Installing Libreoffice on a server or adding supporting code to the already existing gotenberg docker image that contains a libreoffice installation.  
  
<https://stackoverflow.com/questions/42942104/convert-pdf-to-word-document-using-php?rq=3>

<https://wiki.openoffice.org/wiki/Framework/Article/Filter/FilterList_OOo_3_0>

<https://help.libreoffice.org/latest/en-US/text/shared/02/01170700.html?DbPAR=WRITER>

<https://superuser.com/questions/818127/how-to-convert-html-to-doc-docx-with-openoffice-or-libreoffice>

Libreoffice UNO API: <https://api.libreoffice.org/> (UNIVERSAL NETWORK OBJECTS)

UNO server: <https://github.com/unoconv/unoserver#installation>

UNO server: listener mode for LibreOffice to listen via a port

Uno conv: the converter module. Receives a document and returns a converted version

Uno compare: to compare two or more documents

UNO GO API: https://pkg.go.dev/github.com/libreoffice-docker/unoserver-rest-api@v0.7.0/api

Libreoffice docker API: <https://hub.docker.com/r/hdejager/libreoffice-api>  
  
Word to PDF convert with UNO: <https://www.docmosis.com/company/news/java-convert-word-to-pdf-with-uno-part-1/>

**Gotenberg dockerfile:** <https://github.com/gotenberg/gotenberg/blob/main/build/Dockerfile>

JOD Converter Spring boot rest API: <https://github.com/jodconverter/jodconverter-samples/blob/main/samples/spring-boot-rest/src/main/java/org/jodconverter/sample/rest/ConverterController.java>

With JOD Converter tho, you’ve got to install an office manager

JOD Converter docker image: <https://github.com/jodconverter/docker-image-jodconverter-examples>

https://www.docmosis.com/company/news/java-convert-word-to-pdf-with-uno-part-1/

CMD I RAN TO GENERATE DOCX FROM HTML:  
  
soffice --headless --infilter=writerglobal8\_HTML --convert-to docx:"MS Word 2007 XML" --outdir . ./eloquent\_docs.html

CMD TO GENERATE DOCX FROM PDF:

**soffice --infilter="writer\_pdf\_import" --headless --convert-to docx:"MS Word 2007/2010/2013 XML" --outdir . ./Anmeldung\_Meldeschein\_20220622.pdf**

**soffice --infilter="writer\_pdf\_import" --headless --convert-to doc:"MS Word 2007 XML" --outdir . ./Anmeldung\_Meldeschein\_20220622.pdf**

SIGNATURE:

path/to/soffice --headless --convert-to <TargetFileExtension>:<NameOfFilter> your\_source\_file.pdf

PROJECTS TO DO

* Package around unoserver similarly to this package (https://github.com/damian66/node-unoconv/tree/main) around unoconv (NodeJS now)
* API to use with the package above (A complete docker image will be created from this) (NodeJS NOW)
* Wrapper around this API for anyone to use in their individual projects (PHP for now)

FEATURES

The node package should be able to:

* For Unoserver:
* Start a server with all the flags that unoserver accepts
* Make the server a linux daemon

Features below should be in the Packaged docker version so this package is kept simple:

* Check if the server is running
* Stop server and Kill process
* For Unoconverter:
* Convert supported doc formats with unoconvert and all the flags it supports, just throw any received error including errors originating from unoserver being unavailable.

Features below (including “General”) should be in the packaged docker version:

* Check if the server is running before authorizing conversion
* Restart server, perform conversion and terminate it
* General:
* Can do garbage collection and clear all converted files
* Clear a single file given a path
* Logging debug INFO to the console
* Metrics (much later)