Files

Cygwin64 Terminal

Microsoft Edge

Sailing Yacht.ods - Collabora Office

Collabora Office

Home

New

Open

Info

Save

Print

Export

Blank Document

CV

Liberation Sans

Default Style

Modern Business Letter Sans Serif

Modern Business Letter Serif

Modern Style

Home

Start a new document from one of the following templates.

More Templates

Recent

Name	Modified Date
u1.ods C:\Users\tml\CODA Sample Documents\	2026/01/19 at 15:45:05
Beaver Report.docx C:\Users\tml\CODA Sample Documents\	2026/01/19 at 15:44:43

About

Search

15:45 2026-01-19



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Sailing Yacht.docx - Collabora Office

File Home Insert Layout References Review Format Form View Help

Clipboard Font Paragraph

Default Paragraph Body Text

Header 1 Header 2 Header 3 Header 4

Styles

One / Three

# Sailing yacht

A sailing yacht uses sails as its or power vessel. 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.<sup>[4]</sup> 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 superyachts.<sup>[5]</sup>

Sailing yachts are actively used in sport and are among categories recognized by the governing body of sailing sports, World Sailing.<sup>[6]</sup>

## Etymology

The term, *yacht*, originates from the Dutch word *jacht* (pl. *jachten*), which means "hunt", and originally referred to light, fast sailing vessels that the Dutch Republic navy used to pursue pirates and other aggressors around and into the shallow waters of the Low Countries.<sup>[7]</sup>

## History

The history of pleasure boats begins with rowed craft in Pharaonic Egyptian times. The history of sailing yachts begins in Europe in the beginning of the 1600s with the building of a pleasure vessel for the son of King James I of England. Pleasure vessels acquired



Page 1 (One) of 3 | Selected: 1 word, 10 characters | Edit mode

100% +

16:05 2026-01-19



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Beaver Report.docx

Home Insert Layout References Review Format Form View Help

Clipboard Font Paragraph

Default Paragraph Body Text Insert Search

Heading 1 Heading 2 Styles

UI/UX design, the entrance is not only safe, but also welcoming: users glide in, just as beavers dive beneath the surface.



**1.3 Rivers of Data**

Data, like rivers, must flow. Beaver dams redirect currents to create sustainable ecosystems. Online editors shape the flow of information across servers, ensuring smooth currents of collaboration without flooding the user. *Collabora Online ipsum, semper fluidum, semper adaptivum.*

More on this can be read elsewhere; see eg. [Wikipedia](#).

**2 Dams as Natural Version Control**

**2.1 Every Log a Commit**

Each log added to a beaver dam represents a clear, auditable change in the structure. *Sic etiam omnis editio documenti in Collabora Online est commutum in historia, Nulla editio amittitur; every trunk tells a story.*



**2.2 Branching Strategies (Literal and Figurative)**

Beavers split rivers into channels, creating redundancy and resilience. Editors branch documents to test ideas, knowing they can merge later. Branches in both forests and filesystems must be chosen carefully to maintain balance. *Parallel editing est sicut parallel gnawing — structured yet free.*

Page 3 of 12 | 1 779 words, 14 026 characters | Edit mode

100% +

Current Document Done

Beaver Report.docx

File View Help

Styles

Dam Good Collaboration: Beavers, Browsers, and Building Together



Page 1 of 11 | 1 779 words, 14 026 characters |

100% +

Today at 17:48



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# Complementary to Classic

## Collabora Office Classic

- Ongoing support, huge code-base / tech overlap
- Community backing the code-base

## New Collabora Office - complementary to Classic

- No Java, No Database, No mail-merge
- No master-documents
- No OLE embedding, DDE ...
- No Macro authoring, debugging,
- No solvers, mail-merge
- etc. etc. etc. !



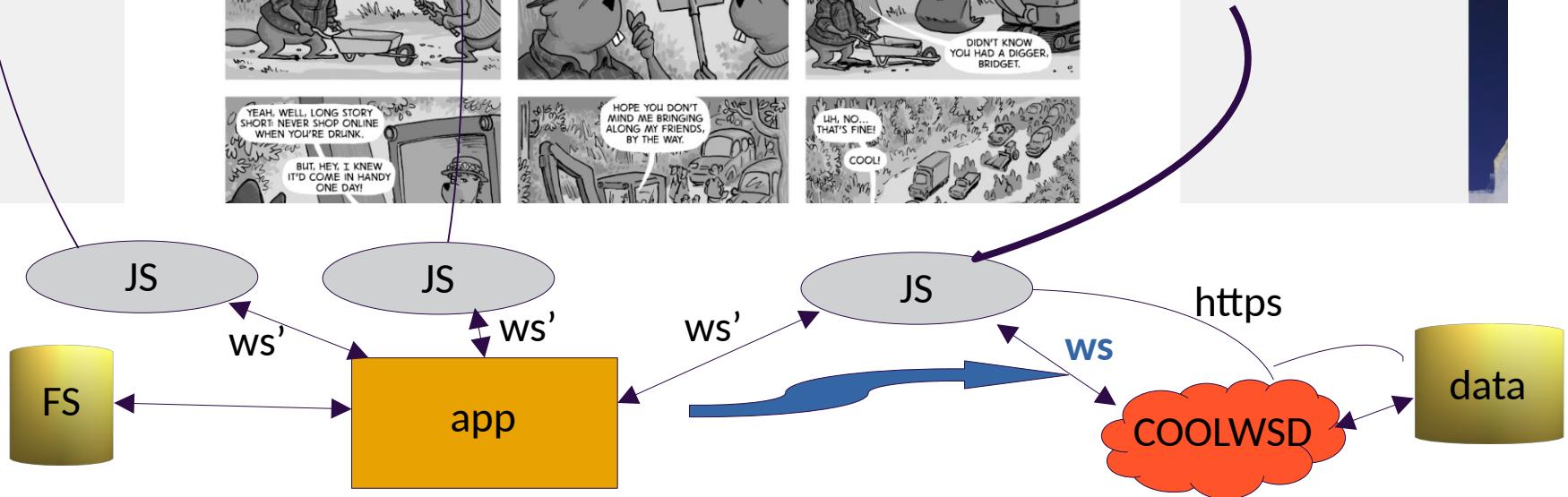
# Mediation transitions: off-to-on-line, one-user → many etc.

Stephan Bergmann



# Lets Collaborate

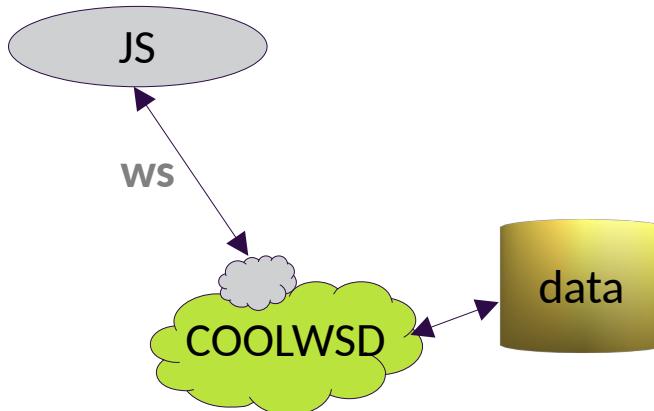
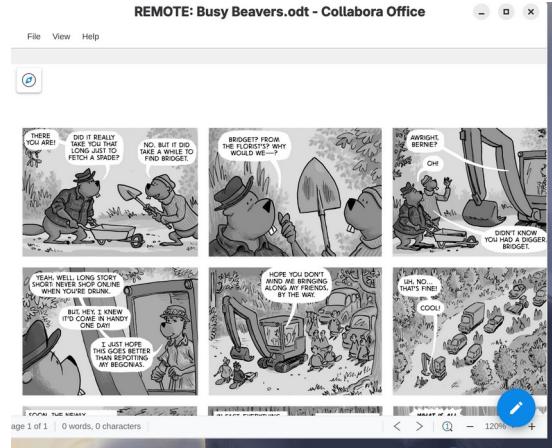
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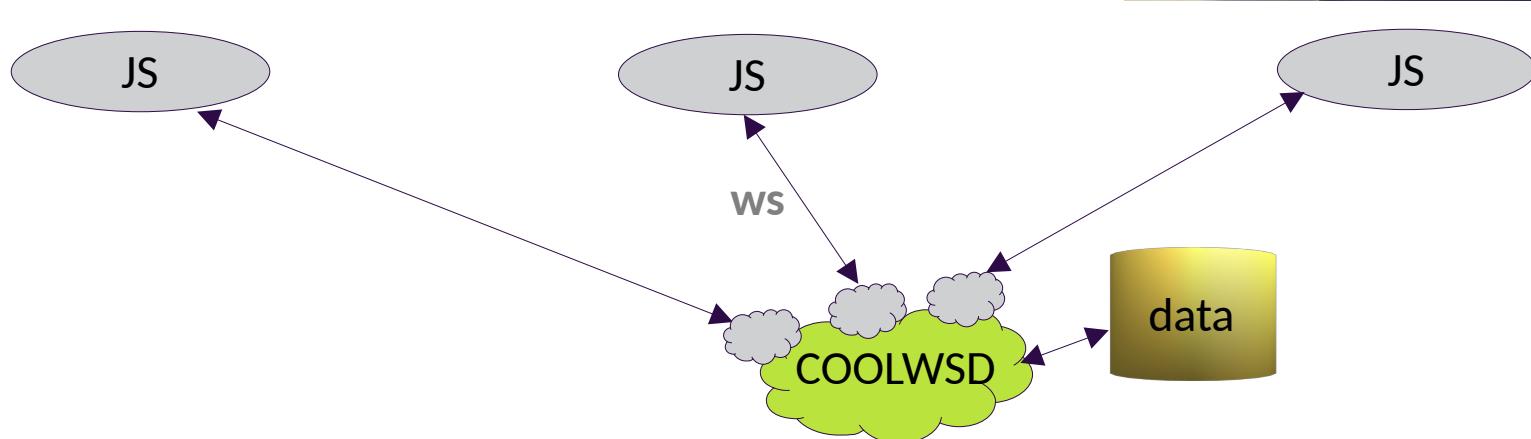
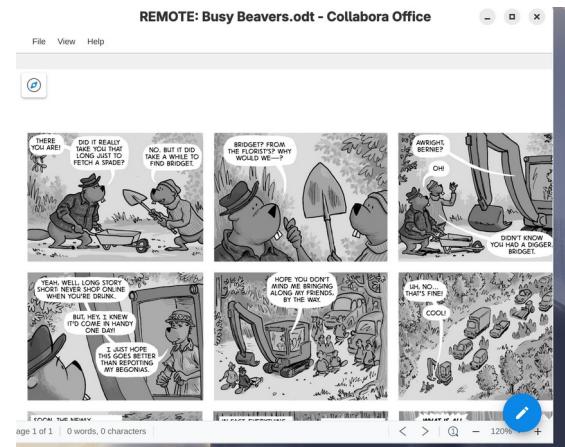
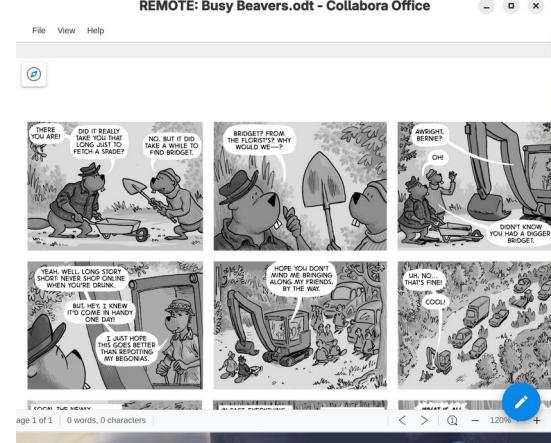
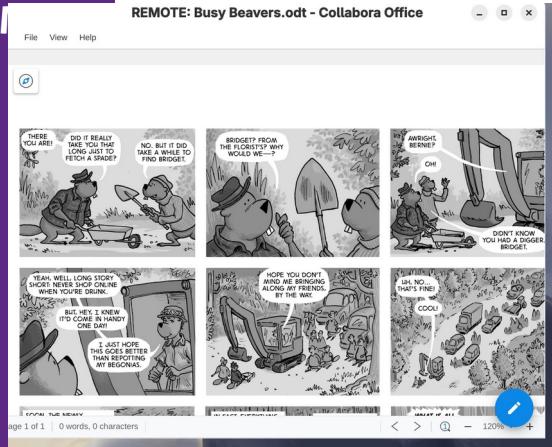
# Optimize for Lazy Beavers





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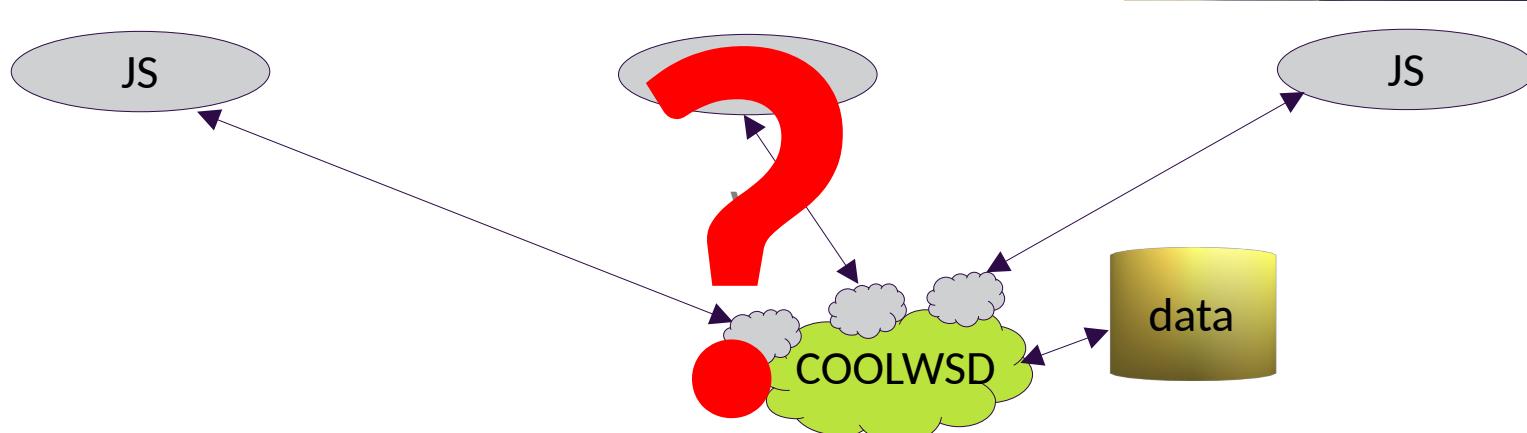
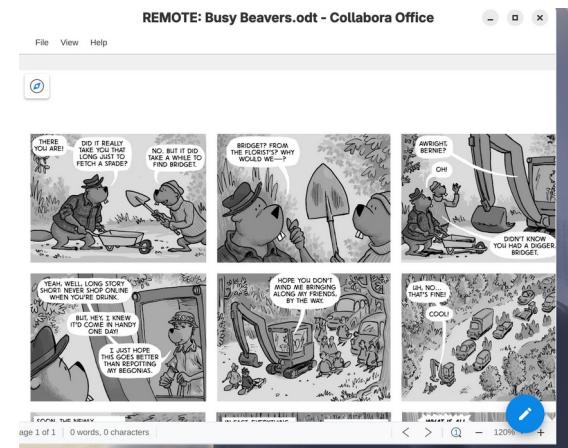
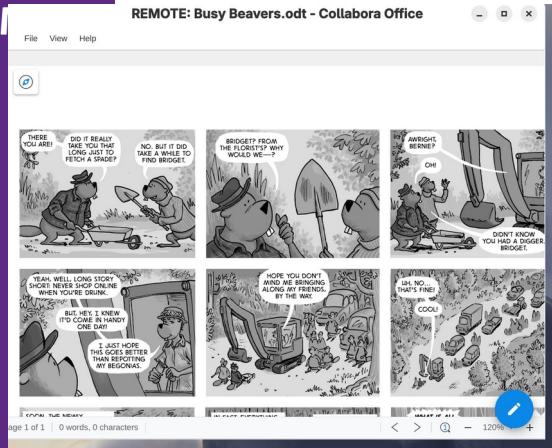
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# Optimize for Lazy Beavers

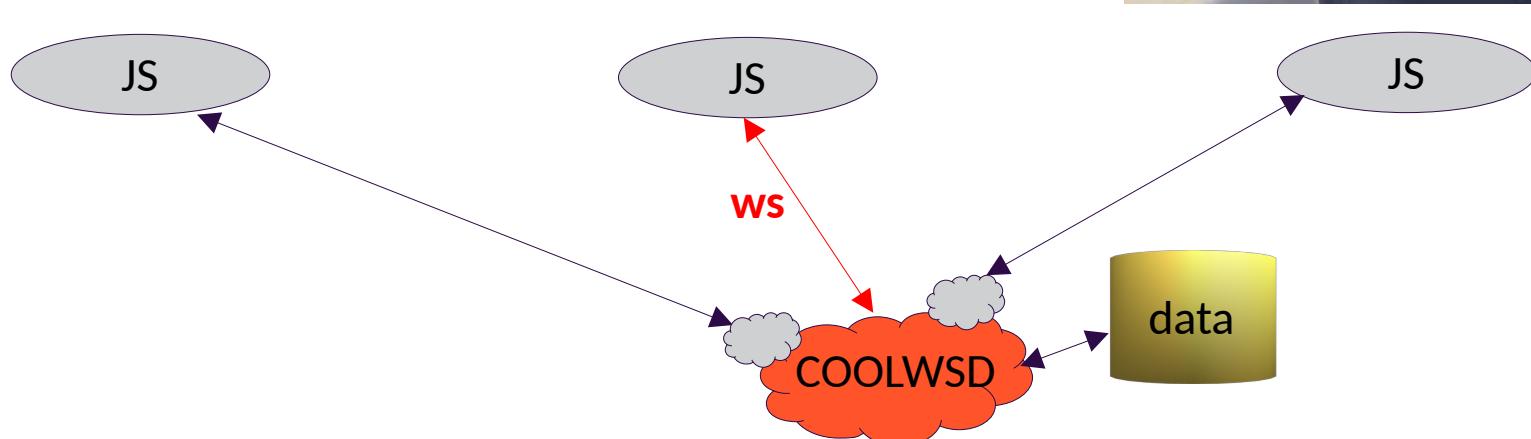
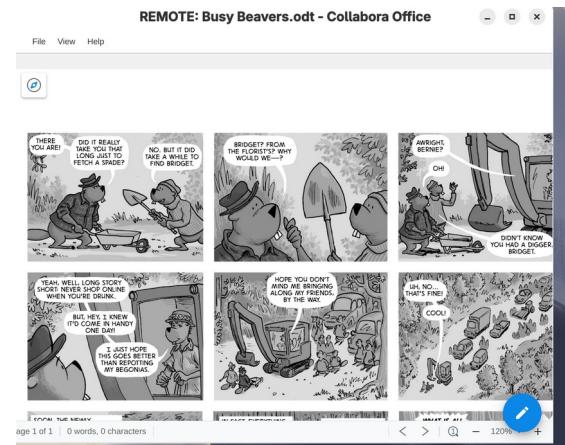
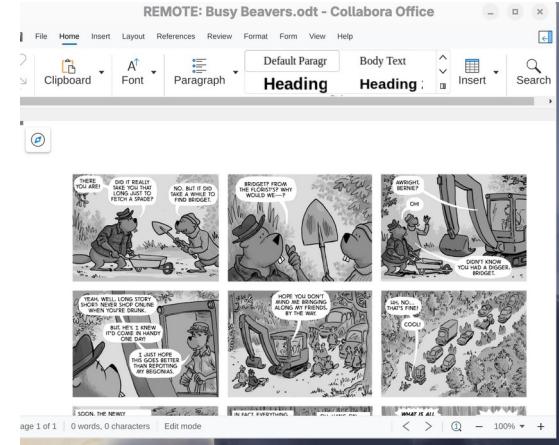
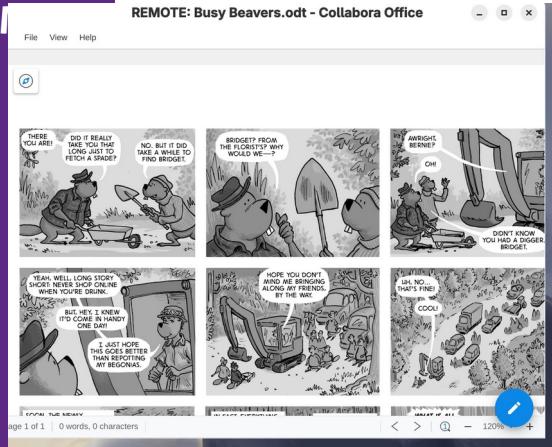


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# Optimize for Lazy Beavers

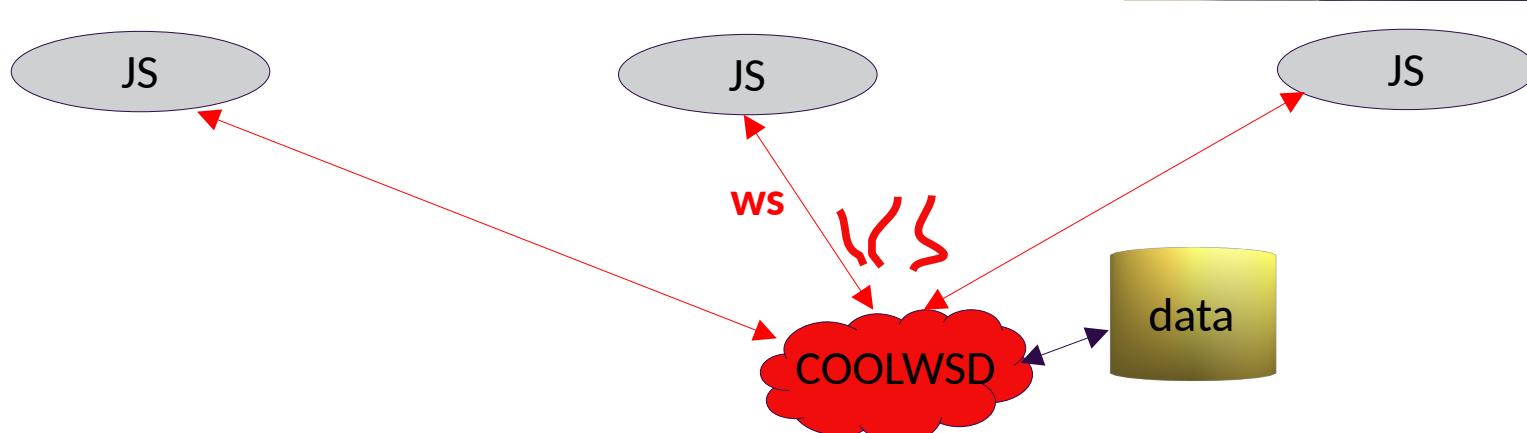
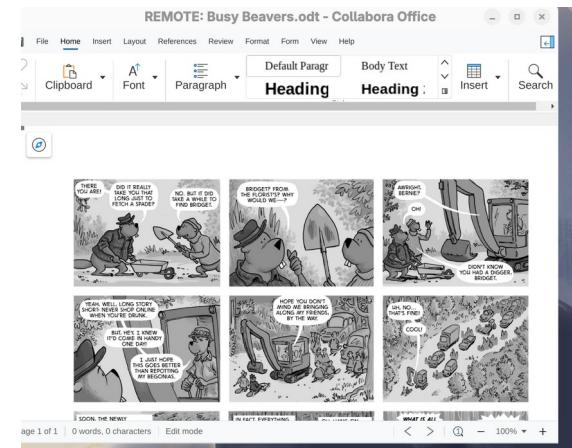
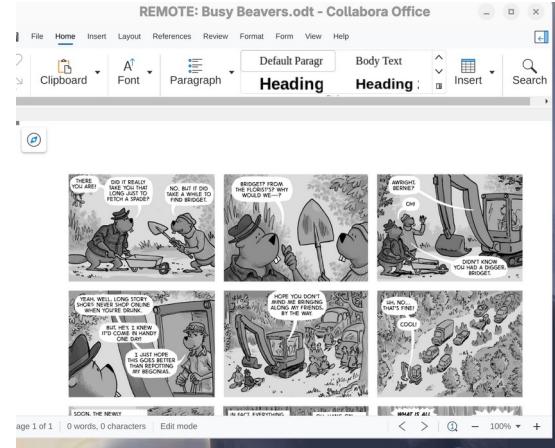
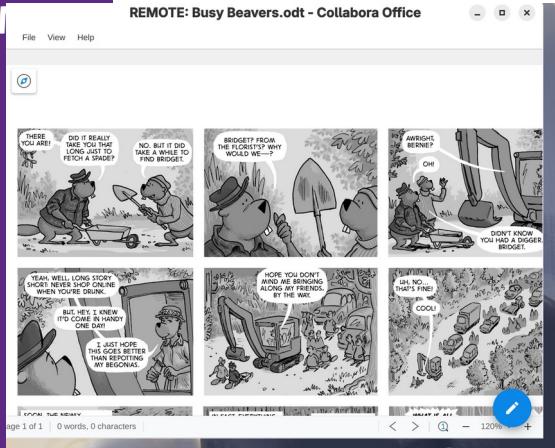


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Online



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# Optimize for Lazy Beavers

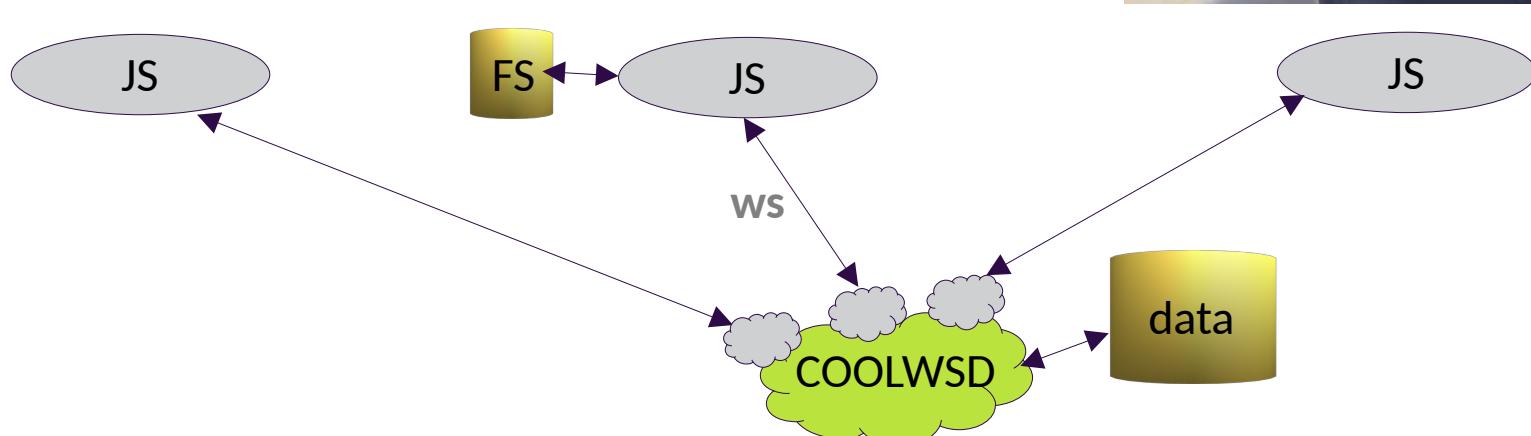
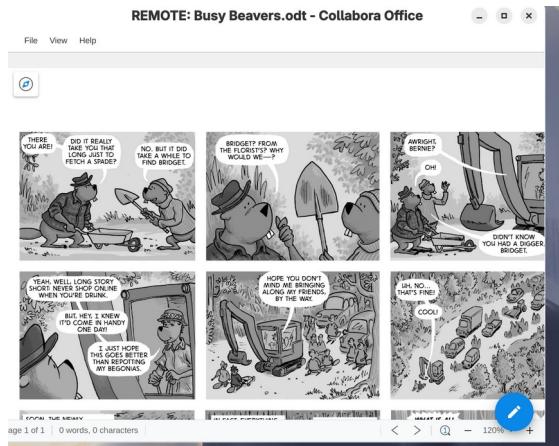
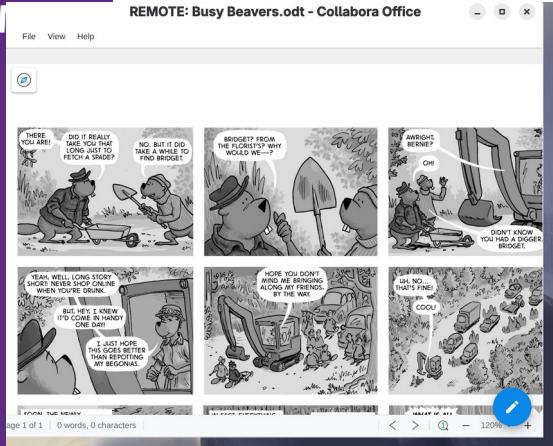


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# Optimize for Lazy Beavers



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# Lets Flesh Out the Details

- Still some open Questions and Todos...
  - which scenarios to support
  - protocol bits
  - implementation robustness
- Want to get involved then ...
  - Please join us ...



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Online

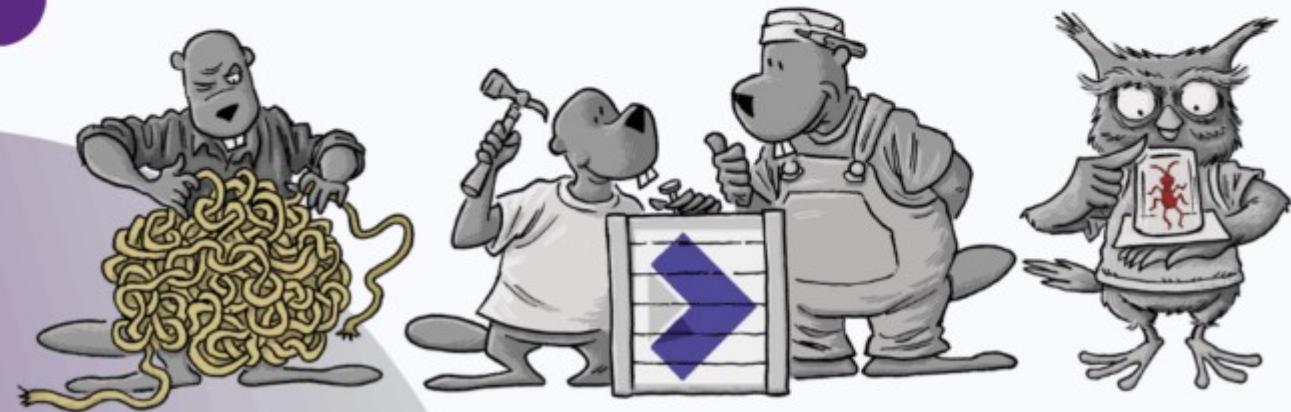
# Hackfest

2 & 3 February 2026  
Brussels

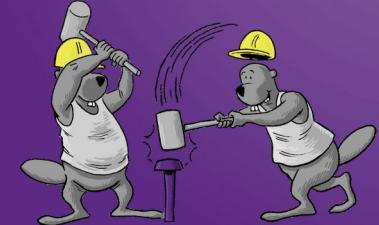
SIGN UP TODAY



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Office



## FOSDEM Fringe





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Ultimately: long term off-line parallel work: conflicts are unavoidable



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# Diffing / Comparison & Reconciling

Side-by-side two-up change tracking / versioning / red-lining ...

He heard quiet steps behind him.

► That didn't bode well. Who could be following him this late at night and in this deadbeat part of town?

► And at this particular moment, just after he pulled off the big time and was making off with the greenbacks.

Was there another crook who'd had the same idea, and was now watching him and waiting for a chance to grab the fruit of his labor?

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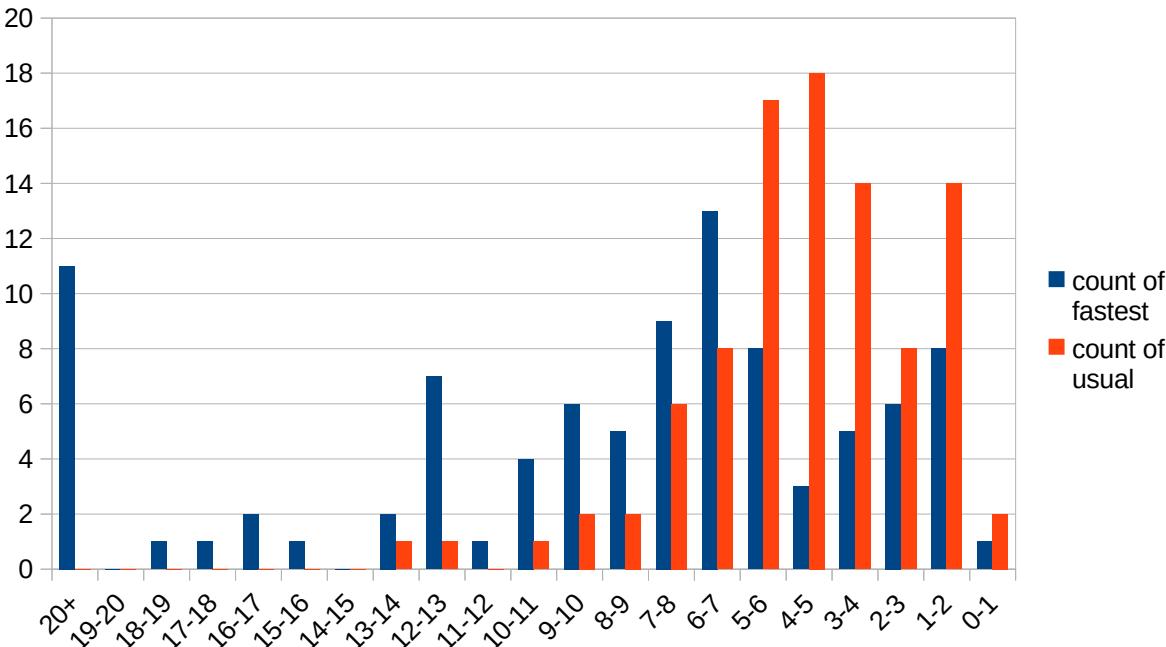
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# New: UI/UX focus

# UI logging & charting minus telemetry

Command	Total Commands	Undo count
textinput	62765	85
uno .uno:Paste	1158	54
removetextcontext	10535	38
mouse click	14330	20
mouse buttonup	5110	16
uno .uno:Cut		
dialogevent		
mouse buttondown		
uno .uno:Bold		
uno .uno:Redo		
uno .uno:TableCellBackground	11	
uno .uno:NumberFormatIncDec	10	
uno .uno:MoveShapeHandle	7	
uno .uno:Line	6	
uno .uno:TransformDialog	4	
uno .uno:DeleteRows	2	
uno .uno:DefaultNumbering	1	
uno .uno:CharBackColor	1	

Analytics thanks to:  
 Zentrum  
Digitale  
Souveränität



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		mouse move	mouse click	textinput	mouse buttondown	mouse buttonup	removeTextContext	dialogevent	key down	key right	uno.uno:Paste			uno.uno:Copy	uno.uno:SidebarHide	uno.uno:SelectRow	uno.uno:BackgroundColor	uno.uno:Uno
2	mouse move	0	45174	16452	24085	20171	4225	5011	1149	820	3964	769	564	3441	1337	1089	1057	750
3	mouse click	56460	0	769	30	938	199	1062	25	16	178	19	15	108	10	9	37	48
4	textinput	10562	5992	0	3	577	15443	1230	1875	1698	396	790	1174	2	1	1	4	28
5	mouse buttondown	22540	0	442	2150	1112	123	176	12	15	132	7	3	90	14	16	40	30
6	mouse buttonup	25578	372	13	0	0	11	52	1	2	1	0	1	5	1	28	0	2
7	removeTextContext	3248	1683	12586	4	559	0	1275	354	772	40	172	579	6	0	11	2	11
8	dialogevent	5609	1170	1330	20	83	239	0	88	32	235	70	25	97	2076	0	0	10
9	key down	507	313	2783	0	77	524	92	0	520	341	1419	432	174	8	2	1	20
10	key right	503	308	2073	0	5	366	37	449	0	72	639	1163	43	0	0	0	12
11	uno.uno:Paste	1803	1939	521	112	219	97	301	378	88	0	164	26	21	0	55	0	33
12	key up	313	204	1555	1	14	206	14	1817	374	153	0	322	50	1	0	0	20
13	key left	513	304	825	1	14	152	54	715	1272	62	426	0	6	0	1	0	7
14	uno.uno:Sidebar	234	6	1	0	5	0	164	0	0	0	0	0	0	0	0	0	0
15	uno.uno:Copy	2143	792	5	284	692	1	251	17	18	2	98	28	0	1	64	1	2
16	uno.uno:SelectRow	1911	4	3	32	17	0	29	2	0	6	1	0	19	0	0	0	4
17	uno.uno:Background	1134	1	2	3	0	1	1	0	0	0	0	0	0	0	5	0	0
18	uno.uno:AcceptFd	551	13	56	3	0	13	188	0	0	52	0	0	162	0	0	0	1
19	uno.uno:Undo	649	62	78	1	10	54	18	5	3	83	8	3	0	0	4	1	0
20	key end	43	11	321	0	0	67	3	115	32	0	200	10	1	0	0	0	2
21	key ctrl-left	20	28	282	0	0	33	1	66	10	10	48	31	0	0	0	0	0
22	uno.uno:SelectCo	433	8	2	1	46	1	3	0	0	1	0	0	4	0	0	0	2
23	uno.uno:DefaultB	496	1	25	0	0	3	18	4	0	0	5	1	0	0	0	0	0
24	key home	45	47	129	0	1	20	3	124	3	11	95	11	3	0	0	0	1
25	uno.uno:Cut	191	63	4	47	74	0	9	0	1	1	5	1	3	0	25	0	3
26	uno.uno:DeleteRo	142	0	0	23	1	0	0	152	1	0	9	0	0	0	183	0	0
27	key ctrl-right	13	12	141	0	0	30	0	23	34	1	75	3	0	0	0	0	0
28	uno.uno:Transform	7	11	0	1	450	0	0	0	0	0	0	0	0	0	0	0	0
29	key shift-down	53	23	20	0	2	22	2	81	36	1	0	0	0	0	0	0	0
30	uno.uno:ColumnW	371	1	2	2	0	1	18	0	1	0	0	0	0	0	0	0	0
31	uno.uno:Bold	370	2	0	1	0	0	25	0	0	0	0	0	0	0	0	0	0
32	uno.uno:InsertRow	73	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

Thanks to:



Zentrum  
Digitale  
Souveränität

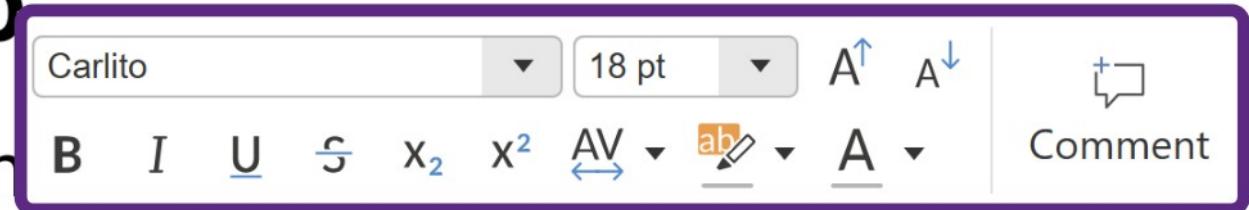


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# Contextual Toolbars

big popup

appears right n



font family/**size** colour, and more. No trek  
user, and it fades away when you're done.



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# On-Click Context Tabs

The Tale of Peter Rabbit.odt

File Home Insert Layout References Review Format Form Picture View Help

Brightness Contrast Image Mode Transparency

Image Controls

Line Color Fill Color Position and Size

Flip Vertically Flip Horizontally Wrap Align Group Enter Group Exit Group Crop

File Home Insert Layout References Review Format Form Picture View Help

Brightness Contrast Image Mode Transparency

Image Controls

Line Color Fill Color Position and Size

Flip Vertically Flip Horizontally Wrap Align Group Enter Group Exit Group Crop

The Tale of Peter Rabbit.odt

Beatrix Potter – 1902

Once upon a time there were four little Rabbits, and their names were--

Flopsy, Mopsy, Cotton-tail, and Peter.

They lived with their Mother in a sand-bank, underneath the root of a

-Page 1  
The Tale of [Peter] Rabbit  
and [Peter].

-Page 2  
But [Peter], who was very naughty, ran straight but he jumped up and ran after [Peter], waving a rake and calling out, [Peter] was most dreadfully frightened; he

-Page 3  
[Peter] gave himself up for lost, and shed big top of [Peter]; but Peter wriggled out just in time, top of Peter; but [Peter] wriggled out just in time, leaving his Mr. McGregor was quite sure that [Peter] was somewhere in the Presently [Peter] sneezed-- 'Kertyschoo!' Mr. McGregor was And tried to put his foot upon [Peter], who jumped out of a window,

15% 30% 50% 65% 80% 95%

1 2 3 4 5 6 7 8 9 10

30/49



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# Context Tabs

The screenshot shows a Microsoft PowerPoint slide with a landscape photograph of a beach at sunset. The 'Picture' tab is selected in the ribbon. A context menu is open, showing the following options:

- Brightness** (with sliders from -40% to 40%)
- Contrast** (with sliders from -40% to 40%)
- Image Mode** (with sub-options: Default, Invert, Greyscale, Black/White, Pop Art, Charcoal Sketch)
- Effects** (with sub-options: Line Colour, Fill Colour, Position and Size, Flip Vertically, Flip Horizontally, Align, Arrange, Group, Enter Group, Exit Group, Crop, Interaction)
- Transparency**

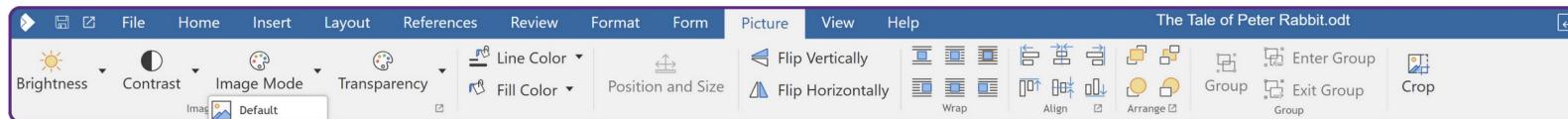
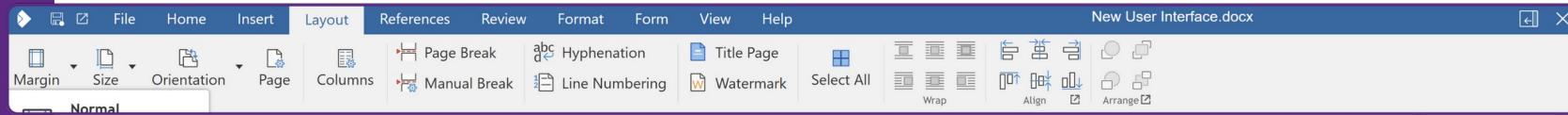
Below the image, three preview boxes show the effects of 'Default', 'Pop Art', and 'Charcoal' on the original image.

At the bottom of the slide, there are navigation icons for back, forward, search, and zoom, along with a status bar showing 'Slide 2 of 8 | English (UK) | 31/49'.

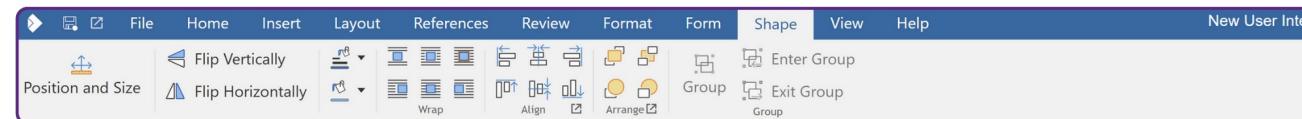
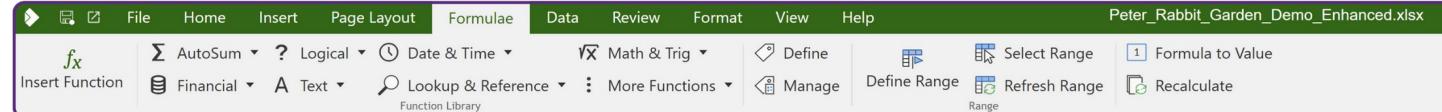


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# Lots of new tabs



- Transitions
- Layout
- Sparklines
- Shape
- Formulae
- Picture
- Slide Show
- Design





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# Context Tabs

The screenshot shows a Microsoft PowerPoint slide with a landscape photograph of a beach at sunset. The 'Picture' tab is selected in the ribbon. A context menu is open, showing the following options:

- Brightness** (with sliders from -40% to 40%)
- Contrast** (with sliders from -40% to 40%)
- Image Mode** (with sub-options: Default, Invert, Greyscale, Black/White, Pop Art, Charcoal Sketch)
- Effects** (with sub-options: Line Colour, Fill Colour, Position and Size, Flip Vertically, Flip Horizontally, Align, Arrange, Group, Enter Group, Exit Group, Crop, Interaction)
- Transparency**

Below the image, three preview boxes show the effects of 'Default', 'Pop Art', and 'Charcoal' on the original image.

At the bottom of the slide, there are navigation icons for back, forward, search, and zoom, along with a status bar showing 'Slide 2 of 8 | English (UK) | 33/49'.



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# Intuitive Options

The screenshot illustrates the Microsoft PowerPoint interface with several floating toolbars and panes:

- Top ribbon:** File, Home, Insert, Design, Transition, Slide Show, Review, Format, View, Help. The "Home" tab is selected.
- Clipboard pane:** Shows recent files and a "New" button.
- Navigation pane:** Slides (selected) and Outline tabs. The "Slides" tab shows a thumbnail of the current slide.
- Font/Format pane:** Shows "Carlito" font, size 18 pt, bold, italic, underline, and strikethrough options.
- Character and Paragraph panes:** Character pane shows "A" and "A" with a blue underline. Paragraph pane shows "A" with a blue underline. Spacing & Colour pane shows "A" with a blue underline.
- Shapes, Connectors, and Illustrations panes:** Shapes pane shows "Shapes" and "Search" buttons. Connectors pane shows "Connectors" and "Search" buttons. Illustrations pane shows "Search" and "Replace" buttons.
- Image formatting pane:** Shows a "Format" ribbon tab and a "Picture" tab. It includes options for "Position and Size" (Flip Vertically, Flip Horizontally, Align, Arrange), "Enter Group", "Group", "Exit Group", "Crop", and "Interaction".
- Image preview:** Shows four image thumbnails: "Invert" (color image of a cloudy sky), "Greyscale" (black and white version of the same image), "Charcoal" (charcoal sketch of a landscape), and "Full Image" (large version of the color image).

A large text overlay at the bottom right reads "Intuitive Options" and "Collabora Online".



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# Tab Groupings & Responsive Width

The screenshot shows the LibreOffice Writer interface with several tab groupings highlighted by purple boxes. The top ribbon has groups for File, Home, Insert, Layout, References, Review, Format, Form, View, and Help. The Home tab is selected, showing the Carlito font at 28 pt. The ribbon also includes Default Paragraph Style (Heading 3), Body Text, Heading 2, and Heading 4. The main content area displays the title "The Tale of Peter Rabbit" and the author "Beatrix Potter - 1902". The text of the story is as follows:

Once upon a time there were four little Rabbits, and their names  
were--

Flopsy,  
Mopsy,  
Cotton-tail,  
and Peter.

They lived with their Mother in a sand-bank, underneath the root of a  
very big fir-tree.

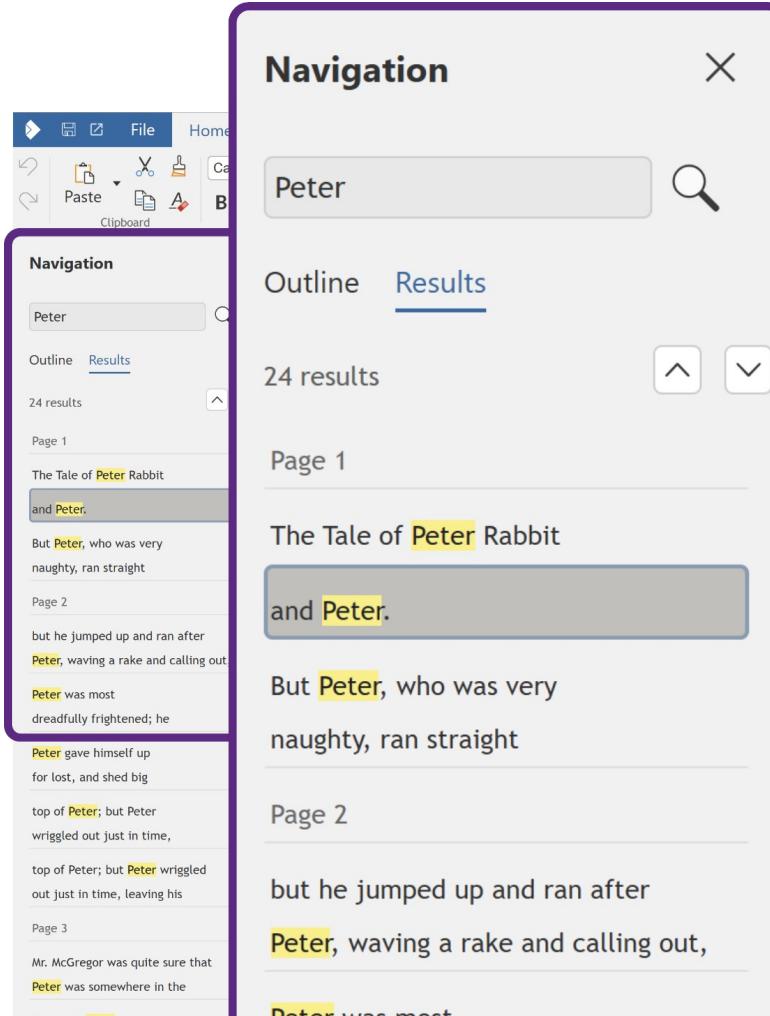
'Now my dears,' said old Mrs. Rabbit one morning, 'you may go into  
the fields or down the lane, but don't go into Mr. McGregor's garden:  
your Father had an accident there; he was put in a pie by Mrs.  
McGregor.'

Page 1 of 5 | 987 words, 5,568 characters | English (UK) ▾ | 170% + | 35/49



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# Search Results in Navigation Bar



The screenshot shows the LibreOffice Writer interface with the 'Navigation' bar open. The search term 'Peter' is entered in the search field. The 'Results' tab is selected, showing 24 results. The results are listed in a table with two columns: 'Page' and 'Text'. The first result is 'Page 1' with the text 'The Tale of Peter Rabbit' and 'and Peter.' highlighted. The second result is 'Page 2' with the text 'but he jumped up and ran after Peter, waving a rake and calling out Peter was most dreadfully frightened; he Peter gave himself up for lost, and shed big top of Peter; but Peter wriggled out just in time, top of Peter; but Peter wriggled out just in time, leaving his Page 3' and 'Mr. McGregor was quite sure that Peter was somewhere in the'. The text 'and Peter.' is highlighted in the first result, and 'Peter' is highlighted in the second result.



The screenshot shows the LibreOffice Writer ribbon. The 'Search' and 'Replace' buttons are visible in the top right corner of the ribbon bar.

## Tale of Peter Rabbit

Beatrix Potter – 1902

ime there were four little Rabbits, and their names were--

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Mopsy,  
Cotton-tail,  
and Peter.

their Mother in a sand-bank, underneath the root of a very big fir-tree.

' said old Mrs. Rabbit one morning, 'you may go into



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# Latest features

Coming soon ...



# Two-Page View

File Home Insert Layout References Review Format Form View Help Beaver Report.docx Editing Share

Clipboard

Font Paragraph

Heading 4 Title Subtitle Styles

Heading 1 Heading 2 Heading 3

Default Paragraph Body Text Block Quotations Preformatter Insert Search Replace

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

Metric	Beavers	Collabora Online	Competitors
Scalability	Medium	High	Very High
Collaboration	Medium	Very High	Medium
Security	Low	Very High	Low
Interoperability	Medium	Very 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.*

5 / 7

6 / 7



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# New Table Design Toolbar

	A	B	C	D	E	F	G
1							
2		First Column	Second Column	Third Column			
3		1	2	3			
4		2	4	6			
5		3	6	9			
6		4	8	12			
7		5	10	15			
8		6	12	18			
9		7	14	21			
10		8	16	24			
11		9	18	27			
12		10	20	30			
13							
14							
15							
16							
17							
18							
19							
20							
21							

Thanks to Markus Mohrhard and Balazs Varga



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# Sheet View

The screenshot shows two Microsoft Excel sheets side-by-side, illustrating the use of the 'Sheet View' feature.

**Top Sheet (Filtering.xlsx):** The active sheet displays a list of purchases. The data includes columns for Date, Region, Rep, Item, Units, Unit Cost, and Total. A filter is applied to the 'Region' column, showing only data for 'Cambridge'. The formula bar shows the current formula as  $\Sigma$ .

	Date	Region	Rep	Item	Units	Unit Cost	Total
10/10/23	Cambridge	Smith	Accessories	50	£19.99	£999.50	
10/11/23	Cambridge	Jardine	Guitar	25	£499.99	£12,499.75	
10/12/23	Cambridge	Gill	Accessories	50	£25.00	£1,250.00	
10/12/23	Cambridge	Gill	Accessories	50	£25.00	£1,250.00	
10/15/23	Cambridge	Andrews	Guitar	7	£399.99	£2,799.93	

**Bottom Sheet (Filtering.xlsx):** The second sheet shows a similar list of purchases, but with a different filter applied to the 'Region' column, showing data for 'London'. The formula bar shows the current formula as  $\Sigma$ .

	Date	Region	Rep	Item	Units	Unit Cost	Total
10/14/23	London	Jones	Accessories	80	£4.99	£399.20	
10/18/23	London	Jones	Accessories	60	£8.99	£539.40	
10/20/23	London	Howard	Accessories	29	£1.99	£57.71	

Thanks  
to:



Zentrum  
Digitale  
Souveränität



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# Intelligent Toolbars on Mobile

Top and bottom toolbars auto-hide when keyboard opens



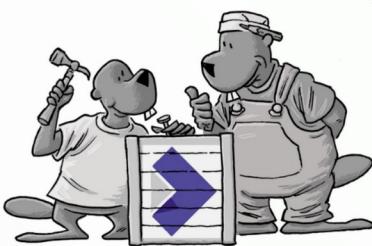
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# Follow-me Presentation

**Beavers:  
Nature's  
Engineers**



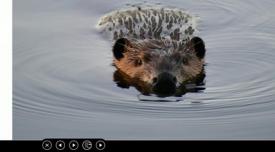
Thanks to:



New “Present to All” option in UI will automatically start presentation for all

Beavers:

Nature's  
Engineers



Beavers:  
Nature's  
Engineers



Beavers:  
Nature's  
Engineers





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# Follow-me Presentation

## Beaver Basics

Semi-aquatic rodents:  
two species

Second largest rodent in  
the world (after the  
Capybara)

Adults typically weigh  
40-70 pounds  
(18-32 kg)  
and can measure  
3-4 feet  
(0.9-1.2 m) long  
(including the tail)



Other users follow, but  
can go backwards, with  
local WebGL transitions ...

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# Access Settings from Documents

Beaver Report.docx

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

1 Introduction: Why Beavers and Editors?

## 1.1 Shape

Beavers live communally, in lodges. Likewise, Collabora Online is a communal window — to collaborate, like concentric waves.

## 1.2 Look

A beaver lodge has a visible, some hidden, editors mirror this, offering entry only via sign-in est, in UI/UX design, the entrance is not only safe, but also welcoming: users glide in, just as beavers dive beneath the surface.

Options

- Autotext
- Custom dictionaries
- View Settings
- Interface Settings
- Document Settings

**Interface Settings**  
Set default interface preferences.

Notebookbar view      Compact view

Dark Mode

**Calc**      Writer      Impress      Draw

Show status bar       Accessibility Checker       Navigator

Show

Cancel      Save

1.3 Rivers of Data

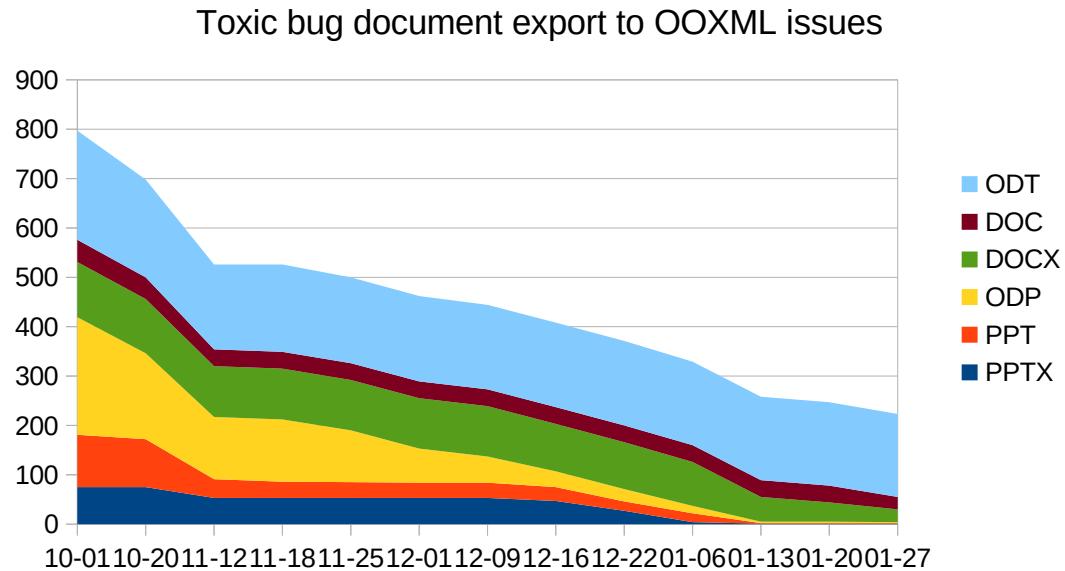


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# Systematic Interoperability wins

## Interop. commits in Collabora Online 25.04:

- Last four months: ~200 targetted interop fixes
- bug fixes & OOXML conformance wins from ~250k worst-docs ever.
  - Writing better Microsoft XML
  - Systematic metric chasing
  - Automated testing and bisection





28<sup>th</sup> & 29<sup>th</sup> April 2026

Hamburg, Germany

[col.la/cooldays](https://col.la/cooldays)





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# Thanks to many COOL contributors

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And more ...



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# Comfort for computer-widow(ers)

## Mascot:

- Emphasis on hard work & contribution:

**The Open Road to Freedom - a comic ...**

<https://www.collaboraonline.com/torf>



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# Conclusions & Questions

## New Collabora Office

- Reduces server load
- Handles trains & Planes smoothly
- New collaboration / locking / sync

## Thank you to all who contribute

- Volunteers, staff, partners & customers – you rock !

## Get involved: We Are Hiring !

- <https://collaboraonline.github.io/>
- <https://www.libreoffice.org/community/get-involved/>

*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*

