





By Pedro Pinto Silva **Designer at Collabora Productivity** 

@PedroPS



























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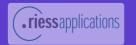






























#### CODE

Collabora Online Development Edition



GitHub





#### **Build Collabora Online**

Are you interested in contributing but do not know where to start? Head over documentation or start of by following these step-bystep instructions and build CODE from scratch.







**Easy Hacks** 



FAQ

AQ





#### CODE

Collabora Online - Commun X

Collabora Online Development Edition







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**Build for Android** 

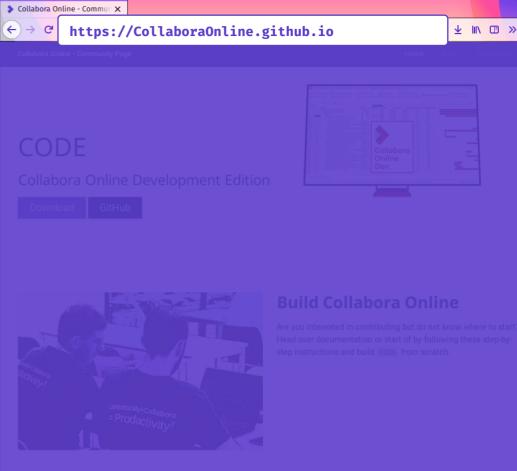


**Easy Hacks** 



FAQ

online collaboration office suite with great support for all major document, spreadsheet and presentation file formats. It is based on LibreOffice and used in combination with software for managing, sharing, files.









re been prepared for and tested on openSUSE Leap 15.1. You ustments for other releases.

#### **Dependencies**

General Instructions

We need LibreOffice core, POCO library and several other libraries and tools to build CODE. Open a terminal and follow the steps below

zypper ar http://download.opensuse.org/repositories/devel:/libraries:/c\_c++/openSUSE\_Leap.

Collabora Online - Commun X

https://CollaboraOnline.github.io

**↓ III □ >>** 











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**Easy Hacks** 



**FAQ** 







Interface decisions



In code structure



Component x



#### Markup

Split it in different files

Removing redundant rules across all files

Avoiding guessing the device with CSS queries

#### **Automatically inspect files**

**Unify formatting** 

Fix stylistic errors and reduce declarations

Exclude few exceptions

```
# menubar.css
# mobilewizard.css
# notebookbar.css
# partsPreviewControl.css
# scrollBar.css
# searchControl.css
# selectionMarkers.css
# sidebar.css
# spreadsheet.css
# toolbar-mobile.css
# toolbar.css
# vex.css
# w2ui-1.5.rc1.css
# writer-mobile.css
# writer.css
```

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```
#spreadsheet-toolbar {
     bottom: 0;
#spreadsheet-toolbar {
     background-color: #fbfbfb;
     border-top: 1px solid #eceff4;
     height: 40px;
     padding-top: 6px;
     padding-left: 1px;
     padding-bottom: Opx;
     padding-right: <a href="#">Opx</a>;
```

#### Markup

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Removing redundant rules across all files

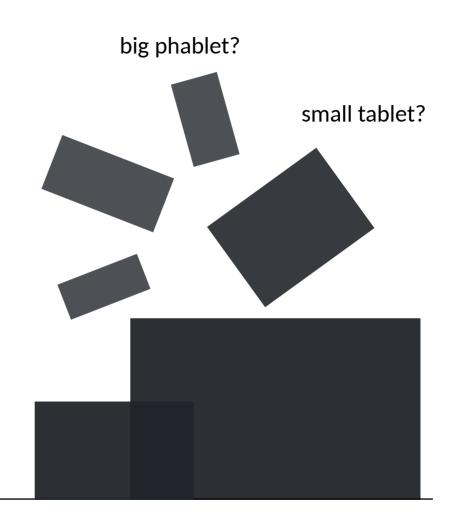
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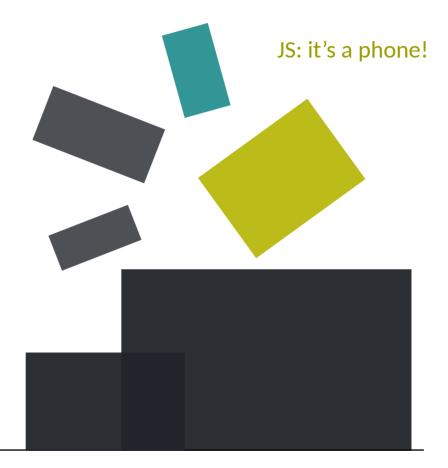
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Inspect it at every > make run

CSS: it's a tablet!



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#### CSS: it's a tablet!

```
JS: let me think
isMobile: function() {
  Return L.Browser.mobile &&
  (screen.width < w | | screen.height < h)
isTablet: function() {
  return L.Browser.mobile &&
  !window.mode.isMobile();
```

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#### **Automatically inspect files**

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- Fix space inconsistencies before!
- Fix space inconsistencies after colon
- Fix space inconsistencies after and before combinator (>, +, ~)
- Invalid calc operations

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•••

- Many rules added to json

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- Fix space inconsistencies before!
- Fix space inconsistencies after colon
- Fix space inconsistencies after and before combinator (>, +, ~)
- Invalid calc operations

•••

- Many rules added to json
- Exclude 3<sup>rd</sup> party files

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#### **Automatically inspect files**

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Inspect it at every > make run

Checking for admin JS errors...

~/online/scripts/unocommands.py --check
~/online

Checking for CSS errors...

css/device-mobile.css

581:1 Unexpected duplicate selector "#toolbar-up .checked", first used at line 479 no-duplicate-selectors

Checking for loleaflet JS errors...





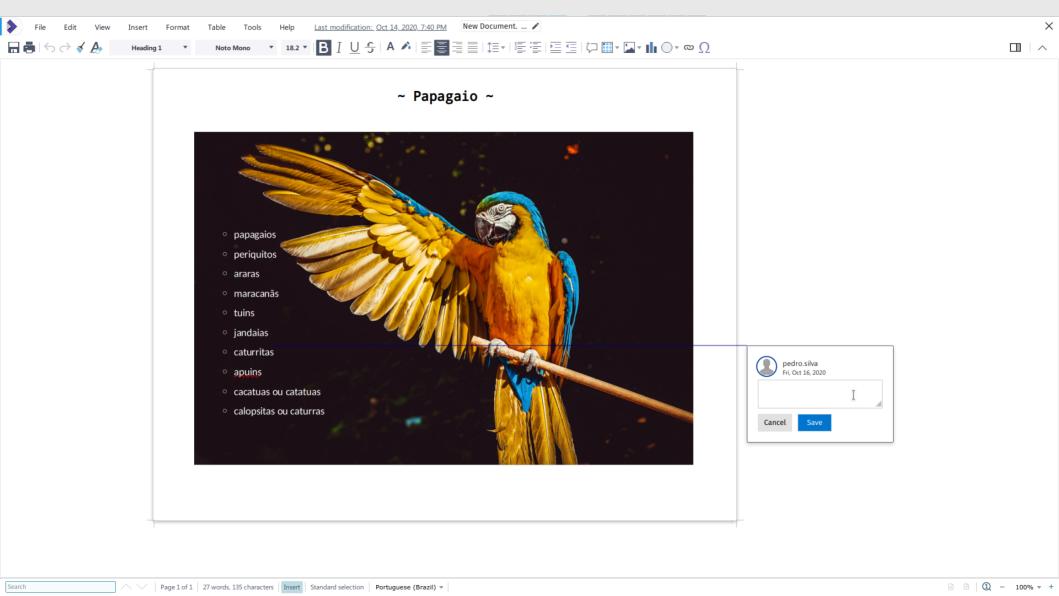
Make it crystal clear

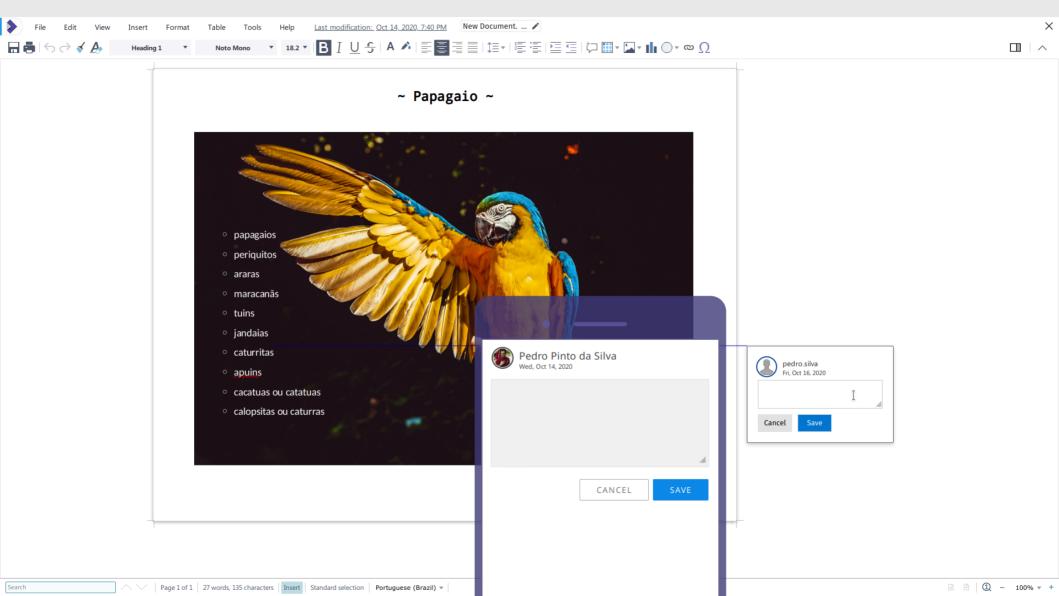
#### **Decrease redundancy**

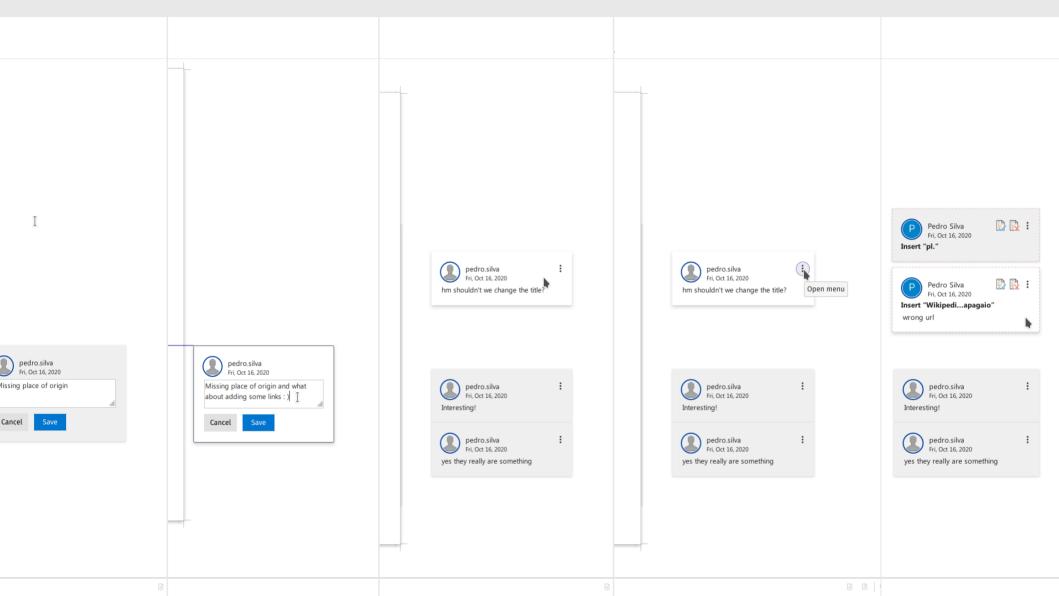
Use the same dialog type for more places (Thanks Pranam!)

An opportunity to bring more features to mobile

Lots of great work from Szymon!





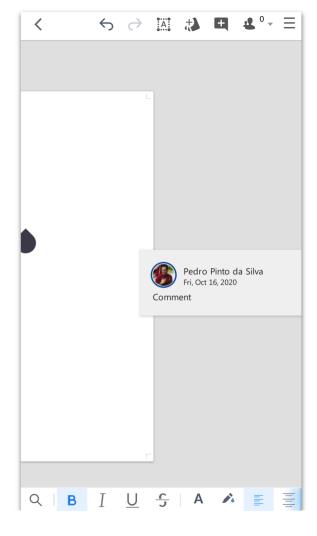


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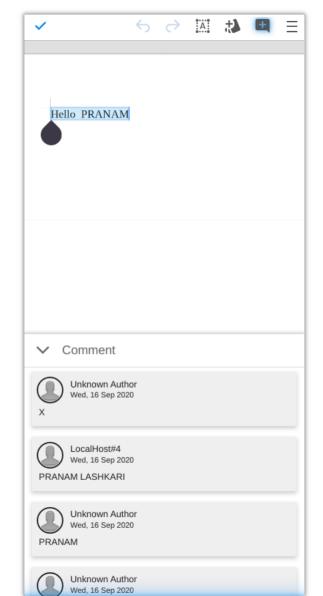


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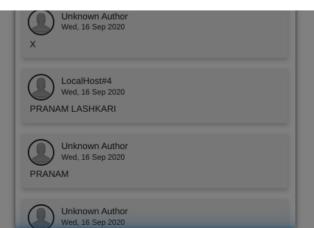


Mobile: Create new top bar comment icon

Easy Hack Hacktoberfest design good first issue phone

#202 opened 7 days ago by pedropintosilva

https://collaboraonline.github.io/post/easyhacks/





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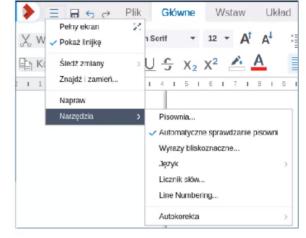
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Fixing/Unifying units used for input fields, spinners etc



Hamburger menu

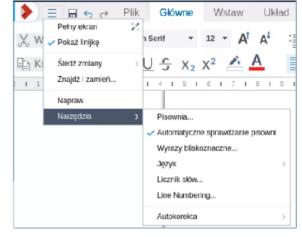
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#### Hamburger menu



Color pickers

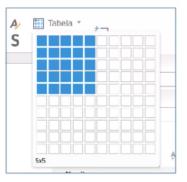
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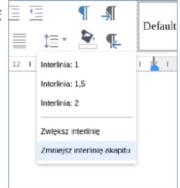
#### Lots of great work from Szymon!



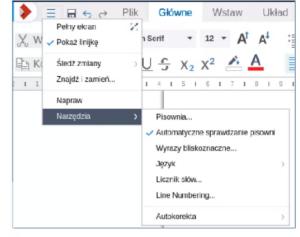


Insert table dropdown

or input fie



Line spacing dropdown



#### Hamburger menu



Color pickers

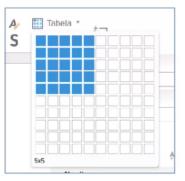
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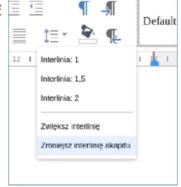
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Fixing,

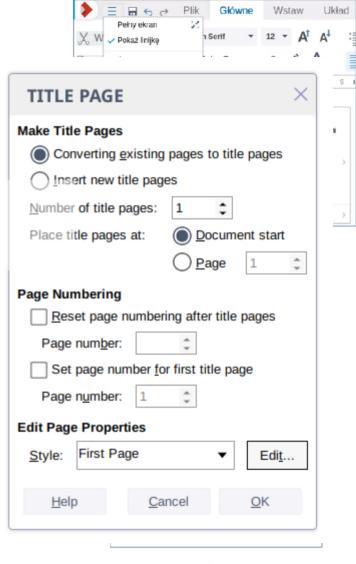


Insert table dropdown

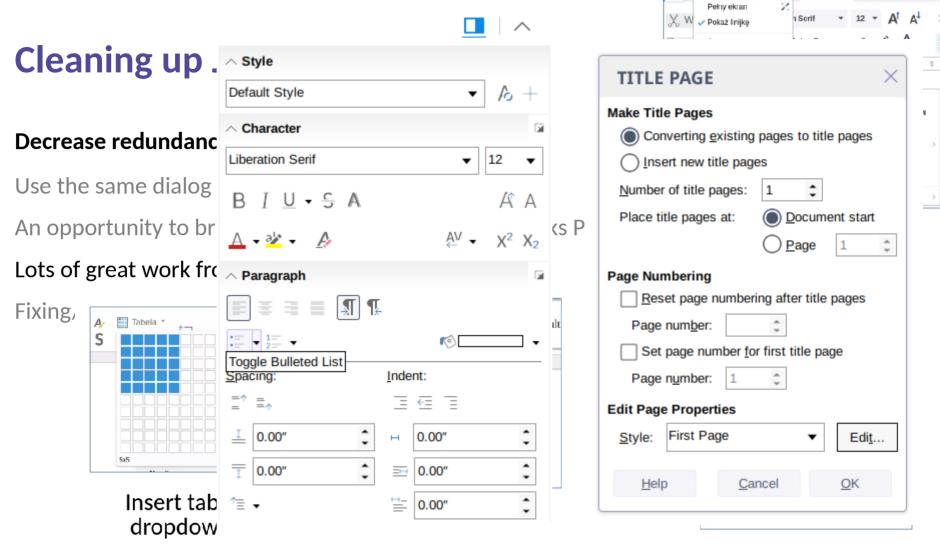
or input fie



Line spacing dropdown



Color pickers



Color pickers

Główne

Wstaw

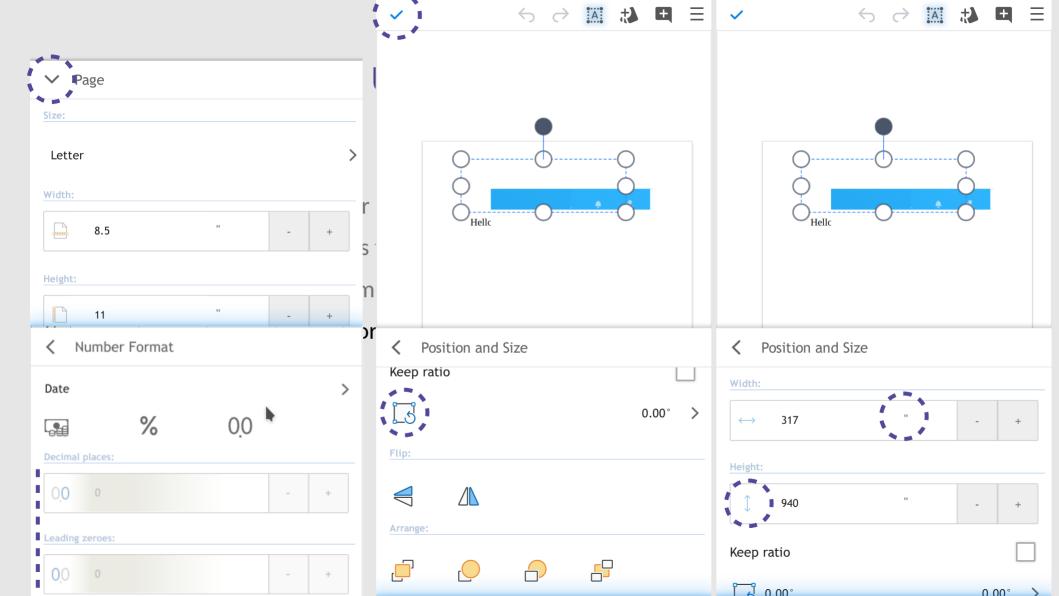
Układ

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Use ^ to bring more features to mobile (Thanks Pranam!)

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### Working closely with partners

Providing a clear interface

Making sure the whole workflow is known

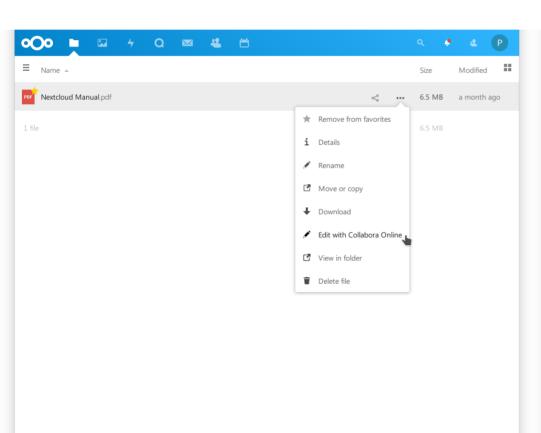
# col.la/partners

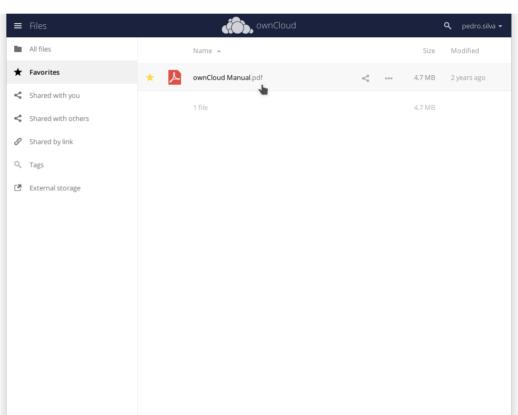
Big thanks to ownCloud (PDF search) and Microfocus (annotations) for sponsoring this

Thanks for the great effort on the thecnical side Tomaz Vajngerl (quikee)!







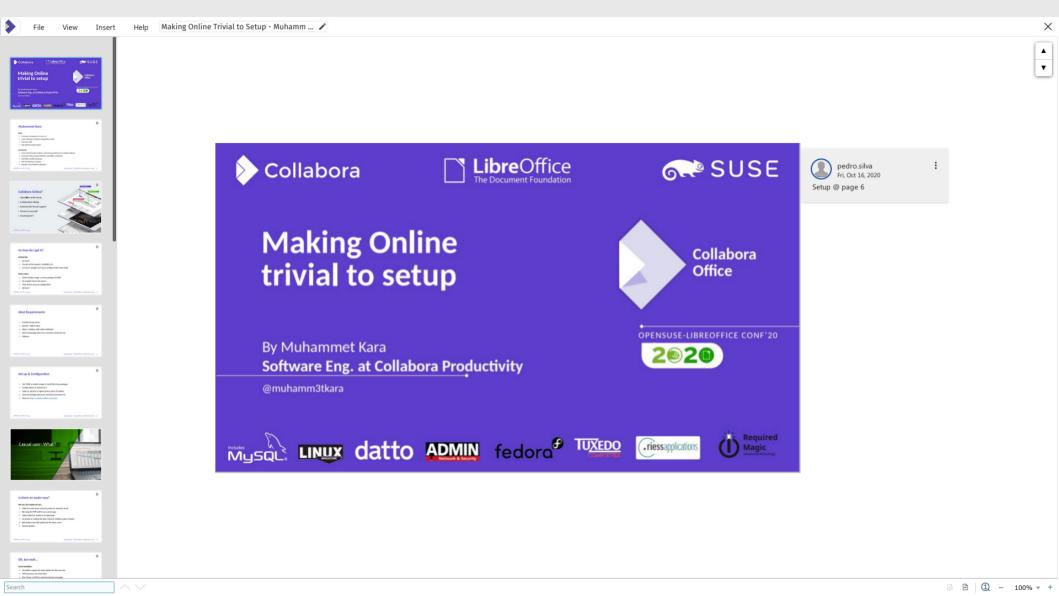


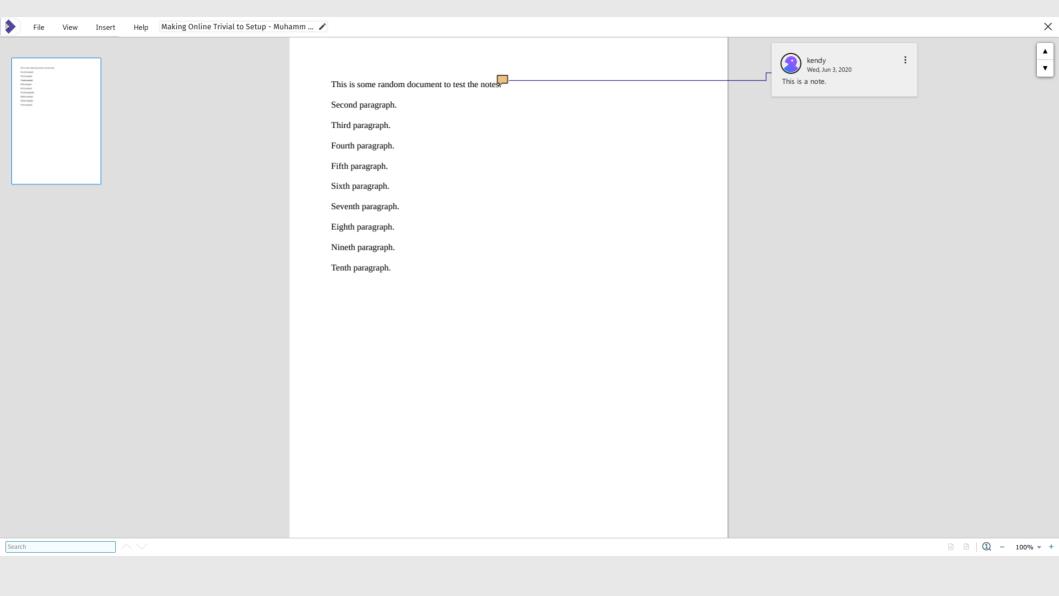
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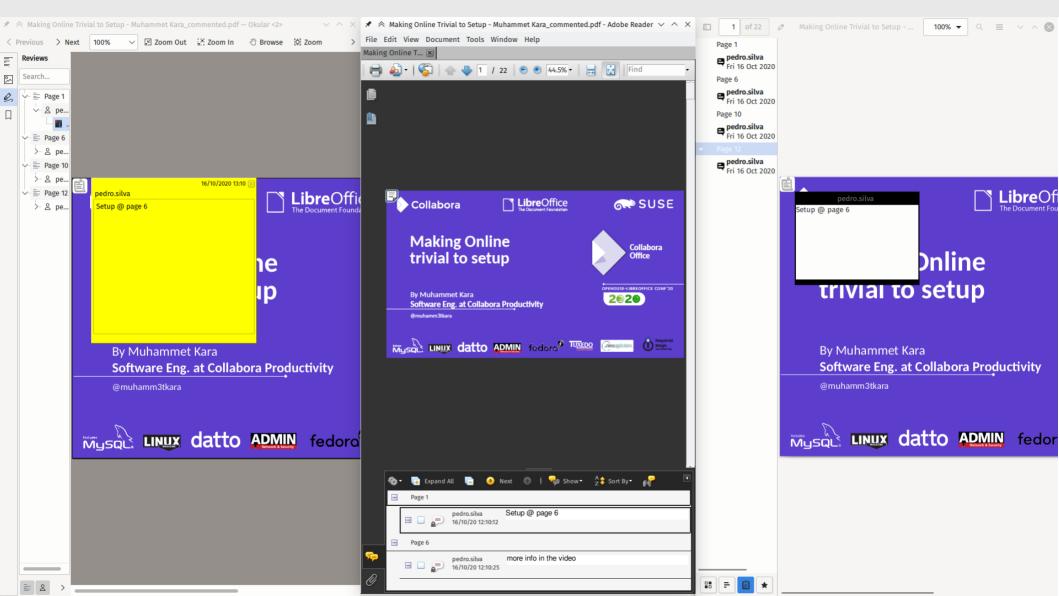


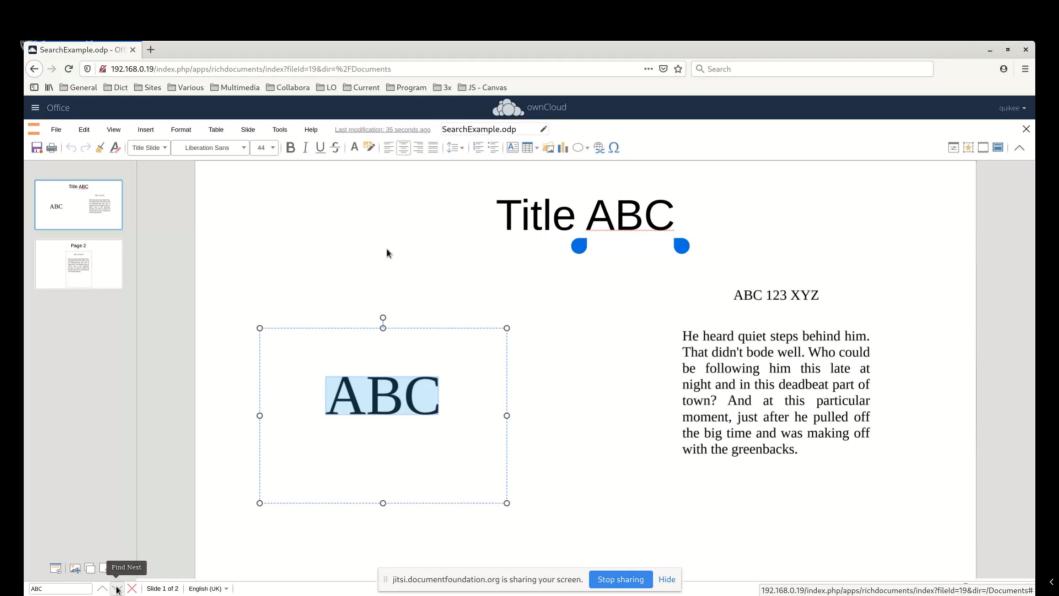
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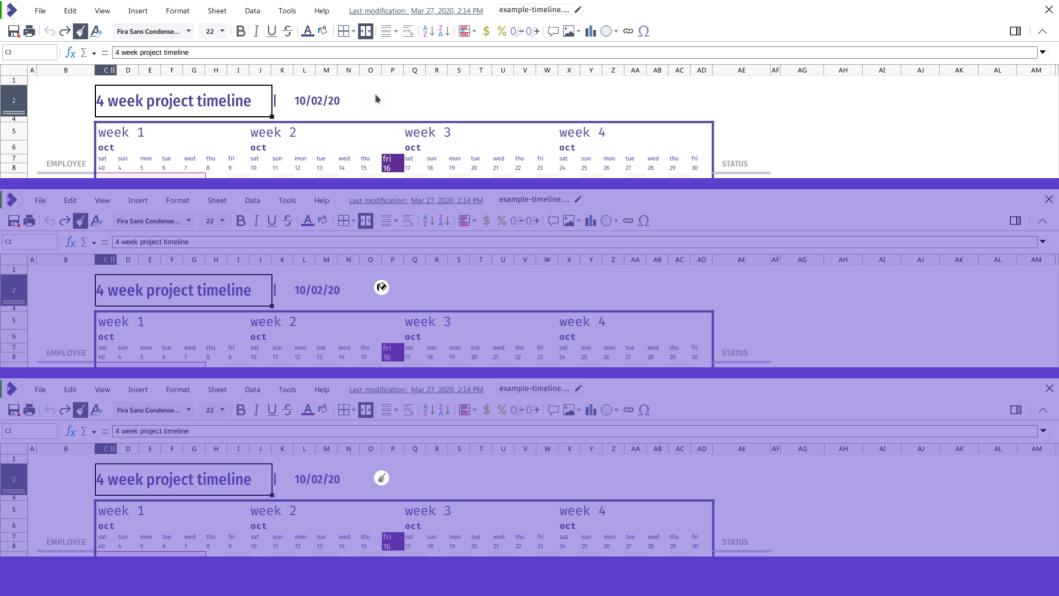
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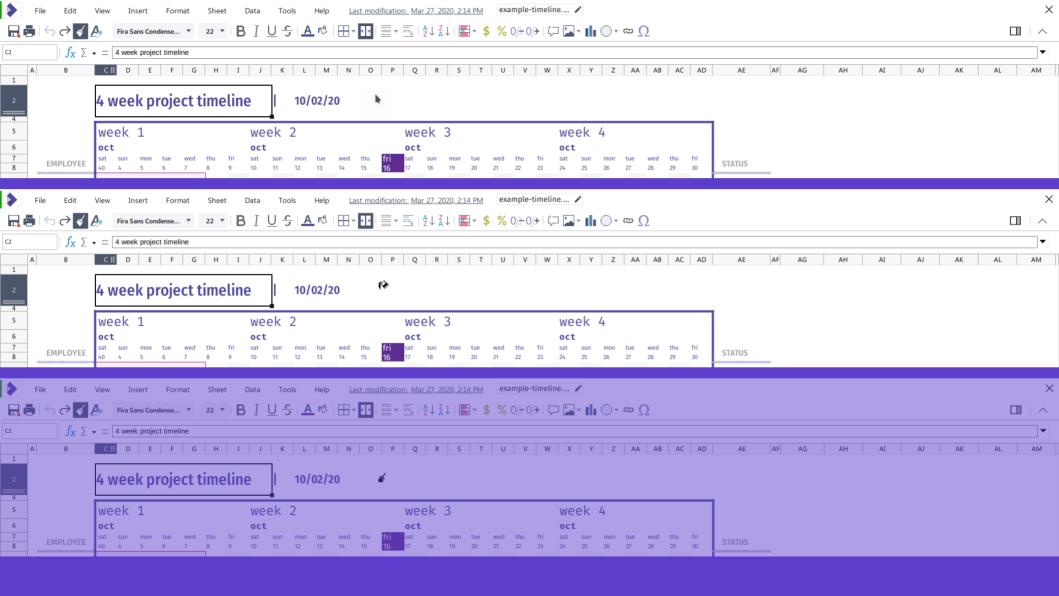
Providing a clear interface

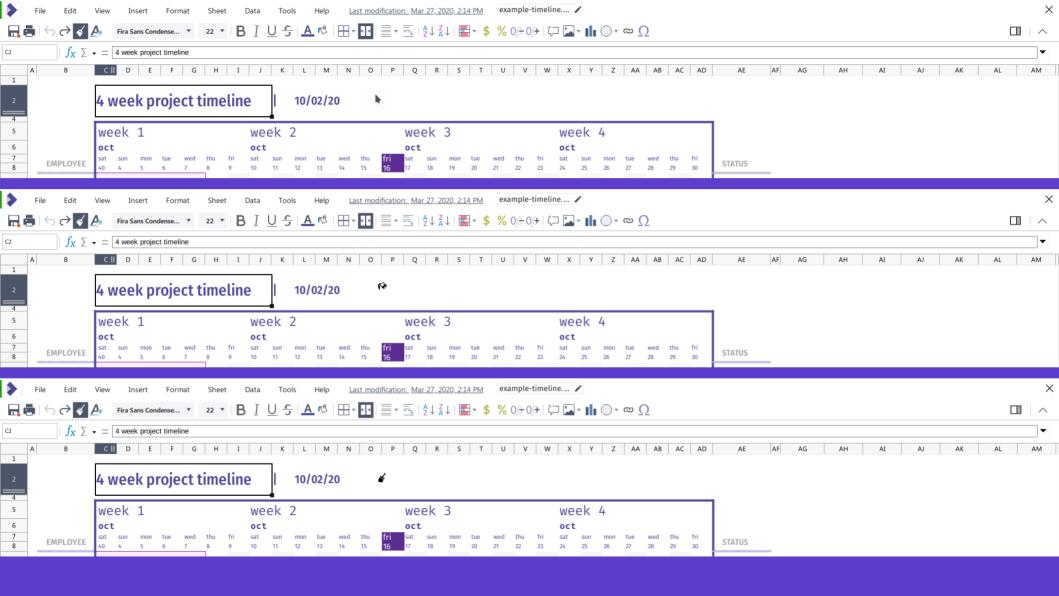
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# **Enabling**

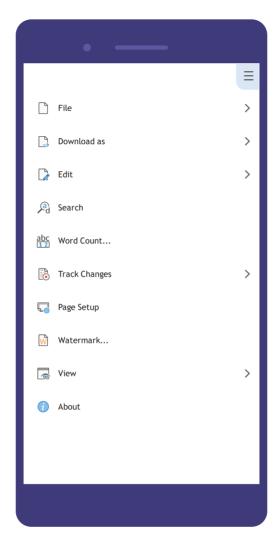


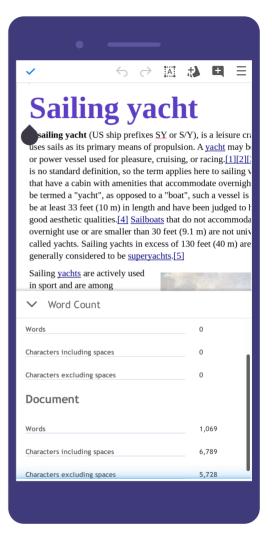
http://col.la/foriOS

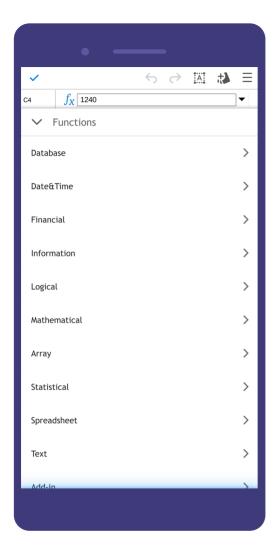
http://col.la/forAndroid

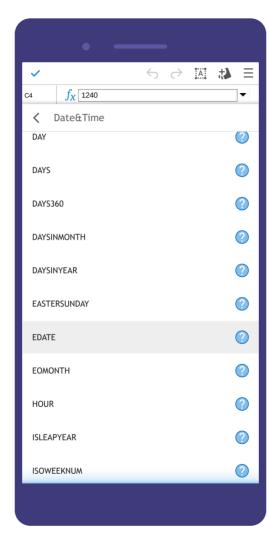
















## So much to share!



http://col.la/COvsDocs

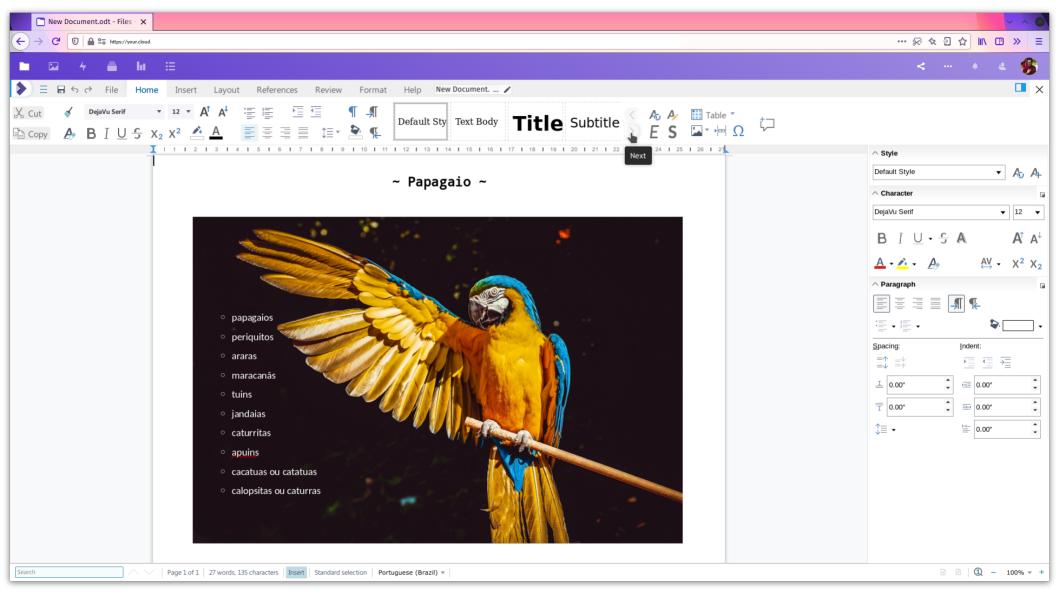
# **Flexibility**

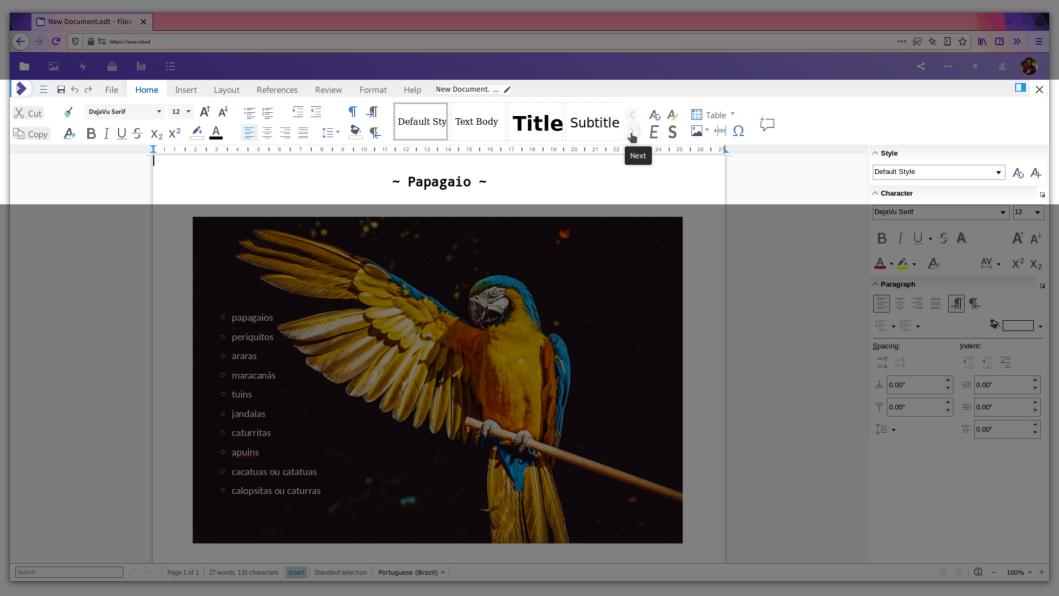
# Flexible and friendly

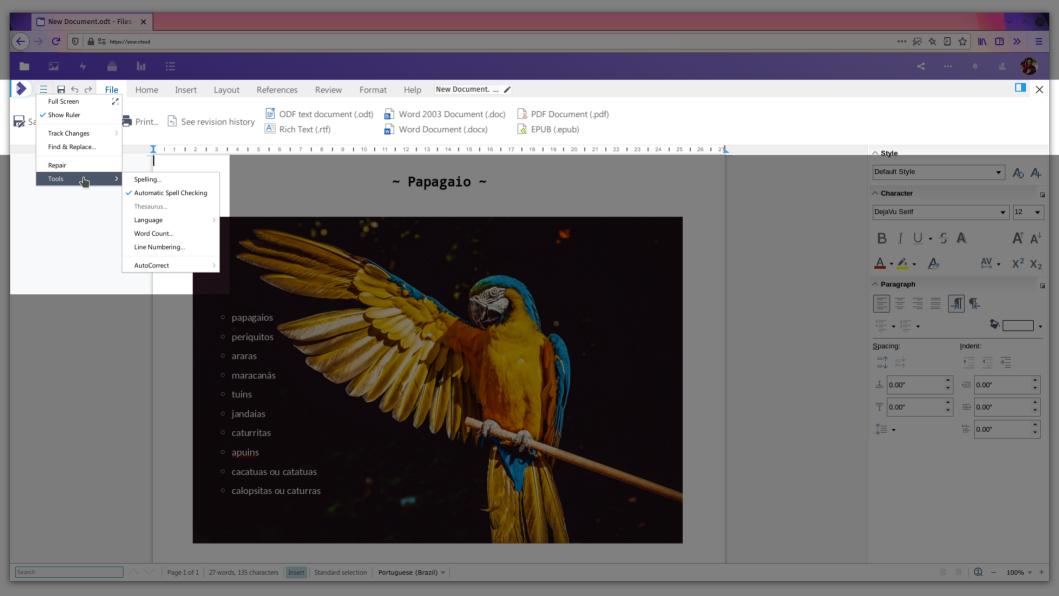
### New notebookbar

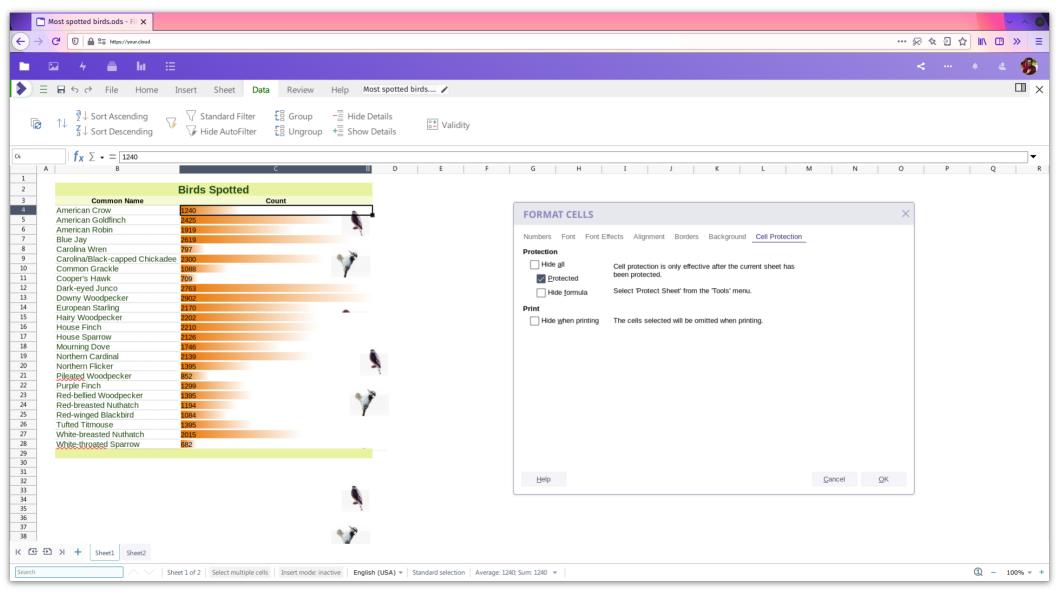
What about small factor laptops?

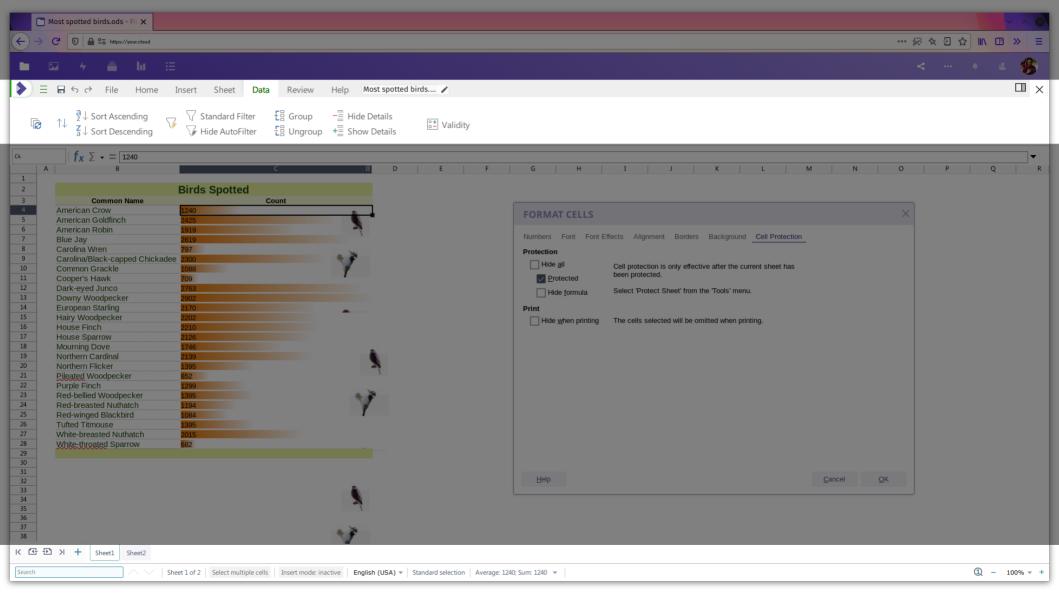
Classic still rocking and available









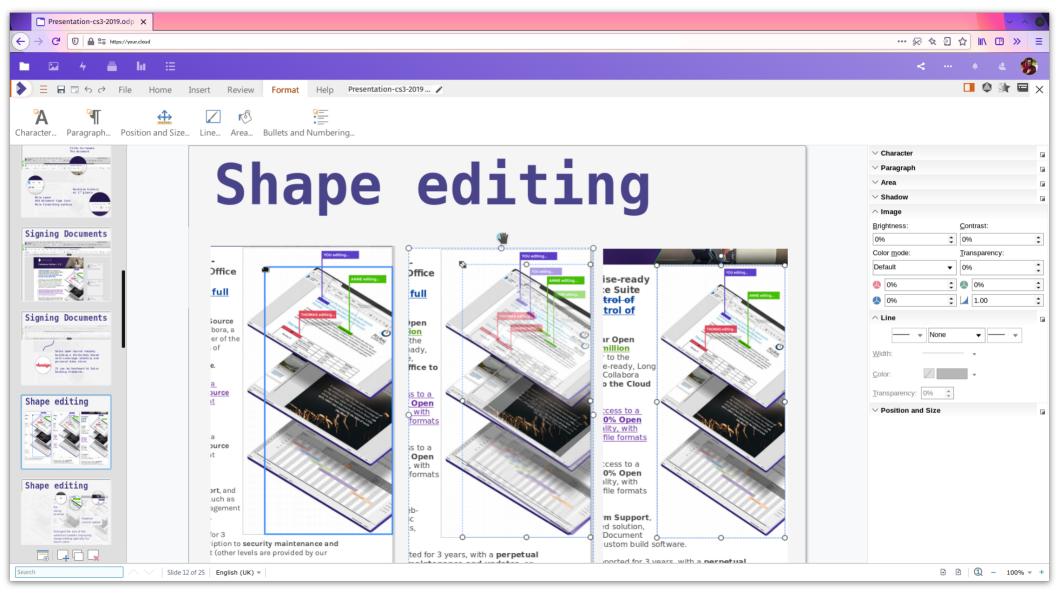


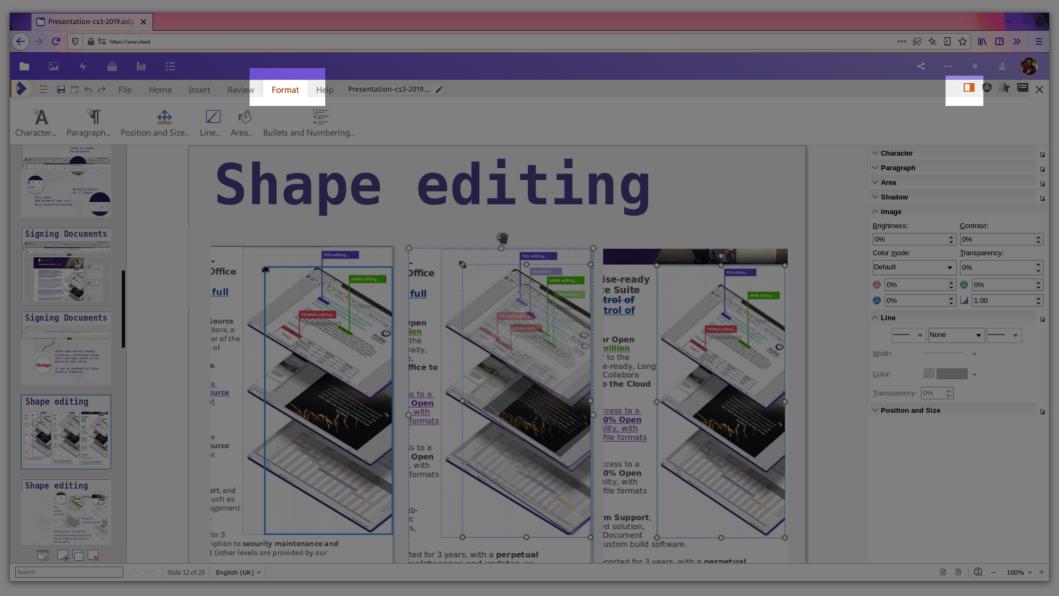
# Flexible and friendly

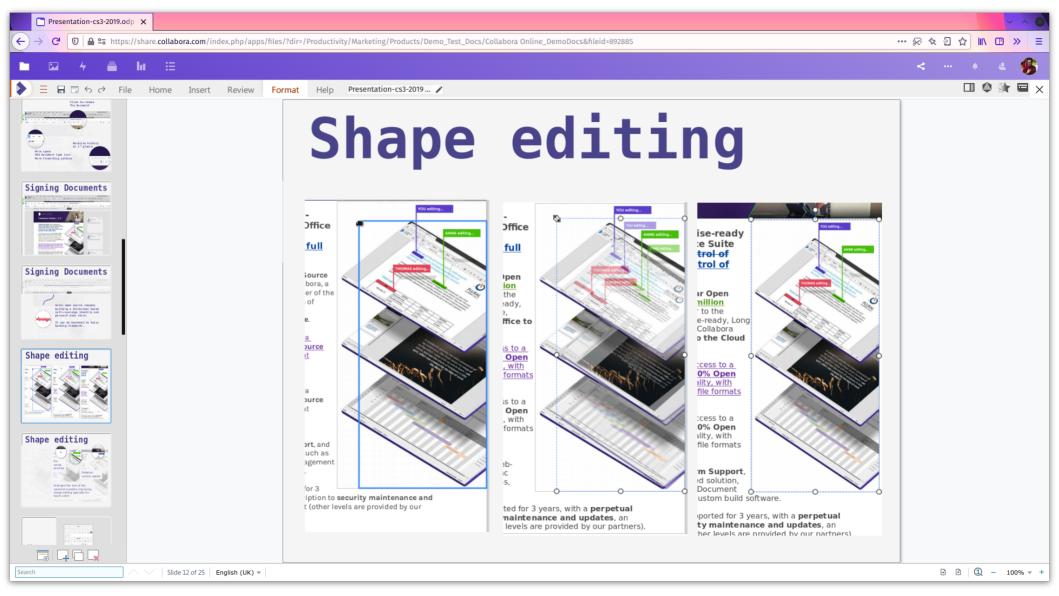
New notebookbar

What about small factor laptops?

Classic still rocking and available





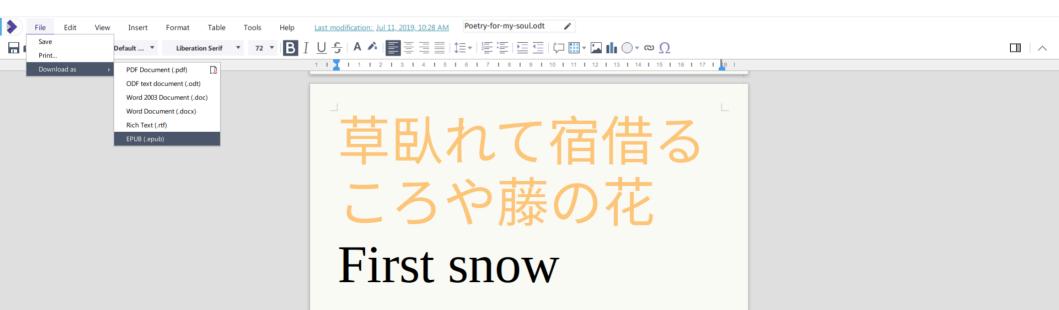


# Flexible and friendly

New notebookbar

What about small factor laptops?

Classic still rocking and available

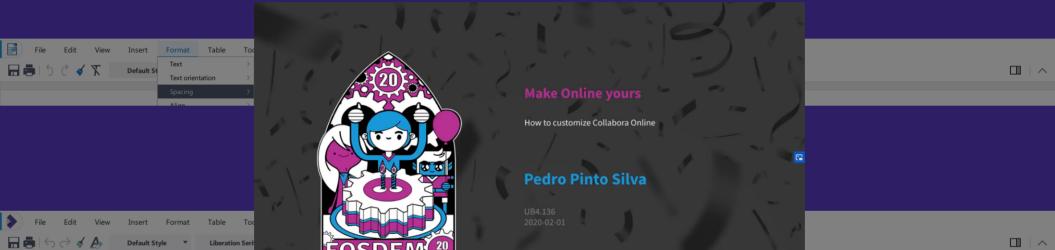




# Make it yours!



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# Or tag along and help!

# **Styling**

- Easier to spot the problems
- Better for consistency
- It's only getting better and ...

```
--docs-font: 'Open Sans', 'Helvetica Neue
--docs--pre-font: 'Consolas', 'Menlo', 'L
/*LibreOffice Colors: https://wiki.docume
--blue1-txt-primary-color: 3, 105, 163;-
--green0-txt-primary-color: 16, 104, 2; /
--orange1-txt-primary-color: 163, 62, 3;
--gray-light-txt--color: #696969;
--gray-bg-color: #EFEFEF;
```



Collabora Online Development Edition



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### **Build Collabora Online**

Are you interested in contributing but do not know where to start? Head over documentation or start of by following these step-by-step instructions and build CODE from scratch.

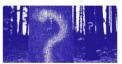


Are you familiar with Android development environment and interested to learn more while



### **Easy Hacks**

Check out the starting points for new developers on the project usually with code pointers helping you to locate the area to hack on



### FAQ

Perhaps your question is one that we have been asked before; have a read, and let us know if not.







