

# Page Navigator

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Technical Day  
COOL  
days

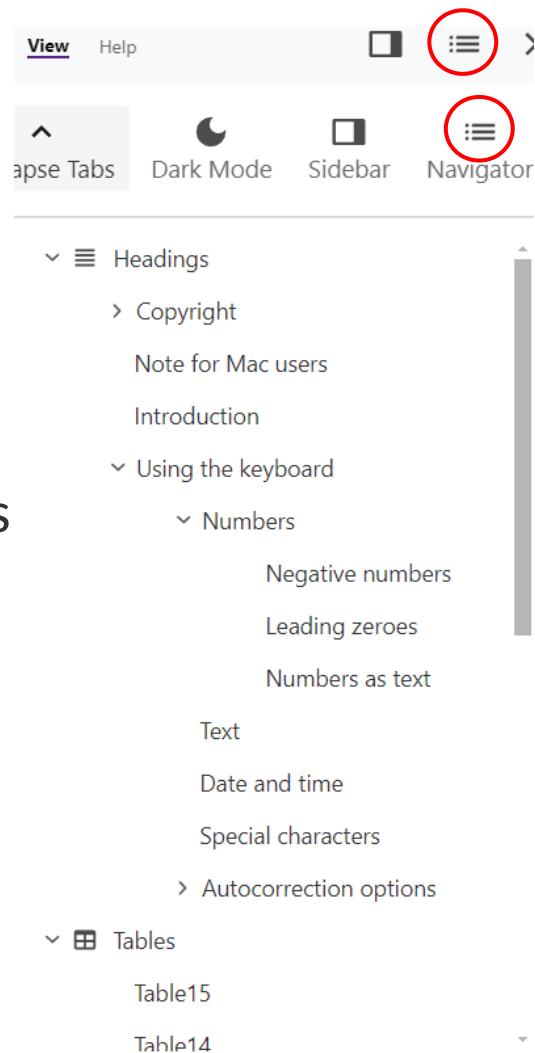




# The navigator:

## Easy / clean

- Maximized treeList  
Disabled UI controls elements (from core)  
(many not worked anyway)  
planned: pop-up window with extra commands
- Hide empty content types (Writer only)
- Made better scrolling  
(selection change → minimal scroll to show selected item)
- Opened headings by default





# Usage:

- Double click on treeList item:  
→ Selecting, and jump to item in Document.
- On document: move cursor to an item:  
→ TreeList select + scroll to that item. (Expand if needed)  
(some case may seems like jump problem.)
- Single click on treeList item: Only select item on treeList.
- Keyboard on treeList  
Arrows: change selection, expand/collapse  
Enter: (like double click) select+jump to item in document



# Writer, Impress, Calc

Different data structures, different code implementation.

## Writer

- ▼ ≡ Headings
  - > Copyright
    - Note for Mac users
    - Introduction
  - > Using the keyboard
- > ≡ Tables
- > ≡ Frames
- > ≡ Images
- > ≡ Sections
- > ≡ Hyperlinks
- > ≡ Indexes
- > ≡ Fields

## Calc

- > ≡ Sheets
  - Range names
  - Database ranges
  - Linked areas
  - Images
  - OLE objects
  - Comments
  - Drawing objects

## Impress

- Shape 5 (Image)
- ▼ ≡ Slide 3
  - Shape 1 (Title text 'Fragment...')
  - Shape 2 (Outline Text)
  - Shape 3 (Image)
  - Shape 4 (Image)
- ▼ ≡ Slide 4
  - Shape 1 (Title text 'Interdep...')
  - Shape 2 (Outline Text)
- ▼ ≡ Slide 5
  - Shape 1 (Title text 'Manv

- Fixed Content Types
- Heading is a tree



# Problems:

- Multiple items in same position in document.  
(Section, heading, hyperlink)
- Many things not finished in core:  
(Calc: not working: Document → navigator)
- Focus problems. (works differently in online)  
(Still issue: single click to select in treeList, move mouse to document  
→ selection may goes back)
- Info of scroll/selection/expanded lost on FullUpdate.  
had to eliminate what not really needed.



# User data, Multi user:

- Navigator close+reopen →  
lose data in treeList. (expanded/collapsed/...)
- core stored things in application data (user independent)  
heading states not saved (document related info)  
At Collabora Online, sometimes we got other user data.
- Fixed in Writer: expanded/collapsed status is saved to view, and  
synchronized with client.
- Refresh webpage → lose states, default view



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# Thank you!

*By Attila Szűcs*



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