

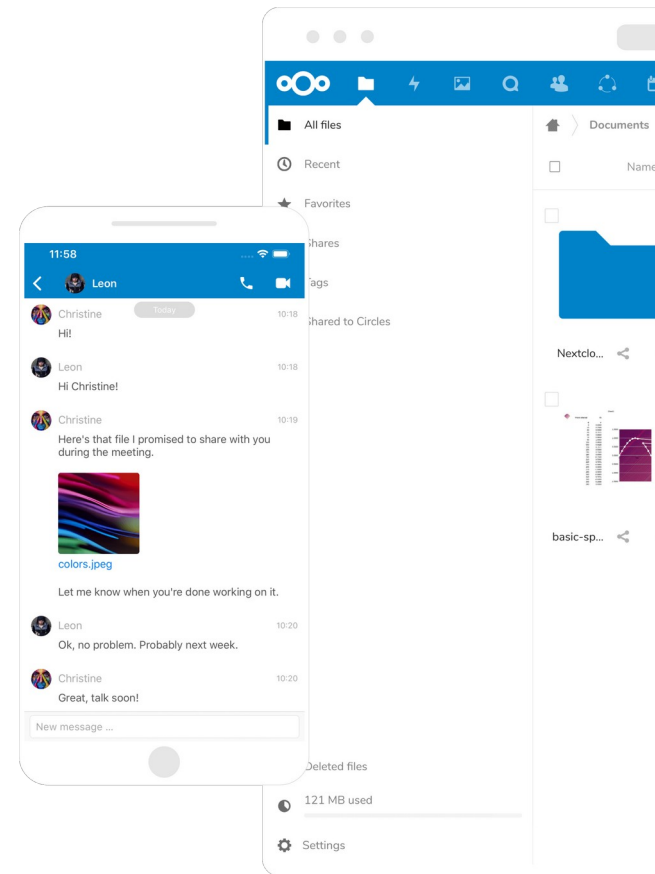


Nextcloud integration with Collabora Online

Julius Härthl
Software Engineer at Nextcloud

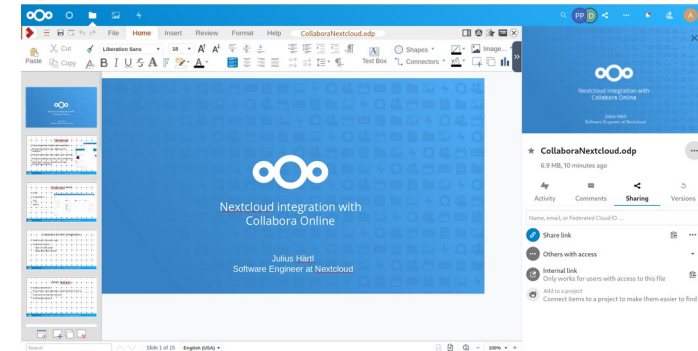
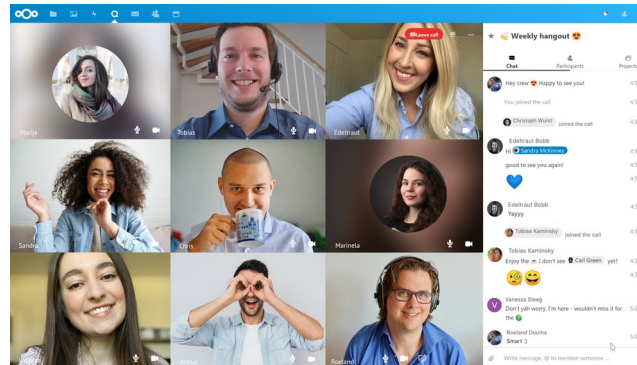
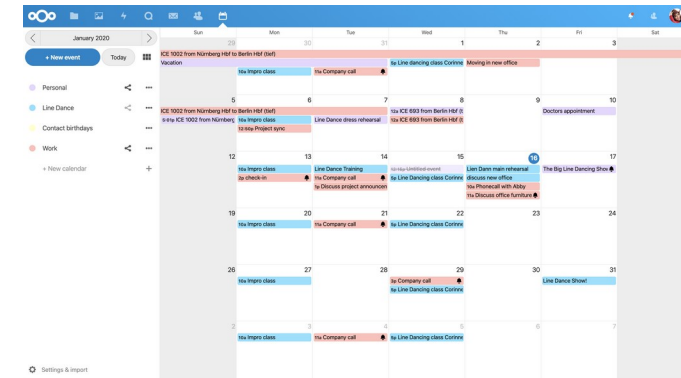
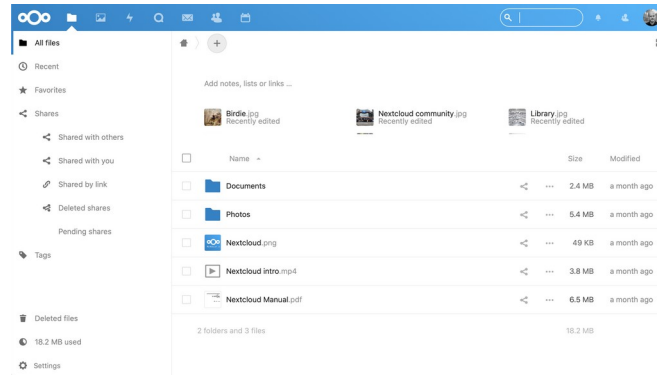
Nextcloud

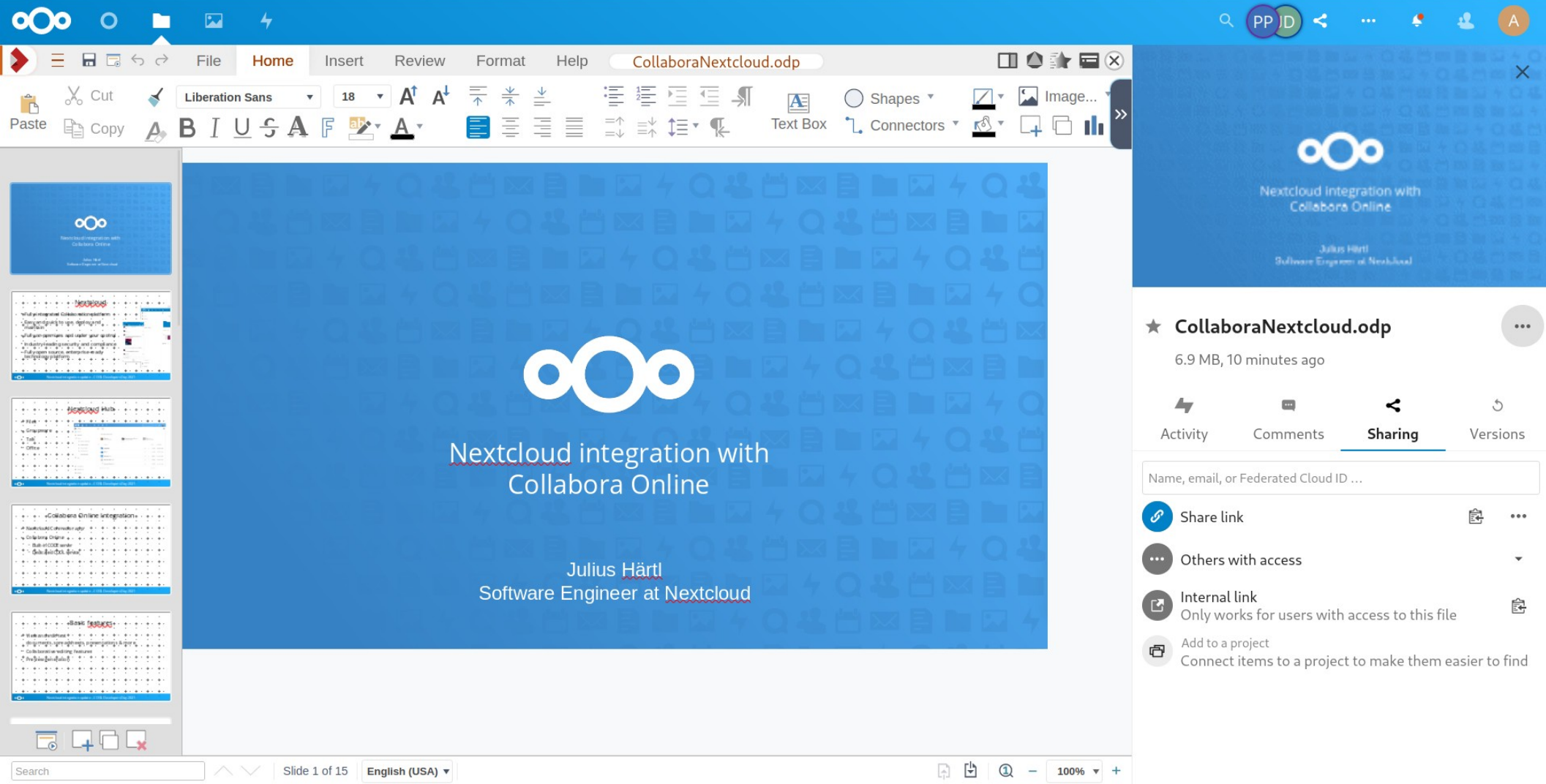
- Fully integrated Collaboration platform
- Easy and quick to use, deploy and maintain
- Fully on-premises and under your control
- Industry-leading security and compliance
- Fully open source, enterprise-ready technology platform



Nextcloud Hub

- Files
- Groupware
- Talk
- Office





Collabora Online Integration

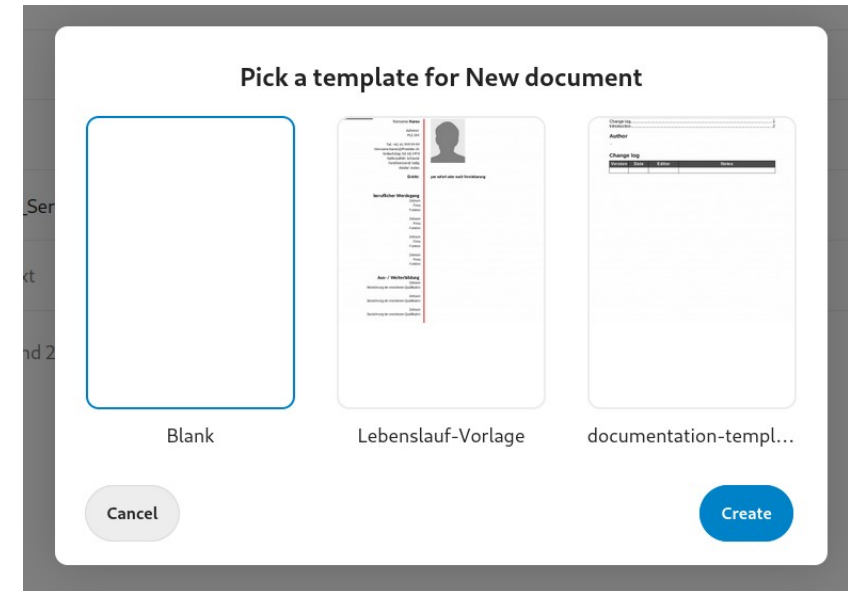
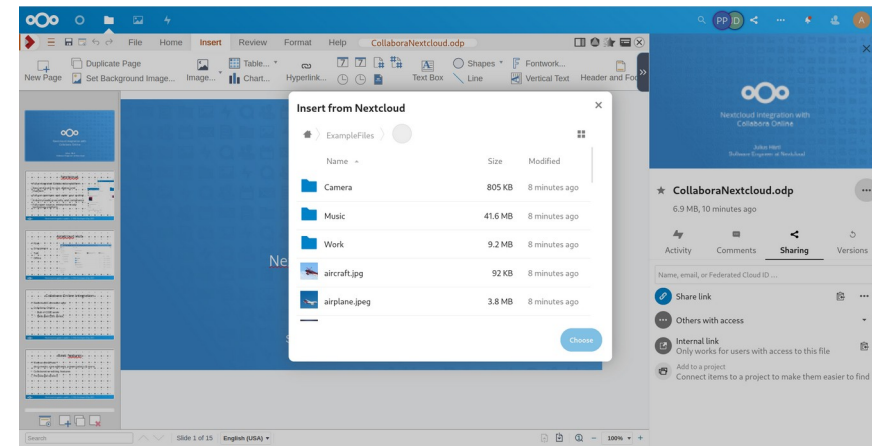
- Nextcloud Connector app
- Collabora Online
 - Built-in CODE server
 - Dedicated COOL service

Basic features

- View and edit text documents, spreadsheets, presentations & more
- Collaborative editing features
- Preview generation

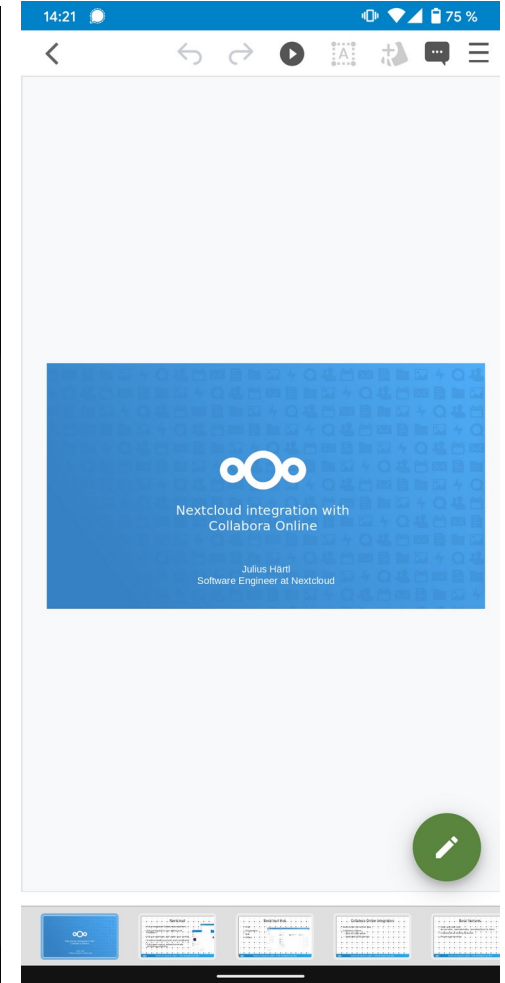
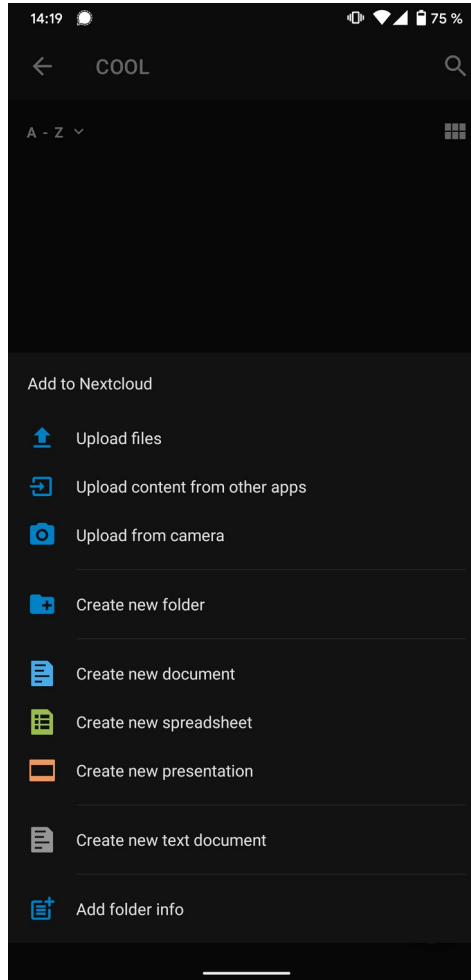
Additional features

- Template management
- Viewer app integration
- Direct editing
- Secure view
- Global scale



Direct editing

- Edit files from within Nextcloud mobile and desktop apps
- One-time tokens being generated
- Allows to open an authenticated Collabora Online session



Secure view

- Limit copy/paste
- Limit download options
- Watermarking

Secure view settings

Secure view enables you to secure documents by embedding a watermark

☒ Enable watermarking

Watermark text

Viewed by {userId} {date} 

Supported placeholders: {userId}, {userDisplayName}, {email}, {date}, {themingName}

☐ Show watermark on tagged files

☒ Show watermark for users of groups

Admin staff Accounting

☐ Show watermark for all shares

☒ Show watermark for read only shares

Link shares

☐ Show watermark for all link shares

☒ Show watermark for download hidden shares

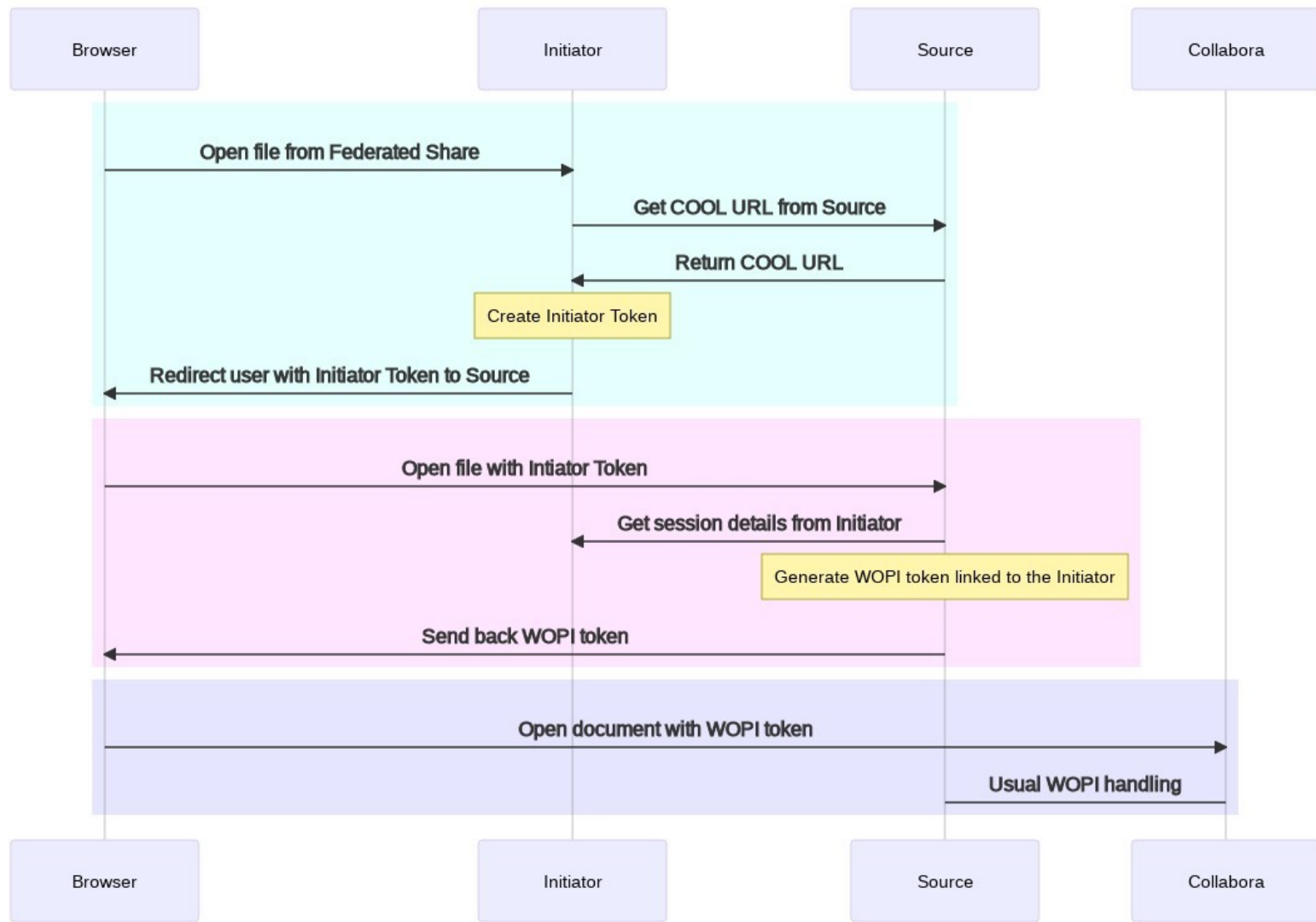
☒ Show watermark for read only link shares

☐ Show watermark on link shares with specific system tags

Nextcloud Global Scale

- Architecture for large scale Nextcloud deployments
- Multiple separate Nextcloud installations
- Allows to scale from tens of thousands to hundreds of millions of users
- Federated sharing
 - Files stay at the owners source instance
 - Nextcloud instances will exchange information to allow users from other instances to join the source instances Collabora Online editing sessions

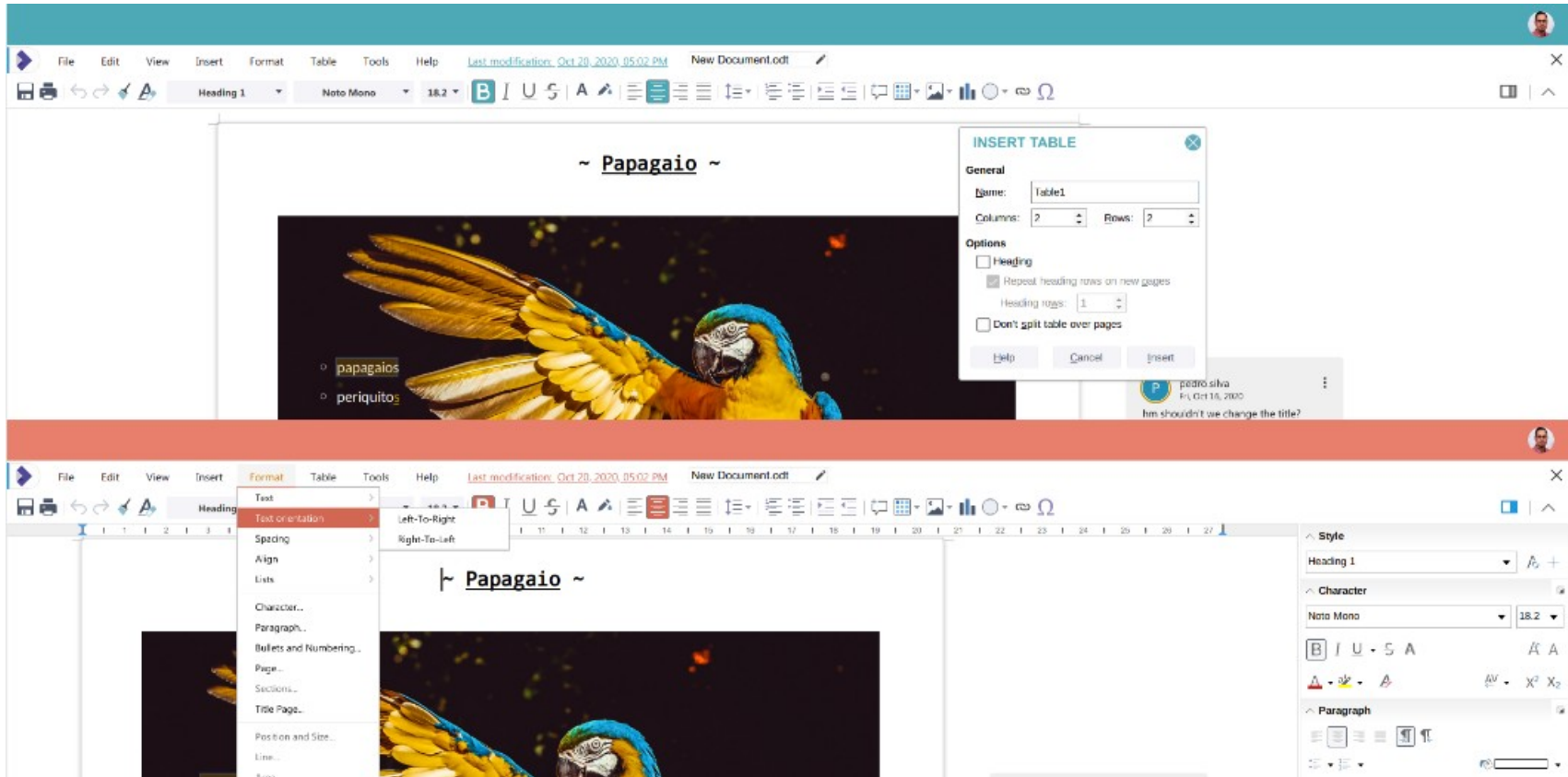




Customizing the COOL experience

- Custom theming through Collabora Online APIs
 - ui_defaults
 - css_variables
 - PostMessage API

Customizing



Easy integration through PostMessages

- Save_As
- UI_Share / UI_Close / UI_InsertGraphic
- UI_FileVersions
- View_Added / View_Removed / FollowUser_Changed

Thanks for joining

nextcloud.com

nextcloud.com/collaboraonline

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