WollMux

An Old Extension With A New Look

2020

Agenda

- History
- Feature
    - Templates
    - WollMuxBar
    - Personalize Templates
    - Forms
    - Content Based Directives
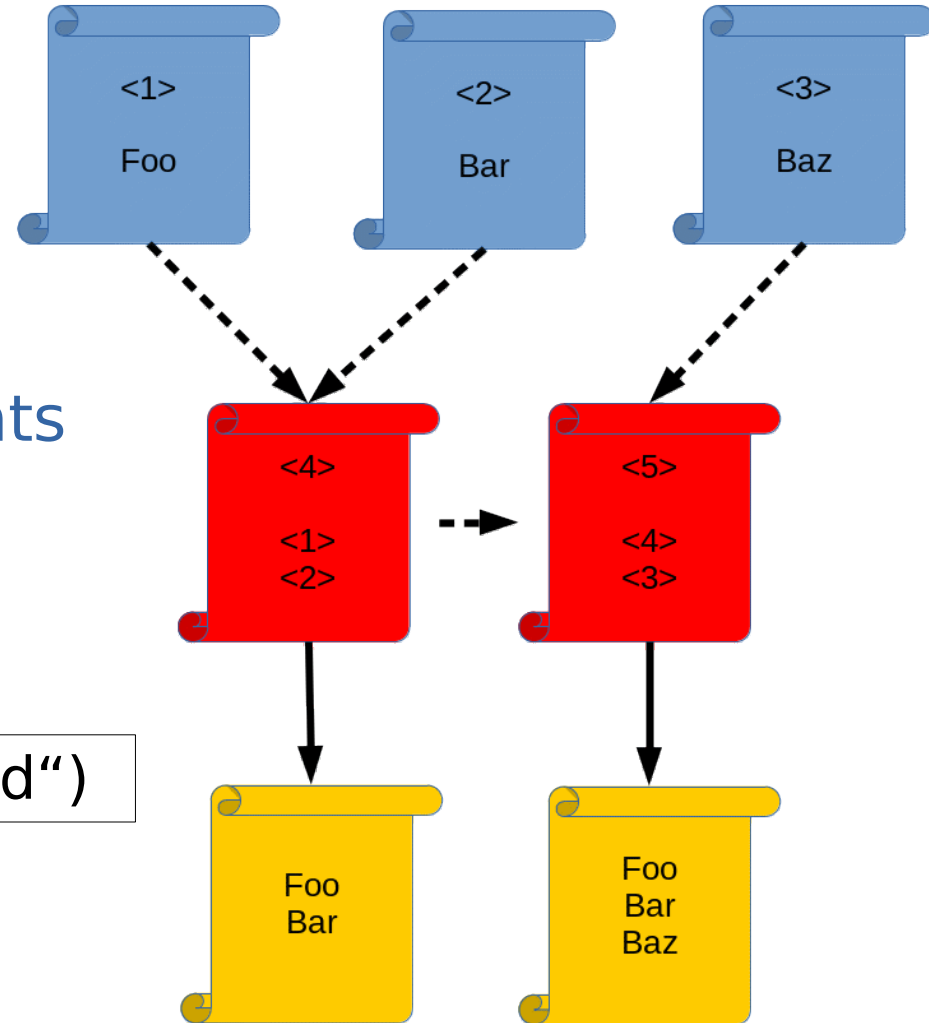   - Mail Merge
- Architecture
- TDF

History

- 2004: Start LiMux with OpenOffice in Munich
- 2005: Initial commit to WollMux
- 2012: Update to LibreOffice 3.6 (since Release 13.10)
- 2013: Update to LibreOffice 4.1 (since Release 14.04)
- 2016: Update to LibreOffice 5.2 (since Release 16.10)
- 2017: Return to Microsoft Office announcement
- 2019: Update to LibreOffice 6.1 (since Release 18.1)
- 2020/21: Update to LibreOffice 6.4 (since Release 18.2)
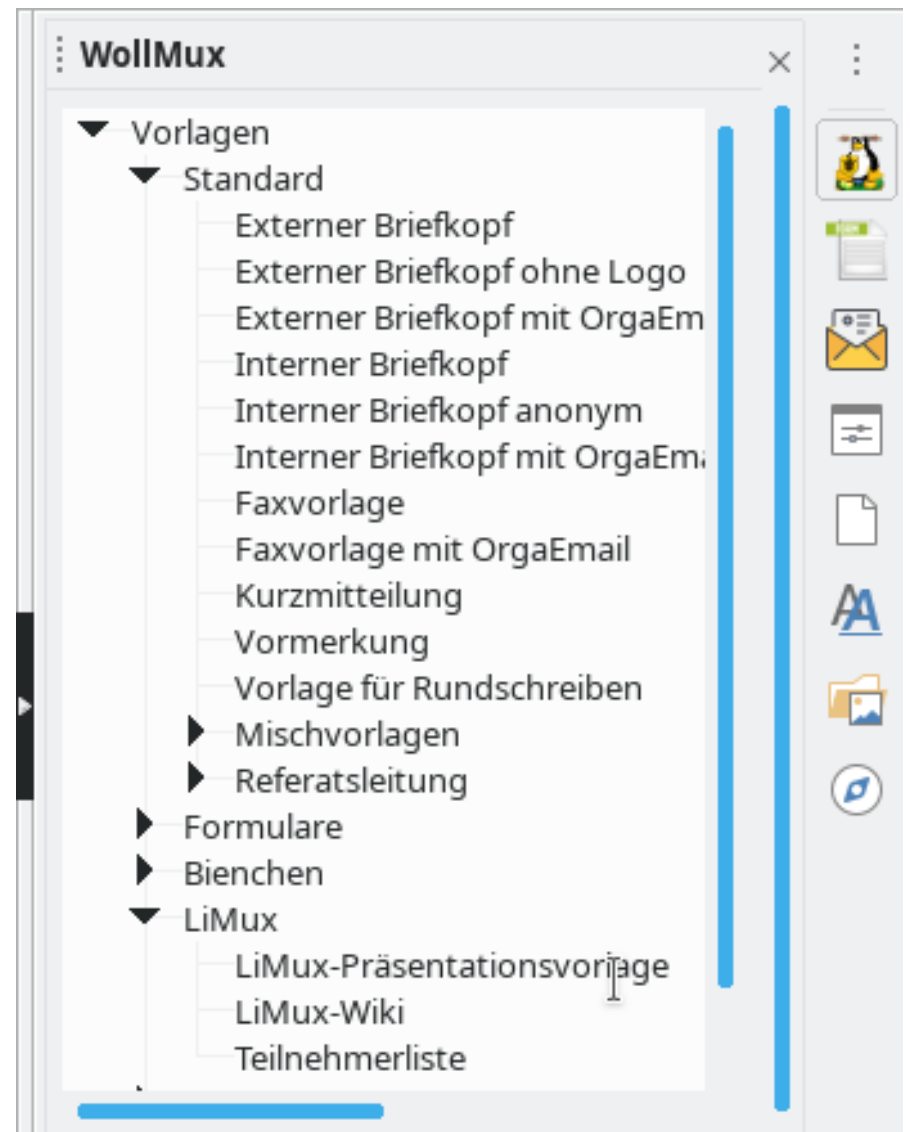- 2023: Migration to Microsoft Office finished

Feature: Templates

- create documents from templates

- templates combine fragments

- templates can be used as a fragment

WM(CMD „insertFrag" FRAG_ID „id")

Feature: **WollMuxBar**

- easy to access templates
  - any LibreOffice Format
  - PDF files
  - websites
  - …
- search for templates

Feature: Personalize Templates

- personalize templates
  - insert data from an external database (LDAP)
  - create new temporary data
- write letters for other people

WM(CMD „insertValue" DB_SPALTE „id"[AUTOSEP „pos„][SEPARATOR „sep"][TRAFO „function"])

Feature: Forms

- additional view to fill in forms

- plausibility checks

- visibility control

- computed values

- gender function

Feature: Content Based Directives

- paper based workflow in public administration

- print different versions of one document
  - original
  - several copies

I. **Vormerkung**

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II. Abdruck von I.

III. **Wiedervorlage**

I. **Vormerkung**

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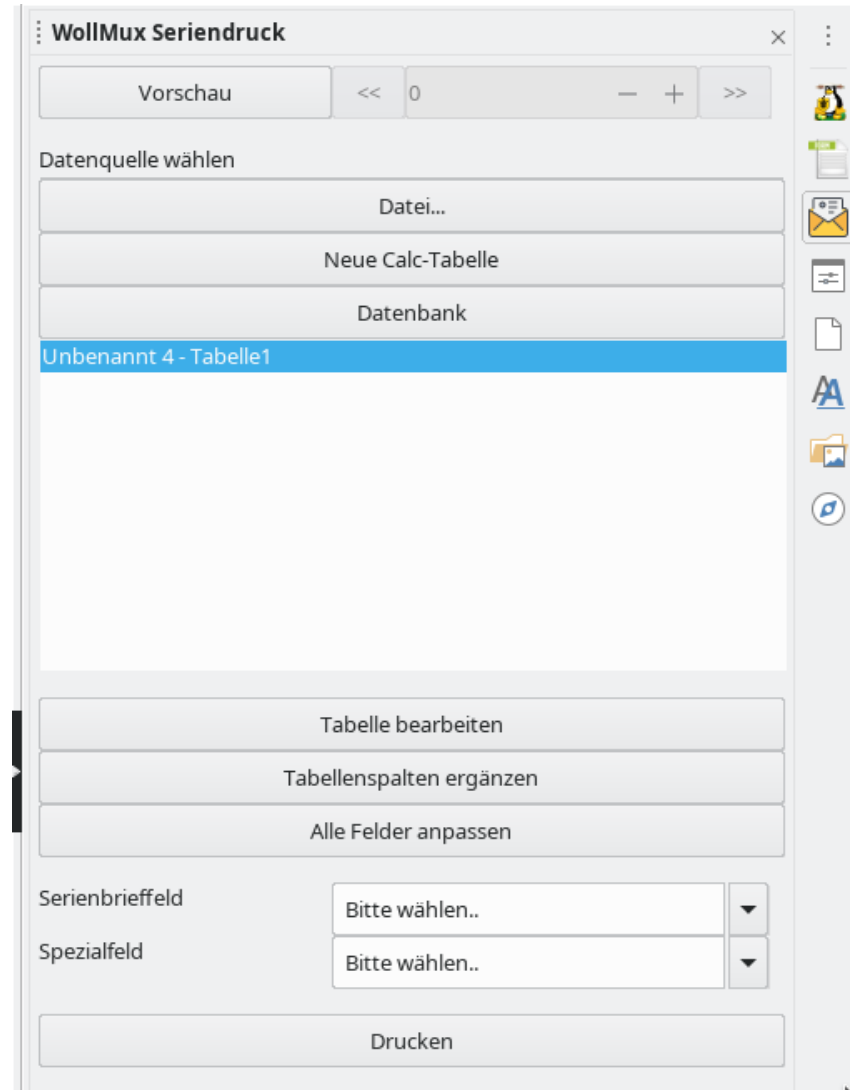II. Abdruck von I.

I. **Vormerkung**

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II. Abdruck von I.

III. **Wiedervorlage**

Feature: Mail Merge

- extension of LibreOffice's mail merge
  - support WollMux forms
  - support content based directives

- preview

- different types of datasource

- several output formats

Architecture

- written in Java
  - uses Java UNO API

- UNOHelper
  - wrapper for frequently used API calls

- Migration from Java Swing to LibreOffice Controls
  - Use the Sidebar
  - Use dialogs from LibreOffice
  - All dialogs are in german

- WollMux is opensource on GitHub

The Document Foundation

- Munich, 2017: Return to Microsoft Office

- migration should be finished in 2023

- need for a new home
  - home of LibreOffice
  - large active community

Finish

Thank You