



Lots of work over the past year:

- 1. Usability
- 2. New features
- 3. Interoperability
- 4. Performance



1. Usability

- 2. New features
- 3. Interoperability
- 4. Performance



Contextual tooltips

 Start to type a formula and a list of available formulas appear

1. Usability

2. New features

3. Interoperability

£10.00	124	£1,764.00	113	14	30	
£19.00	112	£2,128.00	75	11	50	
£24.00	182	£4,368.00	132	15	150	
£29.00	106	£3,074.00	142	1	150	Yes
£75.00	173	£12,975.00	127	9	100	
£14.00	28	£392 00	21	8	50	
VLOC	KUP(► Search cr	riterion, Array, Index	k, Sorted range lo	okup) : The valu	e to be found in t	he first column.
=VLOOKUP(



Better Tracked Change Processing

Resolved Comments

Collabora Online: the enterprise-ready

Deleted: Alan - 04/27/2017 17:11:07 e Office Suite that
allows you to stay in control of your own
documents. full control of your office files.

1. Usability

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SSSSailing yacht

AAA sailing yacht (US ship prefixes SY or S/Y), is a leisure craft that uses sails as its primary means of propulsion. A <u>yacht</u> may be a sail or power vessel used for pleasure, cruising, or racing.[1][2][3] There is no standard definition, so the term applies here to sailing

Accept

Reject

Accept and Move to Next

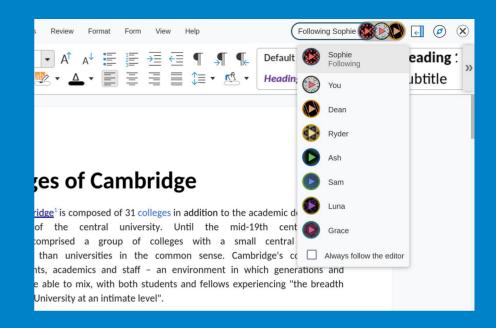
Reject and Move to Next

Reject All



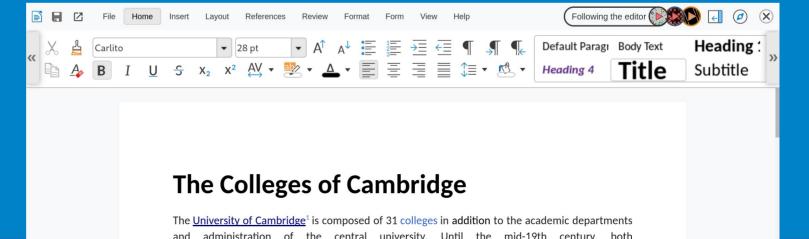
Follow users

- New interface for clarity
- Unfollow with just a click





- 2. New features
- 3. Interoperability
- 4. Performance

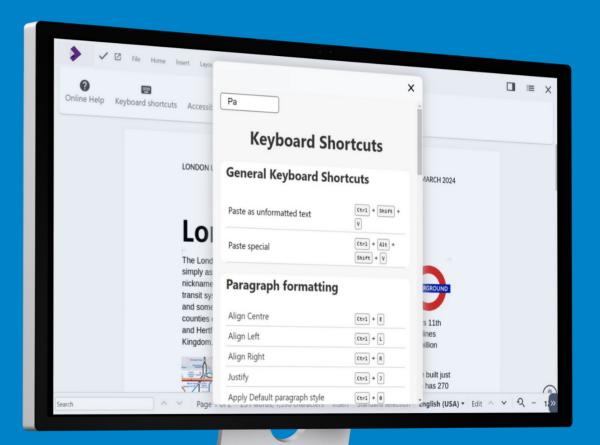




Search for help

 Find what you need straight away

- 2. New features
- 3. Interoperability
- 4. Performance





PDF Improvements

- Exporting to PDF v.1.7 by default
- Tagged PDFs produced by default
 - Include hidden accessibility markups to improve the reading experience with screen readers and other assistive technologies
- Hybrid PDFs now storing original ODF documents
 - For sharing documents with others as a pdf, while retaining the functionality of being able to modify the original file

- 2. New features
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Continued Accessibility wins

- Screen reading & keyboard usability wins
- Processing lots of Audit results
 - Actively fixing and polishing large numbers of improvements
- Target full WCAG 2.0 AA conformance

- 2. New features
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2. New Features

1. Usability

- 3. Interoperability
- 4. Performance

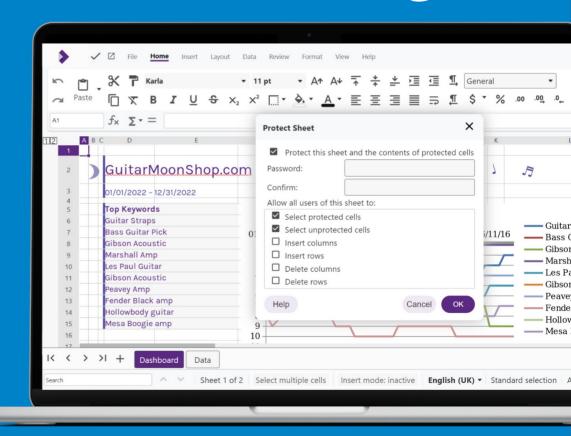


Cell Protection and Section Editing

 Greater control of data in Calc and Writer

1. Usability

- 3. Interoperability
- 4. Performance





Cell Protection and Section Editing

 Greater control of data in Calc and Writer

1. Usability

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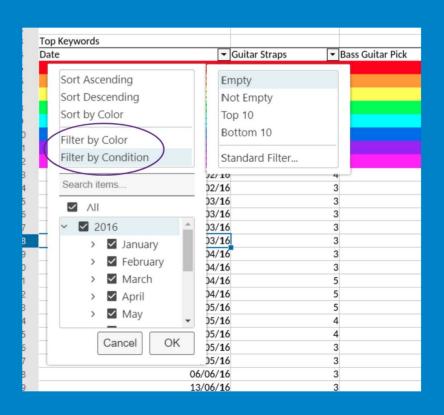
New Filter Options

- Filter by colour or condition
 - Empty/not empty cells
 - Top/bottom 10

1. Usability

2. New features

3. Interoperability





Improved read-only mode

- Previously, read-only access was not interactive
- Now we offer more granular control for documents and spreadsheets
 - Allow users to select document text
 - Improved Accessibility
- Plus you can also now follow hyperlinks in read-only documents
- 1. Usability

- 3. Interoperability
- 4. Performance





Present in Window

- New option to present slides in a new window (as opposed to a full-screen presentation)
- Useful for video conferencing and large screens

1. Usability

- 3. Interoperability
- 4. Performance





Quarantine

- Rescue documents from corner-cases
- Imagine someone changing permissions on the document you are editing ...
- Suspends the state-less-ness we know & love somewhat
 - Off by default



1. Usability

- 3. Interoperability
- 4. Performance



Collabora Online Controller

- Improved scaling and load distribution
- Cost efficient server usage
- Perfect for large deployments

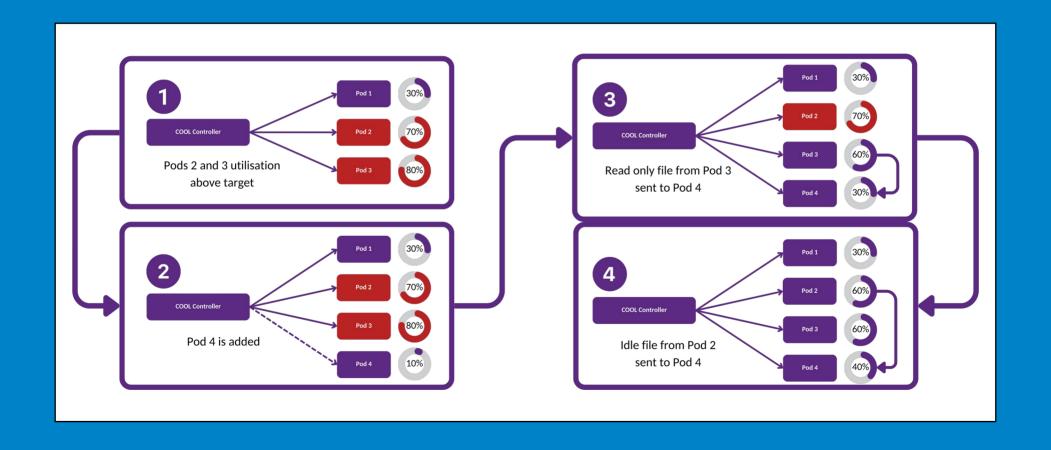
1. Usability

- 3. Interoperability
- 4. Performance



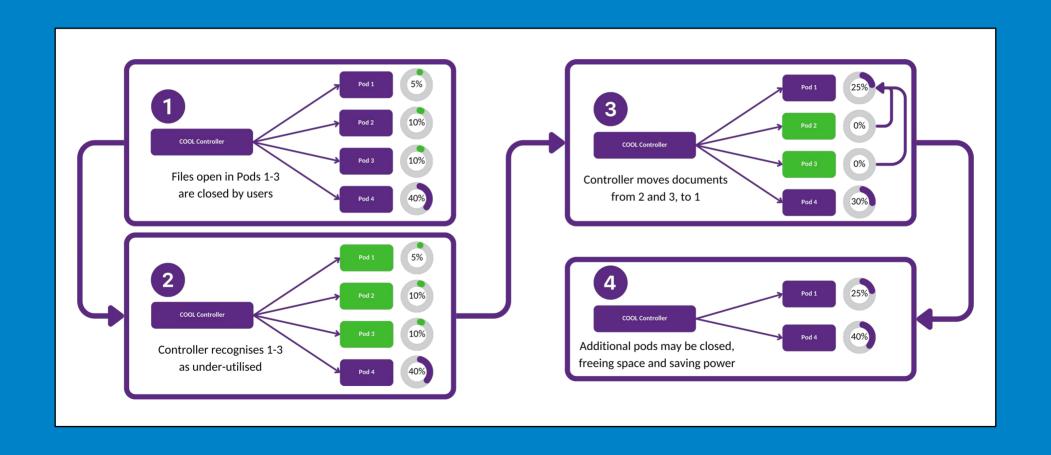


Collabora Online Controller





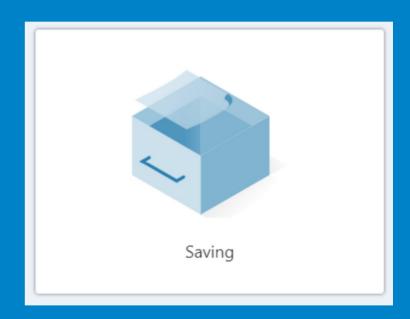
Collabora Online Controller





Auto-save

- Auto-saving can now be carried out in the background
- Fewer interruptions to editing
- 700ms before the animation, 7ms to fork ...



1. Usability

- 3. Interoperability
- 4. Performance



3. Interoperability

- 1. Usability
- 2. New features

3. Interoperability



Smart Justify

- Maximised interoperability with Microsoft Word
- Good comparisons:
- 1. Usability
- 2. New features

3. Interoperability

4. Performance

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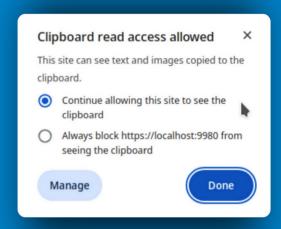
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*Many thanks to László Németh, the European Commission's Next Generation Internet programme and NLnet

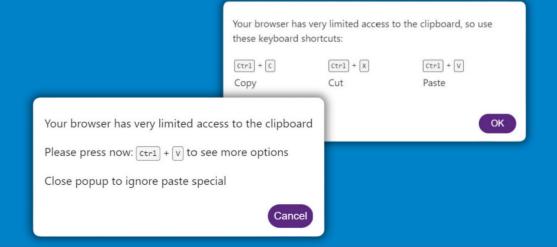


Simplifying copy and paste

- Toolbar buttons work as expected
- Easier for the end user
- No download required



New clipboard API pop-up



If you want to share large elements outside of Nextcloud Office it's necessary to first download them.

Download Completed and ready to be copied to clipboard.

Copy (Ctrl + C)



HTML Copy/paste with Google Sheets

- Reverse-engineered and documented Google Sheets extensions
 - Preserves formulae vs. values and styling
 - Ensuring that data copied from Calc includes markers such as
 <google-sheets-html-origin/> to fully work with Google Sheets
- Help Collabora Office Desktop
 ← Collabora Online copy/paste, as well as from Google Sheets
- 1. Usability
- 2. New features

3. Interoperability



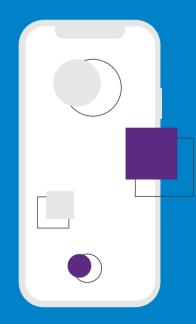


Improved Graphics Support

- Previously SVGs would default to the fallback PNG
 - OOXML should now render the SVG image correctly
- Three interoperability issues related to Windows EMF and EMF+ files have also been resolved
- Smoother experience when working with SVGs, EMF and EMF+ files
- 1. Usability
- 2. New features

3. Interoperability



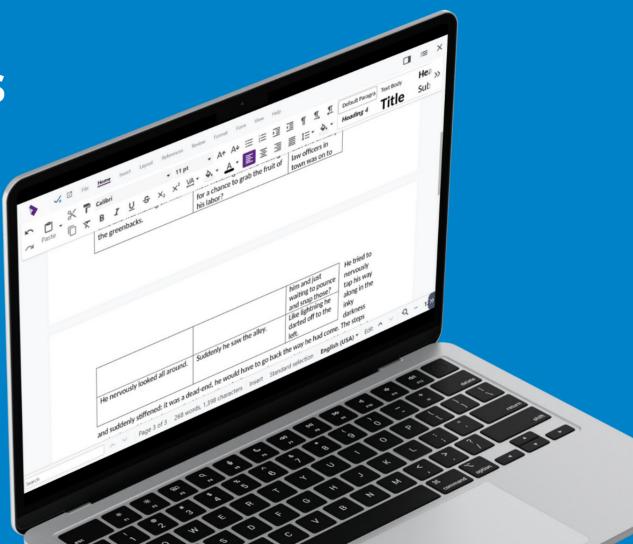




Floating tables

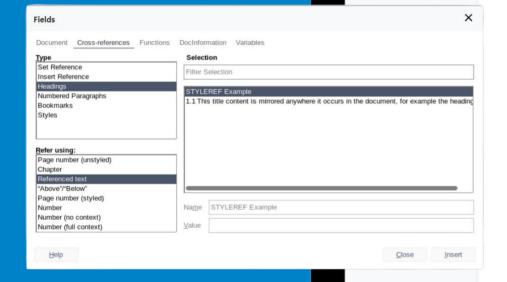
- Allows your tables to span content over multiple pages inside floating frames
- Preserving layouts across platforms
- 1. Usability
- 2. New features

3. Interoperability





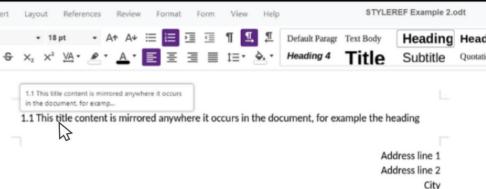
StyleRef



- 1. Usability
- 2. New features

3. Interoperability

4. Performance



Country

Date: dd/mm/yyyy

Draft Legal Document

STYLEREF Example

Below is a title, formatted with the 'Heading 1' style.

Writer can now insert a STYLEREE cross-reference field, so that the content is updated anywhere it is used, for examples headers and footers.

1.1 This title content is mirrored anywhere it occurs in the locument, for example the heading

By mirroring the content of titles, you can make sure you always know what section of a document



Lots more hard work!

- Compact View of Pivot Tables
 - Calc can now preserve more recent Excel default of compact Pivot Tables
- Colour theming
- And much more ...
- 1. Usability
- 2. New features

3. Interoperability



4. Performance

- 1. Usability
- 2. New features
- 3. Interoperability

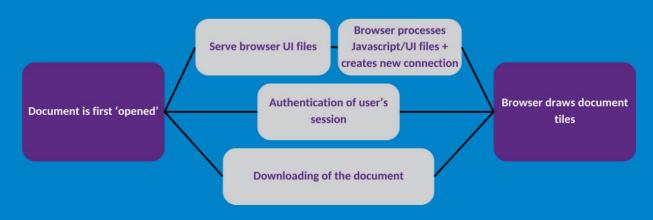


2x Faster Document Loading



Carrying out processes in parallel to halve load times

- 1. Usability
- 2. New features
- 3. Interoperability



Up to 2x faster in parallel



Up to ~18x Faster Tile Compression

- This speed-boost stacks two improvements
 - 4.5x performance from run length encoding
 - 4x performance improvement from improved threading
- Combined for
 ~18x speed boost for tiles
- 1. Usability
- 2. New features
- 3. Interoperability



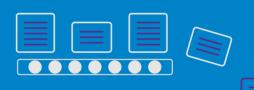




Improved threading in Calc

- We tested time for loading, recalculation, and saving
- 650,000 test spreadsheets
- Time reduced from 3 days, to 36 hours
 - ~2x speedup
- 1. Usability
- 2. New features
- 3. Interoperability









Lots of work over the past year!

Let us free your documents



Thank you for listening Any questions?

Michael Meeks - CEO Collabora Productivity