



Using DeepL in Collabora Online

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And programmed by Mert Tumer

- Not my work :-)
- Not integrated in a release yet, upstreaming it now

General Description

The idea is that it should be easy to translate the document (or its parts) to a different language

- Select a paragraph → choose language → translated

DeepL provides API to access the functionality

- Registered users get an API key
- Limited usage for the free plan (500,000 characters / month), Pro plan without limitations
- <https://www.deepl.com/docs-api> for more info

UI Part

A new setting in the Tools → Options in LibreOffice

- The user has the possibility to check the Privacy Policy, and enable only after that
- Fill in the API URL and key

In Collabora Online, this is done in coolwsd.xml

- ```
<deeph desc="DeepL API settings for translation service">
 <api_url desc="URL for the API" type="string" default=""></api_url>
 <auth_key desc="Auth Key generated by your account" type="string"
 default=""></auth_key>
</deeph>
```

# Core Part

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## Iterating through the document

- Take a paragraph
- Convert to HTML
  - To preserve at least some formatting
- Send to DeepL & receive result
- Put back into the document

## Some problems on the way

- eg. the initial implementation blocked the event loop → fixed

# What Does it Look Like?

**Collabora Online:** the enterprise-ready LibreOffice-based Online Office Suite that allows you to stay in full control of your office files.

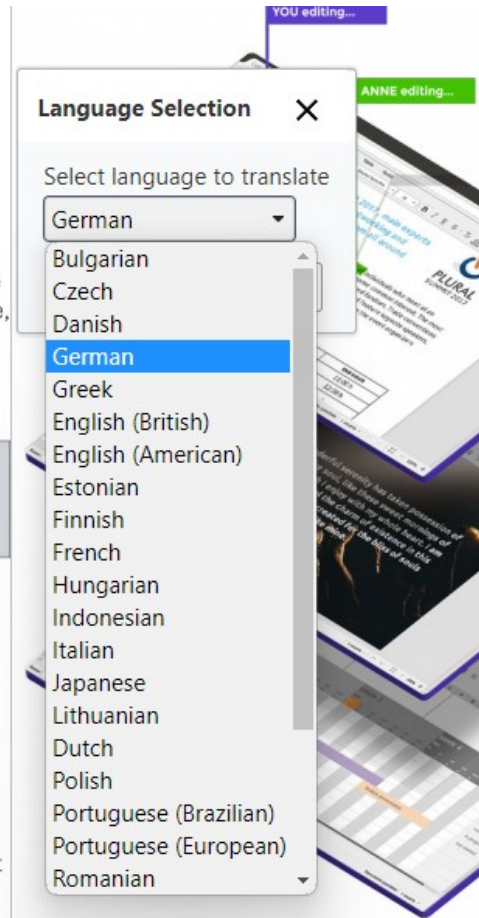
LibreOffice is the world's most popular Open Source Office suite with over 120 million users. Collabora, a leading contributor to the project, and developer of the enterprise-ready, Term Supported edition of LibreOffice, Collabora Office, has now brought LibreOffice to the Cloud with Collabora Online. Apple are great

With Collabora Online you now have access to a **powerful, enterprise-ready and 100% Open Source Online Office suite** functionality, with excellent support for all popular office file formats and collaborative editing features.

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Collabora Online comes with **Long Term Support**, and can be integrated in any web-based solution, such as File Share and Sync solutions, Document Management Systems, Groupware or custom build software.

All Long Term Support releases are supported for 3 years, with a perpetual license







Thanks !

By Jan Holešovský



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