

Collabora Online



EGroupware
SMART ONLINE OFFICE

EGroupware GmbH



- Stefan Unverricht, Community Manager
- [EGroupware GmbH](#) (Kaiserslautern, RZ in Frankfurt/Karlsruhe)
- [Collabora Online](#) as **SaaS**
- Collabora Online **Installation Package/ On Premises Operation**
- Reseller for [Collabora Online](#)
- Licence consulting
- Kontakt: info@egroupware.org

Topics



- (Small) Overview Collabora Online (COOL)
- COOL/CODE
- Release cycles
- Community

- -Update- What came along...
 - DeepL
 - LanguageTool
 - Duden
 - Fonts
 - Zotero

Topics



- COOL in EGroupware
 - Installation
 - Integration
- New in version 23.05
 - Accessibility
 - Dark Mode
 - Page navigation
 - This and that...
- Infos



Collabora Online (COOL)

Overview



- Developed by [Collabora Produtivity](#)/Cambridge(GB)
- LibreOffice headless aon server
- Controls JS frontend
- Document area streaming
- Document remains on server
- Requires file host
- No installation on client => web browser
- **Not** Collabora Office
- [FrOSCon 2021 - EGroupware und Collabora Online in der Praxis](#)



LibreOffice Technology

COOL vs CODE



- **Collabora Online** (COOL) is the commercially distributed version
- Usually via partners
- Is usually provided by partners as a Docker container
- Available as SaaS via partners
- UCS/Docker/DEB/RPM/Helm Chart



Collabora
Online

- **Collabora Online Development Edition** (CODE) is the developer version
- Not recommended for professional productive use
- Receives regular/frequent updates (before COOL)
- **Active community**
- UCS/Docker/Package



Collabora
Online Dev.

Release cycles





- No fixed plan
- Aligns with Collabora Office release cycle
- "Rolling Release": Constant updates also with new functions
- [COOL 23.05](#) from July 2023
- [COOL 22.05](#) from August 2022
- [COOL 21.11](#) from January 2022
- [Older](#)
- See also Announcements...
- 23.05 "contains" LibreOffice 7.4/7.5 (via Collabora Office 23.05)




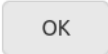
COLLABORA ONLINE ✕

Collabora Online

 COOLWSD-Version:
23.05.2.2 (git hash: [91c166d](#))

 LOKit-Version:
built on [a great technology base](#)
Collabora Office 23.05.2.2 (git hash: [22110b2](#))
Angeboten von: Debian GNU/Linux 12 (bookworm) [3eee4717](#)

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Community



- <https://collaboraonline.github.io/>

Collabora Online - Community Page

Home Docs Ideas Page Downloads

CODE

Collabora Online Development Edition

We love to work with everyone and anyone in the open to liberate people's documents.

Download GitHub Forum

Collabora Online Development Edition 21.11

Get your own online Office Suite up and running at home with CODE!

The development edition is aimed at home users and contains many of the latest and greatest developments, we want as many people as possible to try it out and get back control of their own online documents. We'd also love to get people involved in our efforts to make Online even better. So download Collabora Online Development Edition, enjoy using it at home!

Collabora Online Dev.

COOL days

Re-watch

COOL Days



- <https://www.collaboraoffice.com/cool-days-2023/>

COOL Days 2023 – Cambridge, UK

Thank you for joining us!

Wrap Up Blog

Technical Talk Slides

Livestream





Update

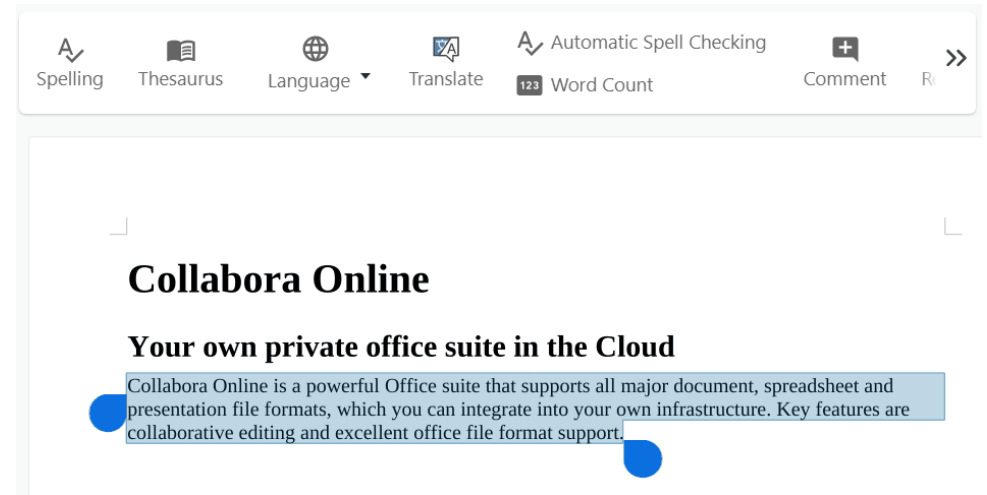
DeepL



- Integration DeepL Translator(!) in Writer (current, 08.2023)
- [How to make use of AI based translations with DeepL in Collabora Online](#)
- Video: [Using DeepL in Collabora Online by Jan Holesovsky](#)
COOL Days 2022



DeepL





DeepL API Free	EMPFOLHEN DeepL API Pro	DeepL API Business
Erhalten Sie kostenlos Zugriff auf unsere DeepL REST API	Nutzen Sie unsere API ohne Einschränkungen	Für umfangreiche und langfristige API-Projekte
Kostenlos	4,99 € / Monat¹ + nutzungsabhängige Kosten	Individuelle Preisgestaltung
Kostenlos registrieren	Jetzt kaufen Monatlich kündbar	Jetzt Kontakt aufnehmen
DeepL API Free bietet: <ul style="list-style-type: none">✓ Zugang zu allen Funktionen✓ Zugriff auf die DeepL REST API✓ Max. 500.000 Zeichen / Monat✓ 1.000 Glossare (für bestimmte Sprachen) ⓘ✓ Upgrade auf Pro jederzeit möglich <p>DeepL API Free bietet keinen Zugriff auf den Web-Übersetzer und unterstützt keine CAT-Tool-Integration.</p>	DeepL API Pro bietet: <ul style="list-style-type: none">✓ Höchste Datensicherheit ⓘ✓ Zugriff auf die DeepL REST API✓ Keine Zeichenbeschränkung✓ 1.000 Glossare (für bestimmte Sprachen) ⓘ✓ Kostenkontrolle✓ Pay-As-You-Go (20,00 € pro 1.000.000 Zeichen)✓ Vorrangige Ausführung von Anfragen <p>DeepL API Pro bietet keinen Zugriff auf den Web-Übersetzer und unterstützt keine CAT-Tool-Integration.</p>	Alle Vorteile von DeepL API Pro, plus: <ul style="list-style-type: none">✓ Individuelle Preisgestaltung✓ Zahlung per Rechnung✓ Unterstützung durch einen Customer Success Manager✓ Hilfe beim Onboarding und maßgeschneiderter Support

DeepL



- https://sdk.collaboraonline.com/docs/deepl_translator.html

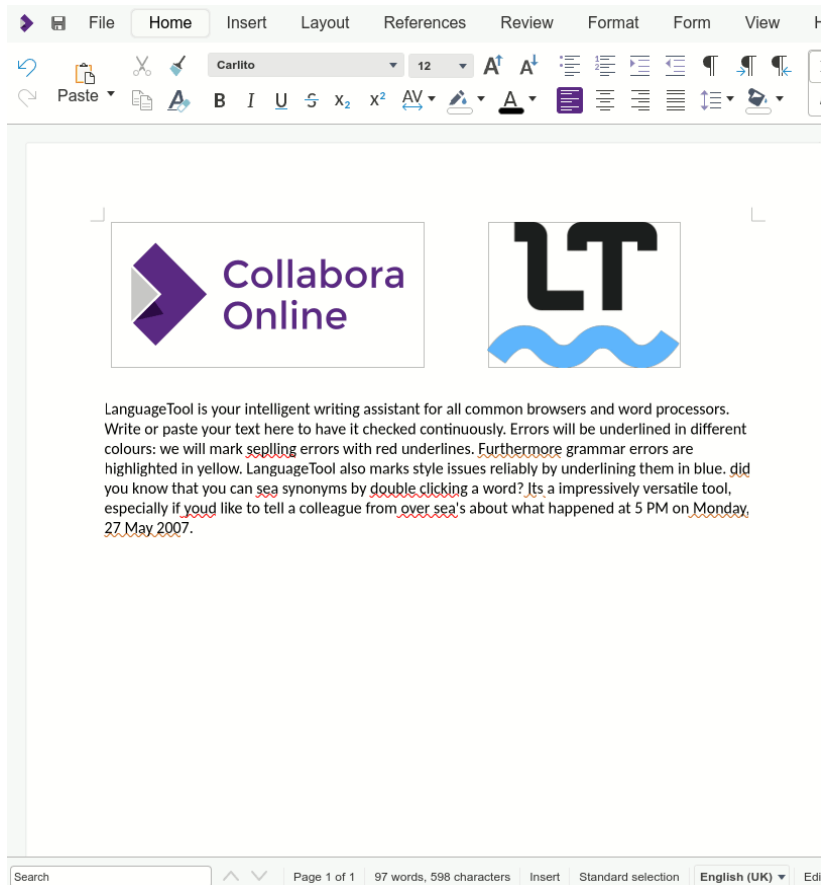
deepl block of coolwsd.xml

```
<deepl desc="DeepL API settings for translation service">
  <enabled desc="If true, shows translate option as a menu entry in the compact view and as
  <api_url desc="URL for the API" type="string" default="">https://api-free.deepl.com/v2/tra
  <auth_key desc="Auth Key generated by your account" type="string" default=""></auth_key>
</deepl>
```

LanguageTool



- Integrates the server service of [LanguageTooler GmbH/Potsdam/Germany](#)
- On-premises operation possible
- Take advantage of style and grammar checking of your texts in Collabora Online



LanguageTool
Ihr Schreibassistent

LanguageTool



Nur mit LanguageTool	Basic Für Einsteiger	Premium Für Profis
LanguageTool ist mehr als eine durchschnittliche Rechtschreibprüfung	Kostenlos ausprobieren	Premium holen
Funktionen von LanguageTool		
Textlänge	20.000	150.000
Akribischer Modus	✓	✓
Unterstützung von 30+ Sprachen	✓	✓
Persönliches Wörterbuch	✓	✓
Persönlicher Styleguide		✓
Teamfunktionen		✓
Umformulierungen mithilfe von A.I.	3 pro Tag	✓
Viele weitere nützliche Funktionen	Kostenlos ausprobieren	Premium holen

LanguageTool



- https://sdk.collaboraonline.com/docs/language_tool.html

LanguageTool block of coolwsd.xml

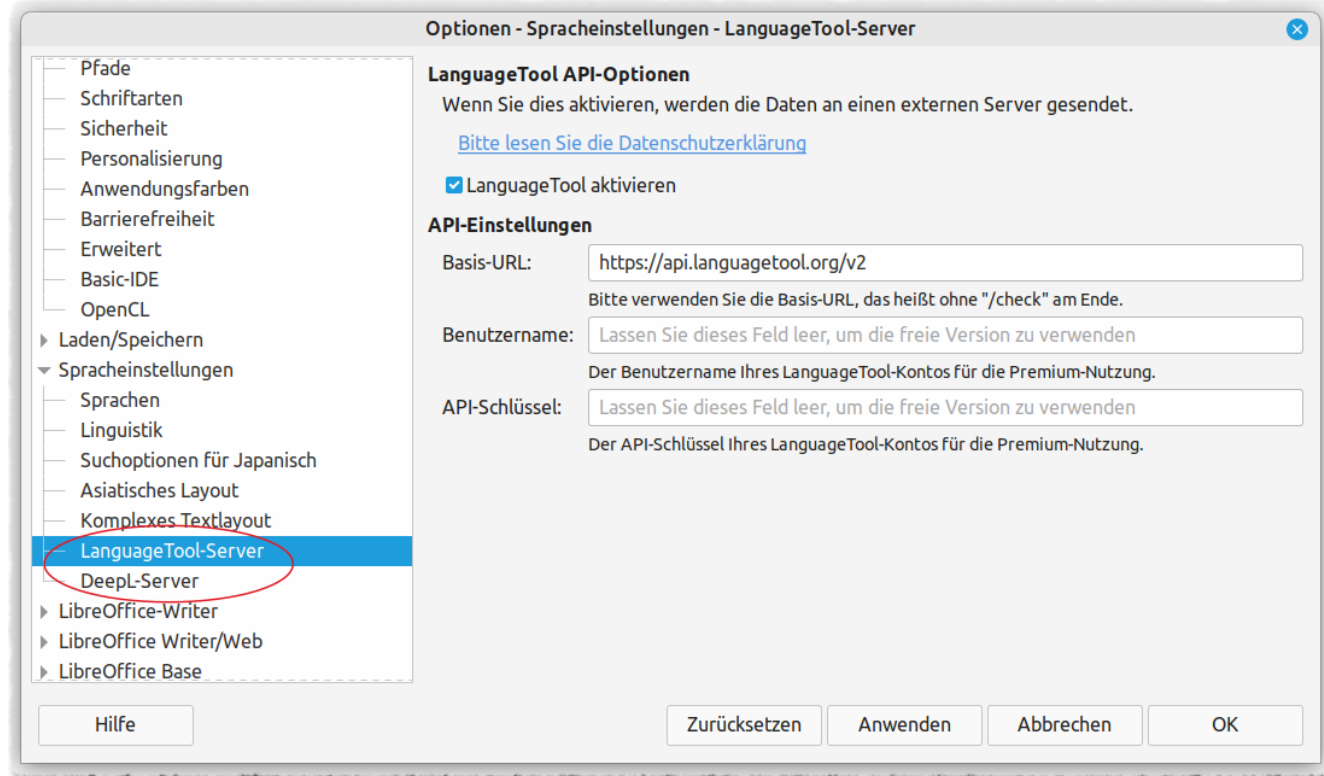
```
< languagetool desc="LanguageTool Remote API settings for grammar checking">
  < enabled desc="Enable LanguageTool Remote Grammar Checker" type="bool" default="false">tru
  < base_url desc="Http endpoint for the LanguageTool API server, without /check or /language
  < user_name desc="LangugeTool account username for premium usage." type="string" default="">
  < api_key desc="Api key provided by LanguageTool account for premium usage." type="string"
</ languagetool>
```

LanguageTool




- https://sdk.collaboraonline.com/docs/language_tool.html

- Also in LibreOffice/
- Collabora Office
- embeddable:



Duden



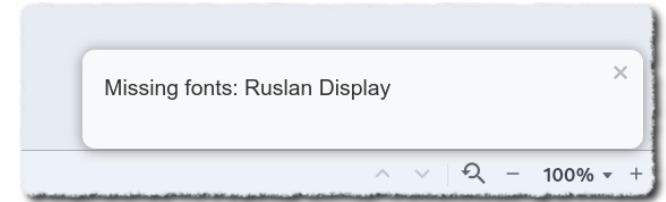
- Integrates the server service of [EPC Consulting und Software GmbH/Schwetzingen/DE](#)
- On-premises operation possible
- [Factsheet](#)
- Integration similar to LanguageTool
- [Integrating Duden Korrekturserver with CollaboraOnline](#)
by Andras Timar  #COOLDays 2023



Fonts



- Problem: Fonts not available on the COOL server ([Fonts](#))
- No problem with templates
- Otherwise: Embed fonts in document
- For fonts that are not available, a notification can be switched on
- Otherwise, missing fonts are (always) displayed in italics.
- [Dynamic Font Download and Reporting Missing Fonts in CollaboraOnline](#) by Tor Lillqvist



Fonts



Available since 22.05.7:

- Fonts can be reloaded dynamically ([SDK](#))
- Enable Remote Config in coolwsd.xml
- Remote font configuration (JSON) is read every minute
- Loads fonts from URL (file host??)

Zotero



- Connection and integration in COOL surface
- How to Manage Bibliographic Data With Zotero and Collabora Online

Zotero



The screenshot displays the Zotero application window with the 'References' menu open. The 'Add Citation' option is highlighted, and the 'Citation Preferences' dialog is open. The dialog shows a list of citation styles, with 'Chicago' selected. The 'Refresh' button is also visible. The background shows a document with text and a search bar at the bottom.



COOL in EGroupware



EGroupware

SMART ONLINE OFFICE

Smart Online Office

- **Smart** : Intelligent linking of information
- **Online** : Web application usable on all platforms
- **Office** : **Complete digital office in the web browser**
- Lecture Tux-Tage 2022: [EGroupware – Smart Online Office](#)

Installation



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

Integration



- Integration in EGroupware file manager (file sharing, WebDAV, ...)
- Sending files from COOL (mail, sharing)
- Editing in COOL also for external (non EGw users)
- Save in all available formats
- Convert => png/PDF from file manager
- Document templates
- Versioning, subscription (EPL)

- [COOL Integrations](#)

Integration



- **Document generation**
- Create template with placeholder
- Even without COOL!!!
- Placeholders also in Email templates

Kontaktfelder:

{{id}}	Kontakt ID
{{private}}	Privat
{{categories}}	Kategorien Pfad
{{n_given}}	Vorname
{{n_family}}	Nachname
{{n_fn}}	vollständiger Name
{{bday}}	Geburtstag
{{org_name}}	Organisation
{{title}}	Position
{{assistent}}	Assistent

Zantir Nautic, Am Hafen 9, 21079 Hamburg

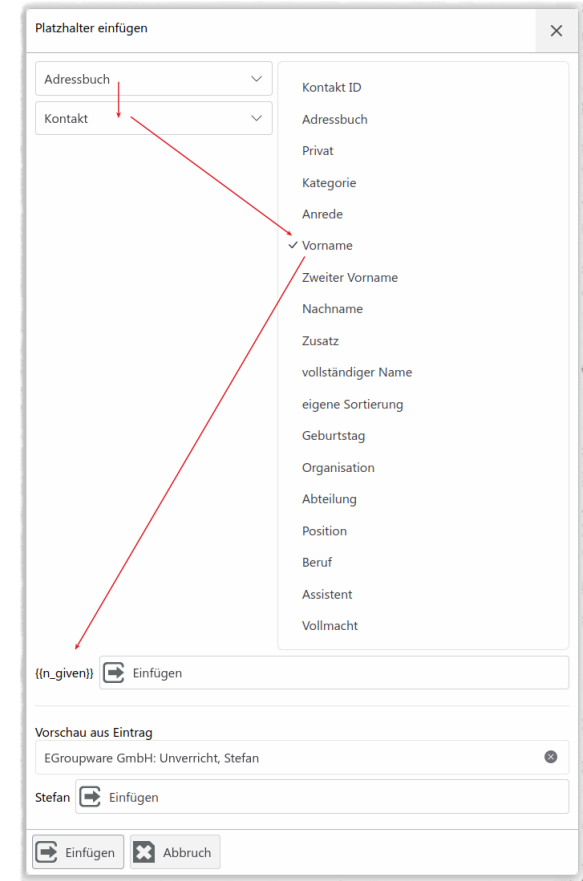
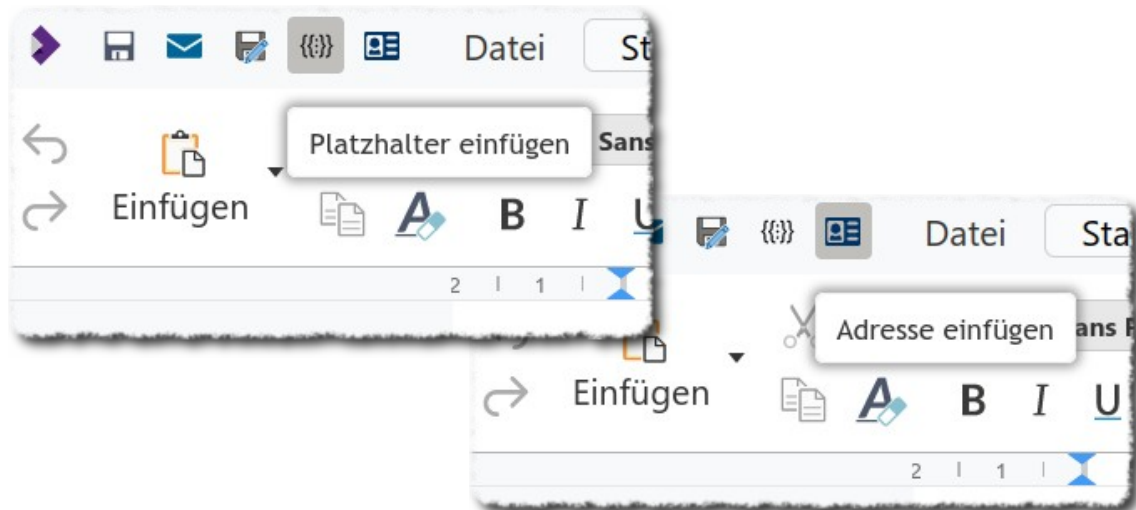
{{n_given}} {{n_family}}
{{adr_one_street}}
{{adr_one_postalcode}} {{adr_one_locality}}
{{adr_two_countryname}}

lich

Integration



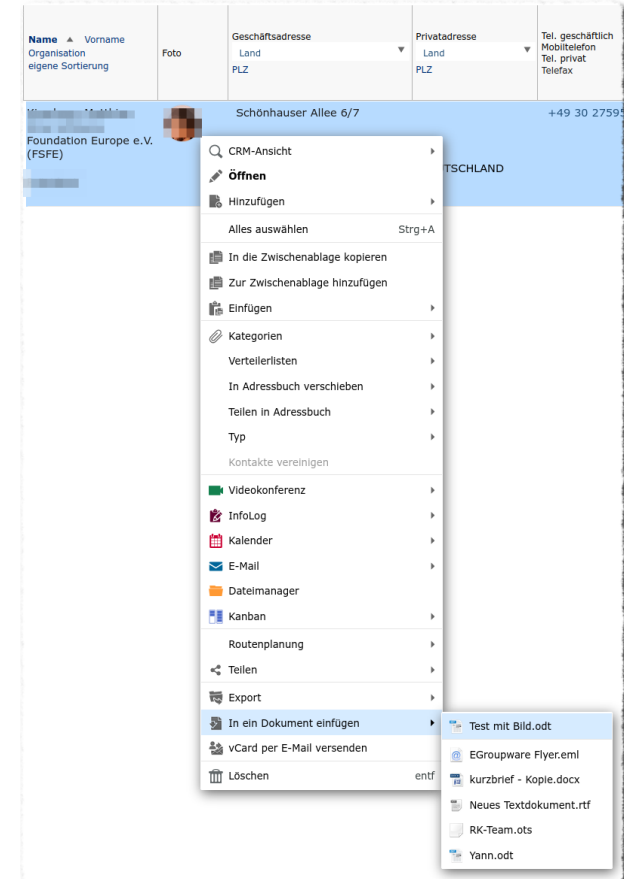
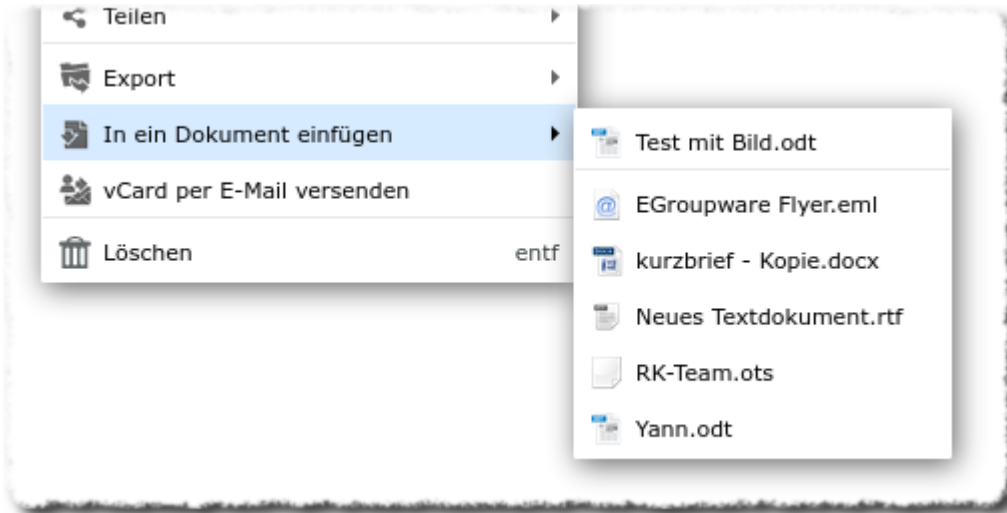
- Create template with placeholder
- Import addresses directly



Integration



- Fill from EGroupware with selected data



Mehr integration...



- Lecture FrOSCon 2021
EGroupware und Collabora Online in der Praxis
- Lecture Kielux September 2023
Informationsmanagement (mit EGroupware)



New in COOL 23.05

News



- [Release Notes 23.05](#)
- [Announcement 23.05](#)
- [What's New in Collabora Online 23.05](#)
- [Videos letzte COOL Days 2023](#)
[Partner Interview Birgit Becker \(EGroupware\)](#)

Accessibility



- Further work for accessibility
- Dark mode (display of control characters, ...) per editor when editing together
- Keyboard shortcuts in own language for collaborative editing
- Improved JS for text-to-speech and Braille
- Text-to-speech when navigating through text documents (...) WIP

Dark Mode



Titel durch Klicken hinzufügen

Collabora Online

EGroupware SMART ONLINE OFFICE

www.egroupware.org FrOSCon 2023 1

Suchen Folie 1 von 80 (79) Deutsch (Deutschland) Bearbeiten

Ansicht Hilfe FrOSCon 2023-Coll...

Masteransicht Dunkler Modus Seitenleiste

Transparenz: 0 %

> Fläche

> Linie

Linie

Breite:

Farbe:

Transparenz: 0 %

Eckenstil: Abgerundet

Linienenden: Flach

> Effekt

> Schatten

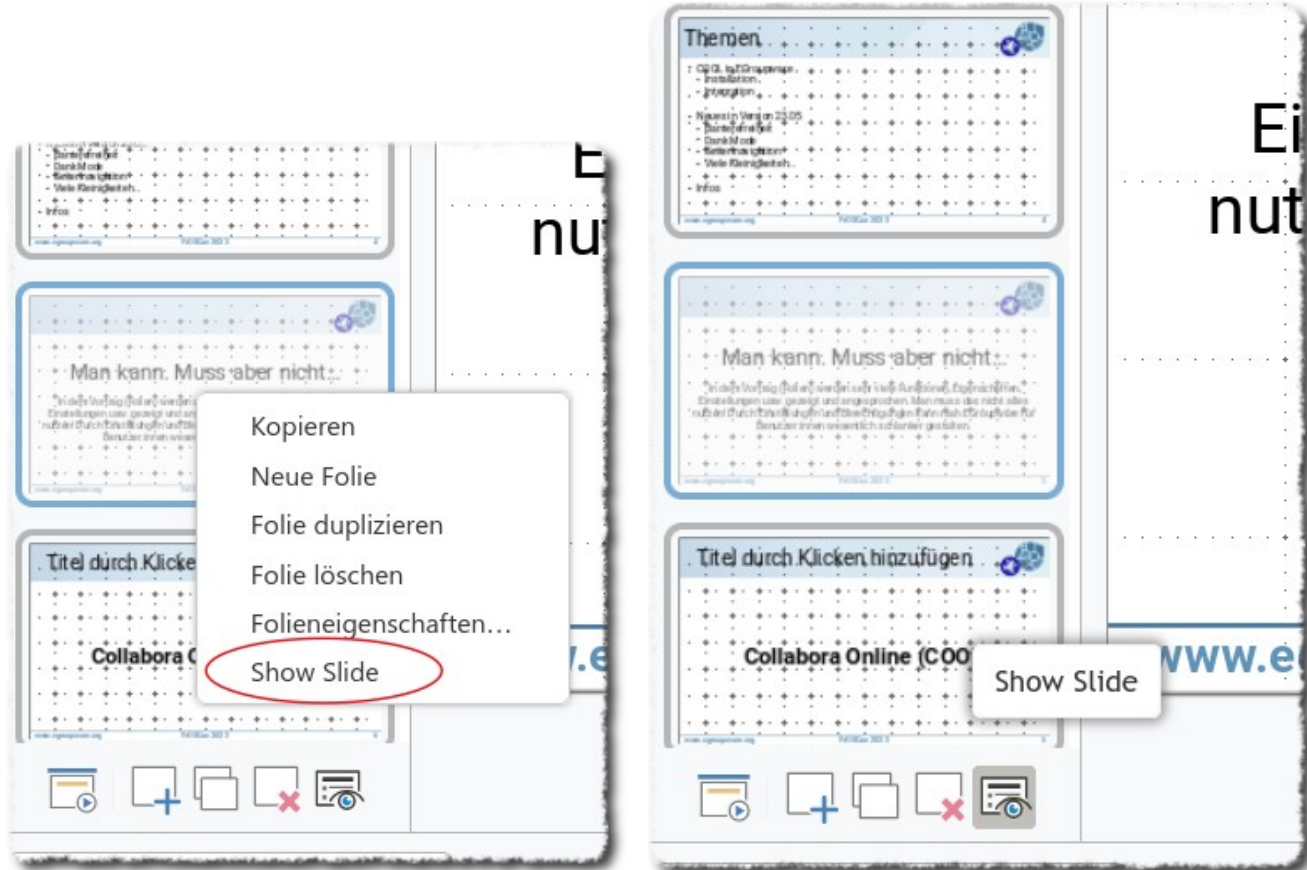
> Position und Größe

> Spalten

Hidden foils



- Hide/hide slides
- (border current slide)



Page navigation



The screenshot displays the LibreOffice Writer interface for a document titled "Resume Example.odt". The window includes a menu bar (File, Home, Insert, Layout, References, Review, Format, Form, View, Help) and a toolbar with various editing and formatting tools. The main editing area shows a resume template with sections: "Your Name", "About Me", and "Experience". The "Your Name" section contains contact information: "+12 345 67890", "[hello@website.com](\"mailto:hello@website.com\")", and "123 Street, City". The "About Me" section contains a paragraph of Lorem Ipsum text. The "Experience" section contains a heading "Company Name, Date", a "Job Title", and another paragraph of Lorem Ipsum text. A right-hand sidebar provides a navigation menu with categories: "Headings" (About Me, Experience, Education, Languages, Expertise, References), "Sections" (Section5, Section4, Section3, Section2, Section1), and "Hyperlinks". The "Section1" item is currently selected and highlighted. The status bar at the bottom indicates "Page 1 of 1", "Selected: 1 word, 10 characters", and "English (UK)".

This and that...



- Document themes
- Multi-page floating tables in Writer
- Compatibility compact pivot tables MS
- Multi-level colour gradients
- Improved frame anchoring and positioning
- 64-bit zip support (interoperability, large tables/documents)
- Easy insertion of page numbers (wizard)
- ...
- More with (almost) every update



Thank you for your interest !

Contact: su@egroupware.org

Forum: help.egroupware.org



Infos

Try EGroupware



- [Live-Demo](#)
- **30-day test system in the EGroupware data centre** (inclusive Rocket.Chat, Collabora Online, smallPART, Guacamole and E-Mail)
More time is available on request, possible transfer of data to productive system if interested.
- [UCS Installation](#) (from App-Center or as appliance)
- **Self-installation** ([GitHub-Wiki](#))
- NAS (QNAP/Synology with Docker or as VM (better))

EGroupware Information



- [Forum](#)
- [Website](#)
- [GitHub \(Wiki\)](#)
- [Twitter](#), [Facebook](#), [Linkedin](#), [Mastodon](#), [YouTube](#)
- [Flyer EGroupware](#), [Collabora Online](#), [Rocket.Chat](#), [Guacamole](#), [Jitsi](#)
- [Testimonials Linux-Magazin](#), [IT-Administrator](#)

- info@egroupware.org: (customised) offers, licensing issues, Collabora online licences, ...

EGroupware Lectures



Lectures from the **Tux-Tage 2020**

EGroupware (aus Anwendersicht)

EGroupware extended (aus Admin-Sicht)

Lectures from the **Kieler Open Source und Linux Tage (Kielux)**

Jitsi und Apache Guacamole in EGroupware

EGroupware Lectures



- EGroupware in the home office and in educational institutions
[Tux-Tage 2021](#)
- LibreOffice Online in EGroupware [FrOSCon 2019](#), [CLT 2019](#)
- More videos on [Youtube/EGroupware](#)
- **Listing of all [lectures and slides](#) in the forum**