New features in the Online since the last conference

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LibreOffice Online

High fidelity, WYSIWYG rendering

- A tough problem; 20+ years of code.

Great Interoperability Support:

- DOC, DOCX, PPT, PPTX, XLS, XLSX + ODF.
- Import/View Visio, Publisher + 100 more

Easy to deploy

- No database, plain C++ binaries, no expensive dependencies, just eg. use the CODE docker

Rich Document Collaboration

- More and more features known from the desktop LibreOffice exposed with every version
What does it look like

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

LibreOffice is the world’s most popular Open Source Office suite with over 200 million users. Collabora, a leading contributor to the project, and developer of the enterprise-ready, Long Term Supported edition of LibreOffice, Collabora Office, has now brought LibreOffice to the Cloud with Collabora Online.

With Collabora Online you now have access to a powerful, enterprise-ready and 100% Open Source Online Office suite functionality, with excellent support for all popular office file formats and...
What does it look like #2

GuitarShopExample.com

1/1/2016 - 12/31/2016

SERP Rank

<table>
<thead>
<tr>
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<th>Backlinks</th>
<th>Indexed URLs</th>
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<tr>
<td>page-5/</td>
<td>18</td>
<td></td>
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</tr>
</tbody>
</table>

Non-Paid Search Traffic

Search

Conversions 19,155
Signups 7,984

Guitar Straps 38
Bass Guitar Pick 236
Gibson Acoustic 143
Marshall Amp 550
Les Paul Guitar 90

John

Jane

Emily
The New Features
Avatar support in Nextcloud

September 2017

- Implemented in richdocuments by Lukas Reschke (Nextcloud) during the conference :-)
- The support in the Online was pre-existing though

![Chat transcript]
Spell checking support

In Writer, Calc and Impress

- Including new menu item to turn on/off the automatic spell checking – needed some LibreOffice fixes too
- Submenus to switch the languages and statusbar to indicate the current language added too
- Henry Castro, Andras Timar (Collabora)
Save As support

Implemented using the WOPI’s PutFileRelative entry point

- Needed to be implemented on several levels
  - Infrastructure work in loolwsd
  - User interface – Save As... menu and input field
  - Support in the integrations (richdocuments)
- Done by Aditya Dewan (GSoC), Pranav Kant (Collabora) and Jan Holesovsky (Collabora)
Dialogs from LibreOffice

Exposing advanced features via dialog tunneling

- Advanced character, paragraph and page properties
- Line, fill, cell properties, etc.
- All that collaboratively!
- Dialogs exposed online have to be async
  - See a separate presentation about that
- Done by Pranav Kant (Collabora)
Various Calc improvements

Tunnelling the AutoFilter popup

- Using the same infrastructure as the dialog tunnelling itself
- Jan Holesovsky (Collabora)

Improved headers and tabs in Calc

- Outline and groups handling
- Hidden tabs
- Marco Cecchetti (Collabora)
Improved language support

Implemented IME support for Asian languages

- Very hard behind the scenes – the web browsers make the life hard
- Pranav Kant (Collabora)
Many improvements around charts

Data series editing

- Marco Cechetti, Pranav Kant (Collabora)

Creation of new charts

- Previously it was only possible to see an existing chart
- Now the creation is possible not only in Calc, but also in Writer and Impress
Data validation in Calc

Particularly the support for the dropdowns in the cells

- When the user may choose from several choices
- The rendering cannot be in the tiles, but we had to create a separate layer for that in JS, so that validation popup from one view does not appear in the other

- Marco Cecchetti (Collabora)
More spell checking improvements

Later in the year

- The spell checking dialog
- Right-click context menu for rapid choosing an alternative
- Previously this functionality was just disabled, otherwise it would crash
- Support for built-in LibreOffice dictionaries
- Henry Castro, Marco Cecchetti, Jan Holesovsky, Tamas Zolnai (all Collabora)
Improved the Paste operation

Significantly improved clipboard paste

• Now it preserves formatting, tables, images and more – you can copy from the desktop LibreOffice and paste to the Online

CSV paste in Calc
Conditional formatting support

Conditional formatting was displayed properly

- But it was impossible to create new conditional formatting
- Exposing just the dialog was not convenient – very complex UI
- Instead, people expect an easy to use dropdown
Easy to use Borders toolbar button

In addition to the advanced Borders dialog

- People used to have difficulties finding the dialog, necessary to have the toolbar button too
Smaller bits

- Interactive horizontal ruler – Aditya Dewan (GSoC)
- Insert header / footer menu – Henry Castro (Collabora)
- Fixes of various unexpected jumps of the caret, reduction of dialogs flickering, etc.
- Improved the UI of the Print... functionality in Firefox
- Many improvements in the admin console
  - Thanks to Aditya Dewan (GSoC)
Summary

- This is just a featured selection, much more has happened!
- Join the fun – clone the online.git, and implement your favourite missing feature :-)

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