Document Redaction with LibreOffice

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Work

- Working on the core & UI
- Since Dec 2018
- Was @Pardus project before

Community

- LibreOffice certified developer
- Long-time GNOME contributor
- Member of The Document Foundation & the GNOME Foundation
What is Redaction, aka Sanitization?

“Redaction/Sanitization is the process of removing sensitive information from a document or other message, so that the document may be distributed to a broader audience.”
Why?

Some of the reasons

- Unclassify the classified documents
- Privacy protection & data anonymization
- Prevent information leak in collaborative environments
- ...
Who?

Some of the possible users

● Government & military
● Public institutions
● Anyone who wants to share info without disclosing personal/private information
● ...
Process

- Open a document in LibreOffice Writer/Calc
- When you are ready to redact, click the redact button/menu
- Redact the doc in LibreOffice Draw
- Export & share with the others
Technical Process

- Convert the document into a metafile
- Spawn a new Draw instance
- Insert the metafile into Draw
- Open the Redaction toolbar
- Flatten/pixelize document while exporting
Redaction Toolbar

Rectangle Redaction  Freeform Redaction  Export as Pixelized PDF
How & where & by who?

- Adding new feature by improving LibreOffice’s facilities
- On LibreOffice core code repo (master)
- By Collabora Productivity team
- Not ready for prime-time... yet!
- More features are in being baked...
Demo
Thank you!

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