



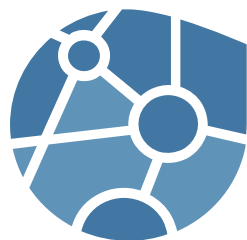
# COOL days – Developers Day

## EGroupware – integration update

*Developers Day*



Collabora Online



# EGroupware

SMART ONLINE OFFICE

# EGroupware Smart Online Office



**EGroupware**  
SMART ONLINE OFFICE

## Smart Online Office

- **Smart** : Intelligent linking of information
- **Online** : Web application usable on all platforms
- **Office** : **(Almost) complete office in the web browser**

With integration of Collabora Online ...

# Topics



- \* Integration of COOL in EGroupware
  - \* Installation/Integration
  - \* COOL in EGroupware File Manager
- \* Power of EGroupware
  - \* Templates & placeholders in EGroupware
  - \* Inserting Placeholders or contact data in COOL
- \* SDK conversion API integration in EGroupware
  - \* Merge template directly into pdf document
  - \* Convert office-documents into pdf or png

# Installation/Integration COOL



## Installation

- COOL is **installed** with a standard EGroupware installation.
- It can be installed later:  
`apt install egroupware-collabora-key`  
Documentation in the [GitHub Wiki](#)
- Can also be installed as a package on its own, without EGroupware.
- Swap COOL  $\Leftrightarrow$  CODE: Docker Compose yml

# Installation/Integration COOL



## Integration

- COOL is **automatically configured** in a standard EGroupware installation.
- Any COOL instances can be integrated into EGroupware:

A screenshot of the EGroupware Admin interface. The top navigation bar includes the EGroupware logo and various application icons like Admin, Contract, Calendar, Address, InfoLog, Mail, File Manager, and Kanban. The left sidebar shows a tree view with 'ADMIN' expanded, and 'Admin' selected. Under 'Admin', 'Collabora Online' is expanded to show 'Site configuration' selected. The main content area displays the 'Site configuration' page for Collabora Online. It has tabs for 'Configuration' and 'Documentation'. The 'Configuration' tab is active, showing a text input field for the 'Collabora Online server' with the value 'https://collabora.egroupware.org' and a status indicator 'Status: 74 supported document types'. Below this is a section titled 'Requirements / please note' with a warning message: 'The Collabora Online server must be able to access your EGroupware installation! A local installation not accessible from the internet will NOT work with a public Collabora Online server.' It also shows a status check: 'Checking for user 'anonymous': Active user 'anonymous' found. An user 'anonymous' is required for Collabora Online to access files and also for sharing files.' At the bottom of the configuration area, there is a section for 'Local Collabora Online server'.

# Installation/Integration COOL



## Configuration

- COOL licence
- Admin Console: Set/access user and password

**Local Collabora Online server**

A local Collabora Online server can be installed with the 'egroupware-collabora-key' package.  
You need a support-key from the EGroupware GmbH shop, for a supported Collabora Online installation.  
A supported Collabora Online allows to use it with the ordered number of users - more than the demo or developer version, installed by default.

Support-key	2023-12- 03:EGroupware:EGroupwareGmbHtestbox:bb@egroupware.org:1:IJ4DHtA1siU5N00W5FJ47k8PyUW4F6fRgJFg4U sPmE4htFXAwlmGrPaqvVT8CG72j6rXvaUHsympT4z0nY7LZGXIXYGrKOxeaeBPZ+KIazgwKZnY+u070B594VcwCOwig fGE8P4rXloC7ExF0XEZGuo96/StUZvw+JEer1LbieGYHxA7ylDzTGrzd3NE8P+cmnvgeTriMn2x1sr2LF9wTZh4jlgOs3oT 9Pgi/cC55f5q6wX1qj6wJL88nXqjXnAlfDzvf5TowBDepm9SWEKfNyFDQ800/7mQns3nnPFRq+MKGp0rrj4F9R5RUU+g
<b>Admin console</b>	(requires username and password below)
Username	<input type="text" value="admin"/>
Password	<input type="password" value="....."/>

# Installation/Integration



## Configuration

The `loolwsd.xml` is located in an EGroupware installation under:

```
var/lib/egroupware/default/loolwsd
```

- **Languages** (spellchecker)
- (licence key)
- (user interface)

More:

<https://raw.githubusercontent.com/CollaboraOnline/online/master/loolwsd.xml.in>

# Installation/Integration





## (User) Configuration

Which file types are opened with COOL?

What happens to filled documents?

COOL or download?

User interface?

File Manager   Your preferences

---

General settings Collabora Online

Excludes selected MIME-types  
Default: CSV file (text/csv), CSV

Merge print open handler  
Default: Collabora Online

Default action on double-click  
Default: open documents with Collabora, if permissions are given

Standard Toolbar  
Default: Tabbed



# EGroupware Filemanager



- **EGroupware acts as a file server:**  
**Can mount directories via SMB, WebDAV(...) in EGroupware.**  
This includes for example also Nextcloud shares, if customers are using EGroupware and Nextcloud.
- EGroupware (EPL) supports versioning and deletion protection

Wer soll gelöschte Dateien oder ältere Versionen endgültig löschen dürfen: Administratoren

Pfad	Backend URL	Versionierung	Mount
/	sqlfs://\$host/		
/apps	stylite.links://default/apps		
/templates	stylite.merge://default/templates?merge=stylite/printtemplates&lang=1		Unmount
/etemplates	stylite.merge://default/etemplates?merge=.&lang=0&level=1&extension=xet&url=egw		Unmount
/home/EGroupware	stylite.versioning://default/home/EGroupware	Ausschalten	Unmount
/home/outdoor/daten	filesystem://default/var/lib/egroupware/pole.egroupware.org/daten?group=EGroupware&mode=070		Unmount
/home/hadi/versioned	stylite.versioning://default/home/hadi/versioned	Ausschalten	Unmount

**Protokolle**

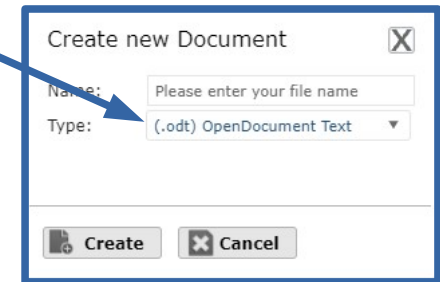
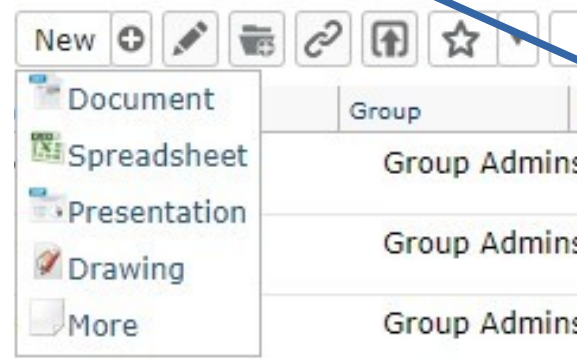
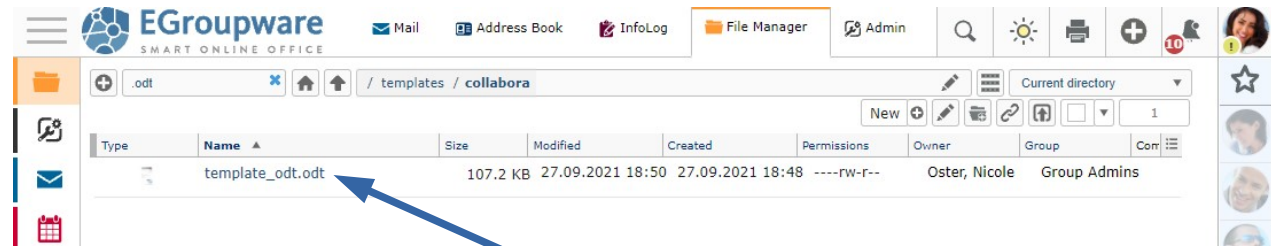
- WebDAVs: mounten von EGroupware oder \*Cloud Freigaben
- SMB: mounten von Freigaben eines Samba oder Windows Dateiservern
- Versionierung: Versionierung benötigt EGroupware EPL
- Dateisystem: mounted Verzeichnisse (innerhalb von /var/lib/egroupware) vom Dateisystem des Hosts

Mountform: /Nextcloud WebDAVs :// nextcloud\_user : @ MyNextcloudServer remote.php/dav/files/nextcloud\_user Einschalten Mount

# Power of EGroupware



- Store and use templates in filemanager
- Users or groups can use own templates
- For Collabora online define your default template with e.g. fonts, logo ... and store it in */templates/collabora*





# Power of EGroupware

## • Placeholders

### Contact fields:

{{id}}	Contact ID
{{private}}	Private
{{categories}}	Category path
{{n_given}}	First name
{{n_family}}	Last name
{{n_fn}}	Full name
{{bday}}	Birthday
{{org_name}}	Organisation
{{title}}	Job title
{{assistent}}	Assistant
{{adr_one_street}}	Business street
{{adr_one_locality}}	Business city
{{adr_one_postalcode}}	Business postal code
{{adr_one_countrycode}}	Business country code
{{adr_two_street2}}	Address line 2 (private)
{{adr_two_region}}	
{{adr_two_countryname}}	
{{tel_work}}	

### General fields:

{{link}}	HTML link to the current record
{{links}}	Titles of any entries linked to the current record, excluding attached files
{{attachments}}	List of files linked to the current record
{{links_attachments}}	Links and attached files
{{links/[appname]}}	Links to specified application. Example: {{links/infolog}}
{{date}}	Date
{{user/n_fn}}	Name of current user, all other contact fields are valid too.
{{user/account_lid}}	Username
{{pagerepeat}}	Use this tag for serial letter. Place the content you want to repeat between two tags.
{{label}}	Use this tag for address labels. Place the content you want to repeat between two tags.
{{labelplacement}}	Tag to mark positions for address labels
{{IF fieldname}}	Example {{IF n_prefix~Mr~Hello Mr.~Hello Ms.}} - search the field "n_prefix", for "Mr", write Hello Mr., else write Hello Ms.
{{NELF}}	Example {{NELF role}} - if field role is not empty, you will get a new line with the value of the field role.
{{NENLFF}}	Example {{nenvif role}} - if field role is not empty, set a LF without any value of the field role.
{{LETTERPREFIX}}	Example {{LETTERPREFIX}} - Gives a letter prefix without double spaces, if the title is empty.
{{LETTERPREFIXCUSTOM}}	Example {{LETTERPREFIXCUSTOM n_prefix title n_family}} - Example: Mr Dr. James Miller

### EPL only:

{{share}}	Public sharing URL
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### Custom fields:

{{#XING}}	XING
{{#GULP}}	GULP
{{#LinkedIn}}	LinkedIn
{{#Facebook}}	Facebook
{{#twitter}}	Twitter
{{#jabber}}	Jabber
{{#Nachpflegeinfo}}	Nachpflege Info
{{#Nickname}}	Nickname EGroupware



## ADDRESS BOOK

### Favorites

### Address Book menu

- ⊙ Address book list
- ⊙ Add Contact
- ⊙ Advanced search
- ⊙ Placeholders

### Admin

# Power of EGroupware - Placeholders



Insert Placeholder

Address Book

Contact

- Business
- Private
- phone
- Email
- Details
- customfields

Business street  
Business address line 2  
Business city  
Business state  
Business postal code  
Business country  
Business country code  
Formatted business address

{{adr\_one\_countryname}}

Preview with entry

EGroupware GmbH: Becker, Birgit

GERMANY

Insert Cancel

Zantir Nautic, Am Hafen 9, 21079 Hamburg

Mandy Zimmermann  
Kurfürstenstrasse 18  
72135 Dettenhausen

**ANGEBOT**

**Kundennummer 0815-2**

Mrs.Zimmermann

vielen Dank für Ihre Anfrage unter Ihrer Kundennummer 0815-2.



# SDK conversion API integration



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Walczak, Natasza Magna Solution	Jabloňová 1908 538 51 Chrast u Chrudime	726 488 922	NataszaWalczak@einrot.com
Walczak, Jolanta Complete Tech	Via San Cosmo fuori Porta Nolana 38 20014 Nerviano	0346 7814545	JolantaWalczak@dayrep.com

Context menu options:

- File Manager
- Kanban
- GeoLocation
- Share
- Export
- Insert in document
  - As PDF** (highlighted)
- Mail VCard
- Delete

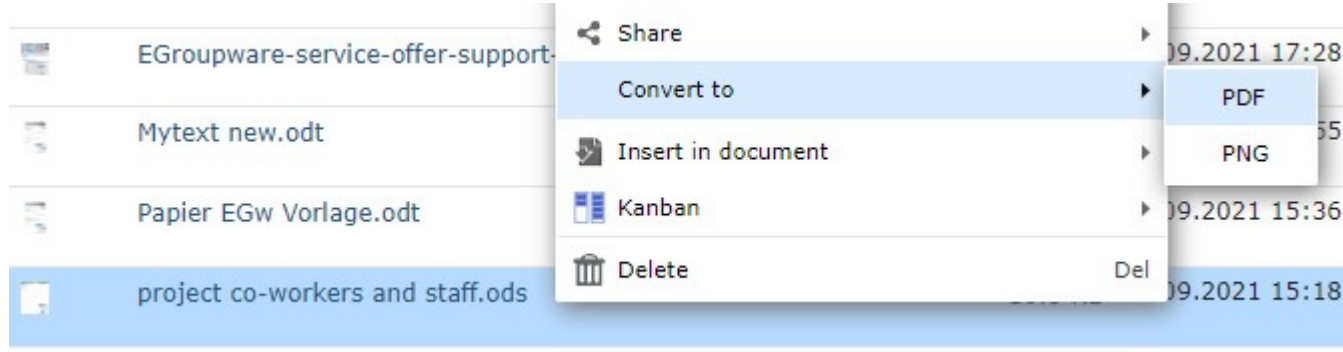
## Merge template directly as pdf

- rename file or save as ...
- email pdf to customer

Service offer - EGroupware Enterprise Line (EPL)  
Support budget

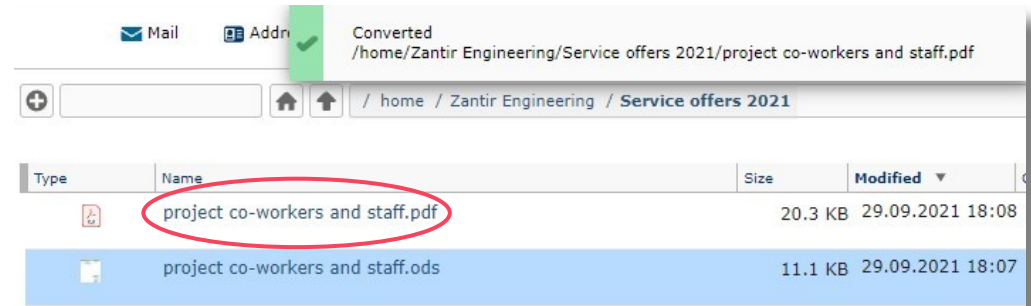
Magna Solution  
Natasza Walczak

# SDK conversion API integration



## Use conversion API to convert document

- convert to pdf or png
- email or share it to customer



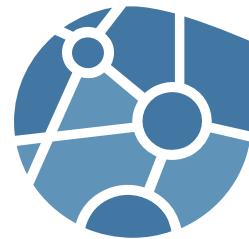


**Thank you for your interest!**

**Questions: <mailto:bb@egroupware.org>**

**EGroupware Case study: tomorrow 14.30h**

*Developers Day*



**EGroupware**  
SMART ONLINE OFFICE