

# Present in window

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Collabora  
Online



Technical Day  
COOL  
days

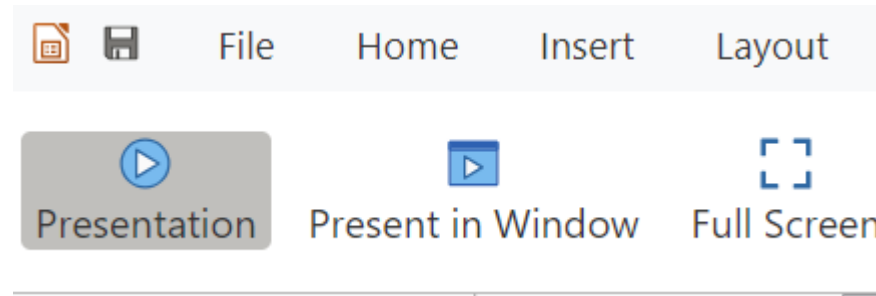




# Current presentation options

- Currently we and all other presentation software only has the option to present in the current window
- The proposed feature is to present in a popup window

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# Implementation

- The initial feature wasn't too hard to implement as we use similar functions instead all that was needed was:
- New button and command
- Handler for command
- And using `window.open` to make a new window

```
window.open(this._slideURL, '_blank', 'popup');
```

- Already we have a useable function, but it is not ready for release just yet
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# Improvements: snackbar

- The biggest improvement was adding a snackbar notification alerting the user that another window was opened

Presenting in window   Dismiss   Close Presentation

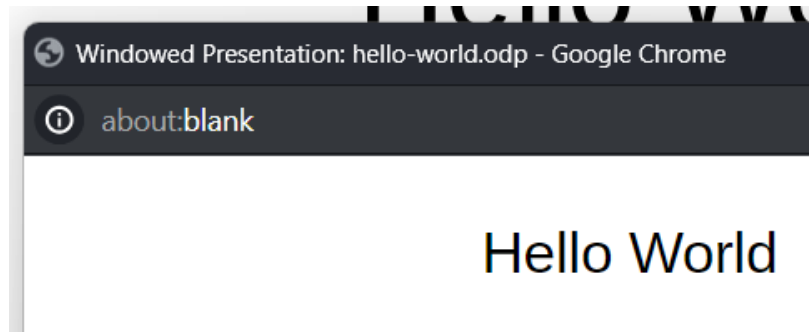
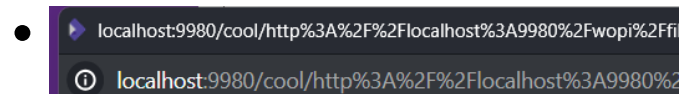
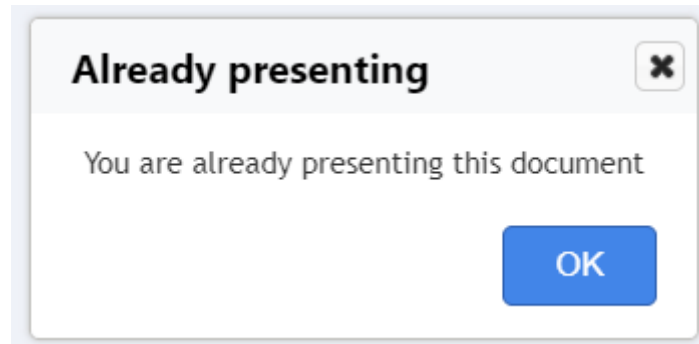
- Credit to Vivek(<https://github.com/codewithvk>) for fixing a bug where the snackbar persists after the popup is closed (<https://github.com/CollaboraOnline/online/pull/8113>)

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# Improvements:misc

- Limit each user to one presentation
- Focus popup
- Allow keyboard shortcuts (arrow keys and escape)
- Change popup window name and URL





# Finished feature

The screenshot displays the Collabora Online web interface for editing a presentation. The top menu bar includes 'File', 'Home', 'Insert', 'Layout', 'Review', 'Format', 'View', and 'Help'. The title bar shows 'hello-world.odp'. The main editing area contains a slide with the text 'Hello World' in a large, black, sans-serif font. Below the title bar, a toolbar offers various editing tools, including text formatting (bold, italic, underline, color), alignment, and insertion options. On the left side, a slide thumbnail pane shows three slides: 'Hello World', 'Slide 2', and 'Slide 3'. The bottom status bar indicates 'Slide 1 of 3', the language 'German (Germany)', and the 'Edit' mode. The bottom right corner shows navigation controls and a zoom level of 100%.

hello-world.odp

Libertation Sans 18 pt

Home Insert Layout Review Format View Help

Paste

B I U S A F

Shapes

Line Color

Image

Text Box

Connectors

Fill Color

Presentation

Hello World

This is some text

Slide 2

Click to add text

Slide 3

Click to add text

Search

Slide 1 of 3 German (Germany) Edit

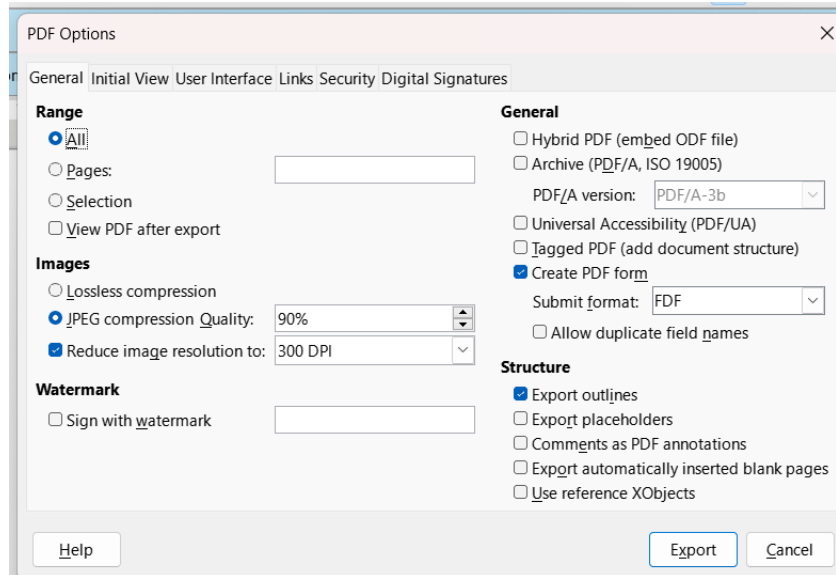
100%

# PDF Export Options



# Outline

- We already have the option to export to pdf in our desktop app and all the complex code is already implemented
- Lets port this feature over to online







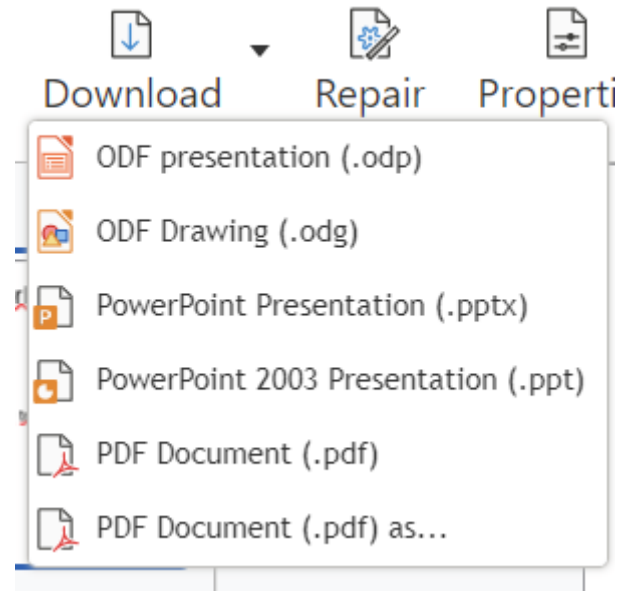
# What needs to be done

- Online side:
- Create a new button and associated command
- Send the command to core
- Download the pdf file core builds
- Core side:
- Make the pdf dialog and sub dialogs asynchronous



# Online changes:

- Online side:
- Create a new button and associated command
- Send the command to core
- Thanks to Szymon for all the help, especially with JSDialogs
- 
- 



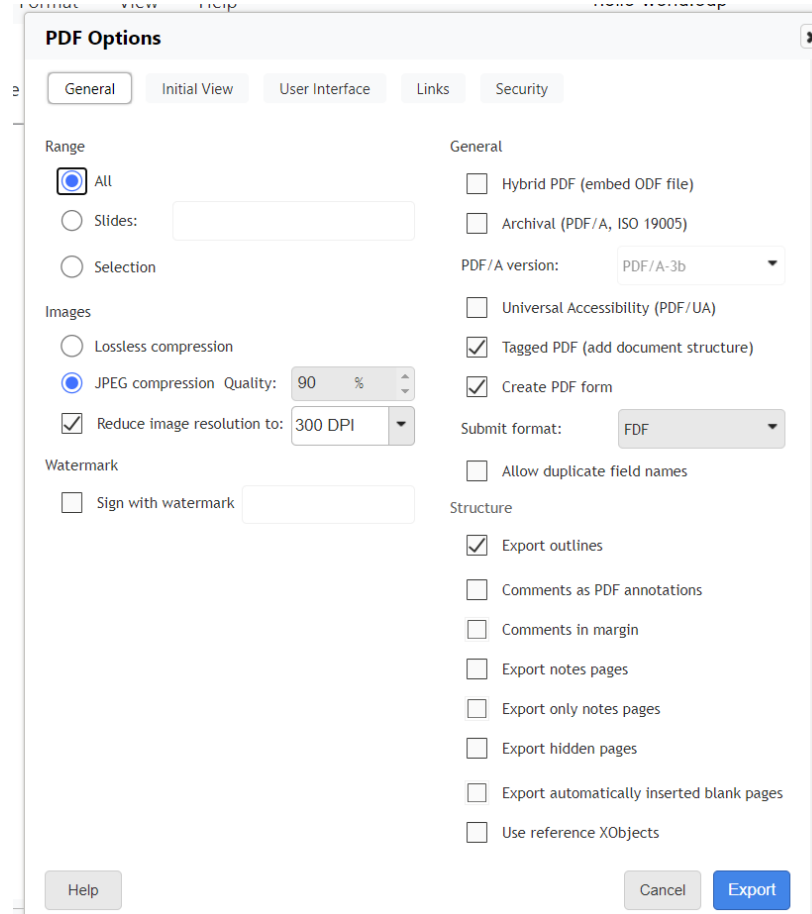


# Making core asynchronous

- Why does this even matter?
- Seems simple but can quite easily require large changes, as everything from the command being received needs to run in async, and often we rely on code being executed before continuing (blocking/synchronous)
- <https://gerrit.libreoffice.org/c/core/+/140403>
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# Final product





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# Thank you!

*By Nick Wingate*



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