



## Introducing LibreOffice Safe Mode

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- ▼ FOSDEM 2017

# Rationale

- ▼ User profile causing issues here & there
  - ▼ Various bug reports probably because of broken profiles
- ▼ TDF published a “Tender to design and implement a profile safe mode for LibreOffice (#201604-01)”
- ▼ Goal: Allow the user to identify and fix issues with the user profile

Bug List: (1 of 2) [First](#) [Last](#) [Prev](#) [Next](#) [Show last search results](#)

**Bug 104896** - Writer crashes on start, fails parsing registrymodifications.xcu ([edit](#))

**Status:** UNCONFIRMED ([edit](#))

**Alias:** None ([edit](#))

**Product:** LibreOffice

**Component:** Writer ([show other bugs](#))

**Version:** 5.2.3.3 release  
(earliest affected)

**Hardware:** All All

**Importance:** medium normal

**Assignee:** Yan Pas ([edit](#)) ([take](#))

**QA Contact:** ([edit](#)) ([take](#))

**URL:**

**Whiteboard:**

**Keywords:** corruptProfile, wantBacktrace

**Personal Tags:**

**Depends on:**

**Blocks:**

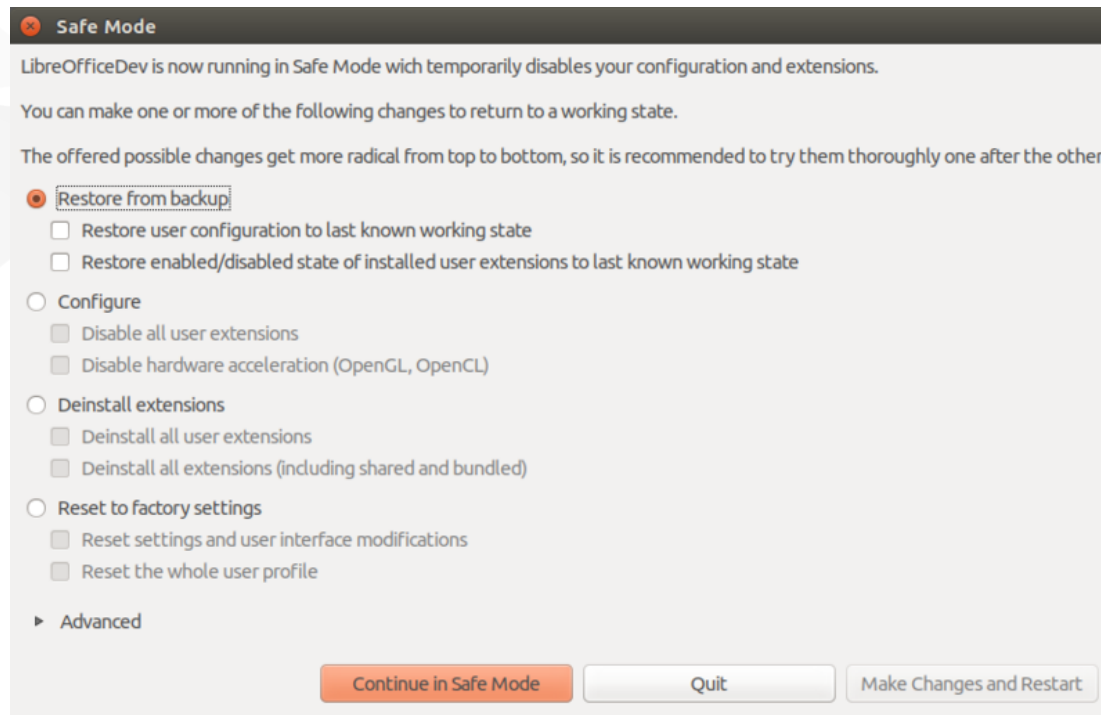
# Solution: Safe Mode

## ▼ Access:

- ▼ Help → Restart in Safe Mode
- ▼ Windows Start Menu entry
- ▼ Command line option:  
`libreoffice -safe-mode`

## ▼ Features:

- ▼ Uses a temporary clean user profile, no H/W acceleration
- ▼ Has various options to restore/reset broken configuration
- ▼ Allows to create zip archive from user profile



# Use Case #1

- ▼ **“LibreOffice doesn’t start – what to do?”**
  - ▼ **Before:**
    - ▼ Try deleting the folder containing your user profile (all settings, extensions etc gone)
    - ▼ Try disabling OpenGL (how to do that when LO doesn’t start?)
  - ▼ **Now:**
    - ▼ Start LibreOffice in Safe Mode
      - ▼ Cmd line parameter: `libreoffice --safe-mode`
      - ▼ Start menu entry in Windows
      - ▼ Runs with clean user profile, H/W acceleration disabled
      - ▼ Has some options to fix broken config

## Use Case #2

- ▼ **“I changed some options and now XY doesn’t work anymore”**
  - ▼ **Before:**
    - ▼ Find and delete your user profile...
  - ▼ **Now:**
    - ▼ Go to Safe Mode, restore last configuration backup

## Use Case #3

- ▼ **“I broke everything. I want to reset LibreOffice to factory settings.”**
- ▼ **Before:**
  - ▼ Find and delete your user profile...
- ▼ **Now:**
  - ▼ Go to Safe Mode, select “Reset entire user profile”

## Use Case #4

- ▼ **“My extensions don’t work anymore / are breaking things”**
  - ▼ **Before:**
    - ▼ Go to extension manager, disable or remove them one by one
  - ▼ **Now:**
    - ▼ Go to Safe Mode, reset state of extensions
    - ▼ or uninstall all user extensions

# Use Case #5

## ▼ “I was requested to send my user profile. Where do I find it?”

### ▼ Before:

#### Windows [\[Bearbeiten\]](#)

- `%APPDATA%\libreoffice\4\user` (LibreOffice 4 & 5)
- `%APPDATA%\libreoffice\3\user` (LibreOffice 3)

Note: on a normal Windows install, %APPDATA% resolves to either "C:\Documents and Settings" or "C:\Users" (the latter path may be localized on non-English versions).

#### GNU/Linux [\[Bearbeiten\]](#)

- `/home/<user name>/.config/libreoffice/4/user` (LibreOffice 4 & 5)
- `/home/<user name>/.config/libreoffice/3/user` (LibreOffice 3 since 3.5.0)
- `/home/<user name>/.libreoffice/3/user` (prior to LibreOffice 3.5.0)

Note: This is for the LibreOffice packages distributed by The Document Foundation. Versi

#### macOS [\[Bearbeiten\]](#)

- `~/Library/Application Support/LibreOffice/4/user` (LibreOffice 4 & 5)
- `~/Library/Application Support/libreoffice/3/user` (LibreOffice 3)

#### LibreOffice Portable [\[Bearbeiten\]](#)

- `LibreOfficePortable\Data\settings\`

### ▼ Now:

#### ▼ Go to Safe Mode, Advanced

- ▼ Click “*Show User Profile*” or
- ▼ “*Create ZIP archive from User Profile*”



# Configuration

## ▼ Various ini properties:

- ▼ SecureUserConfig=true
  - ▼ Enable/Disable backups
- ▼ SecureUserConfigCompress=true
  - ▼ Compress backups
- ▼ SecureUserConfigNumCopies=2
  - ▼ How many copies to keep
- ▼ SecureUserConfigMode=1
  - ▼ 0: only registrymodifications.xcu
  - ▼ 1: + autocorr, autotext, basic, config, database, registry, scripts, template, wordbook
  - ▼ 2: Whole user profile
- ▼ SecureUserConfigExtensions=true
  - ▼ State of extensions (enabled, disabled)

## ▼ Status:

- ▼ Disabled in 5.3
- ▼ Enabled in master (5.4)

## ▼ Customize default values:

- ▼ `<instdir>/program/soffice.ini`
- ▼ `-env cmd line parameter`
  - ▼ `-env:SecureUserConfigCompress=false`
- ▼ Environment variable
  - ▼ `export SecureUserConfigMode=false`

# Demo



Thank you ...

▼ Questions?



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