





# OpenOffice.org Portable - The Office in your pocket

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Content Developer - OpenOffice.org

# Who am I



- Andreas Mantke
- Working for a social insurance organisation
- Member of OpenOffice.org since autumn 2002
- Project status: Content Developer
- From 2003 to 2006 contact for documentation in the de-project
- Currently working with the projects de, documentation, extension-website, OpenOffice.org Portable

# Agenda



- What is OOo Portable?
- Usage
- OpenOffice.org Portable Plus
- Technical overview  
(Structure, Modifications, Compression)
- Installer / Upgrading
- Known Issues
- Benefits

# What is OOo Portable?



- A special version of OpenOffice.org:
  - To carry around on a portable device
  - To use on any Windows computer (or with wine on Unix / Linux)
  - On plugged-in
    - USB flash drive,
    - portable hard disk
    - iPod,
    - other portable device,
  - access to your software and personal data just as on your own PC
  - none of your personal data is left behind on guest PC

# Usage



- Start: double-click OpenOfficePortable.exe file
- Then, like local copy of OpenOffice.org
- Stay Safe
  - Virus scanning
  - Safely removing of the device
  - Backup your device

# Usage



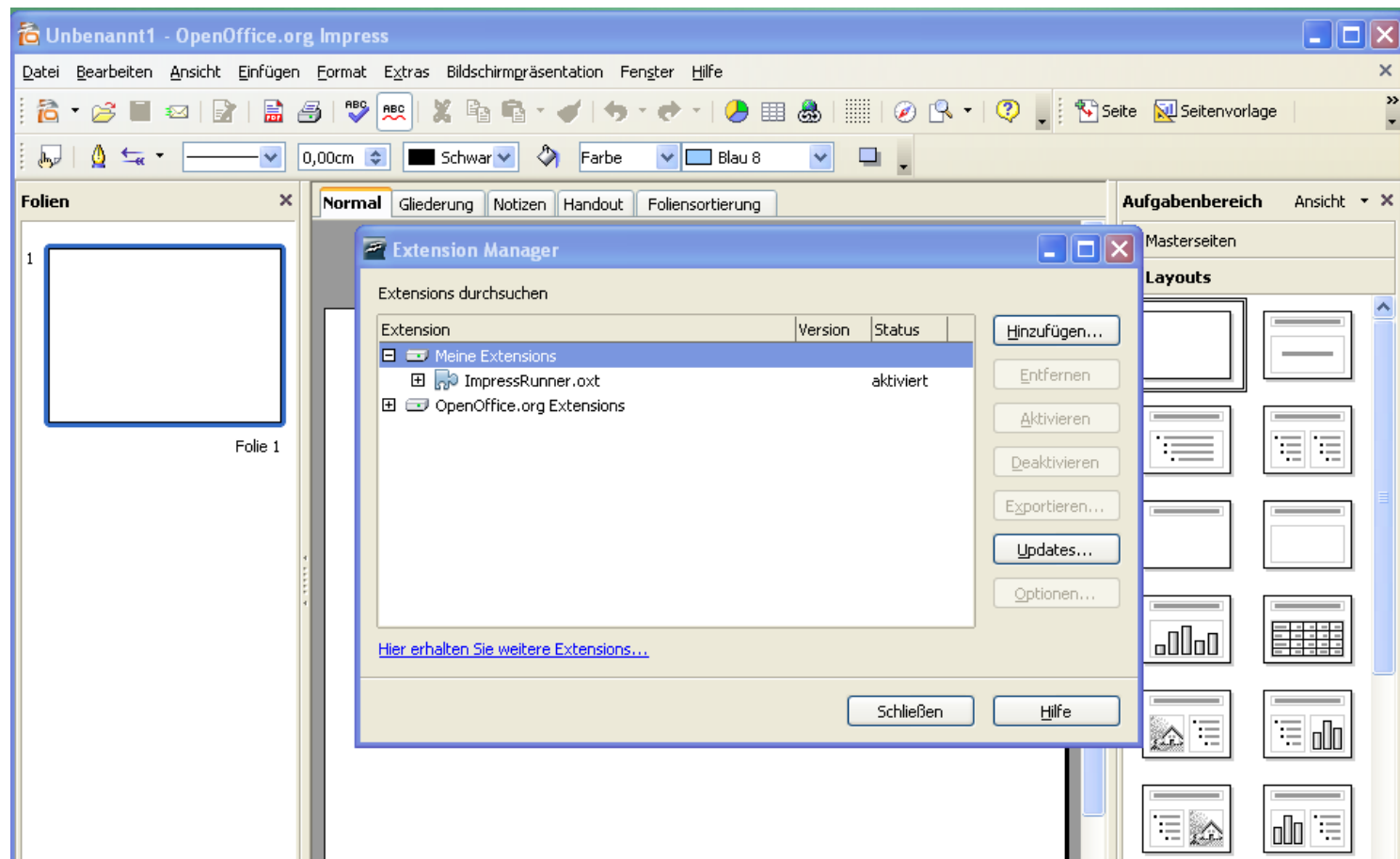
- Java (and all depending functions) portable usable
- Launcher for every programme module (Writer Portable etc.)
- Preseted dynamic standard path for temp and documents to enhance the safety of the portable data
- Extensions installable / executable (Java / Python)





# Usage: Extensions

Extensions installable and executable (Java / Python)



# Usage: From CD



- OpenOffice.org Portable Live
- Copy of a local installed OOoP
  - With config files
  - Needed Extensions
- OpenOfficePortable.ini

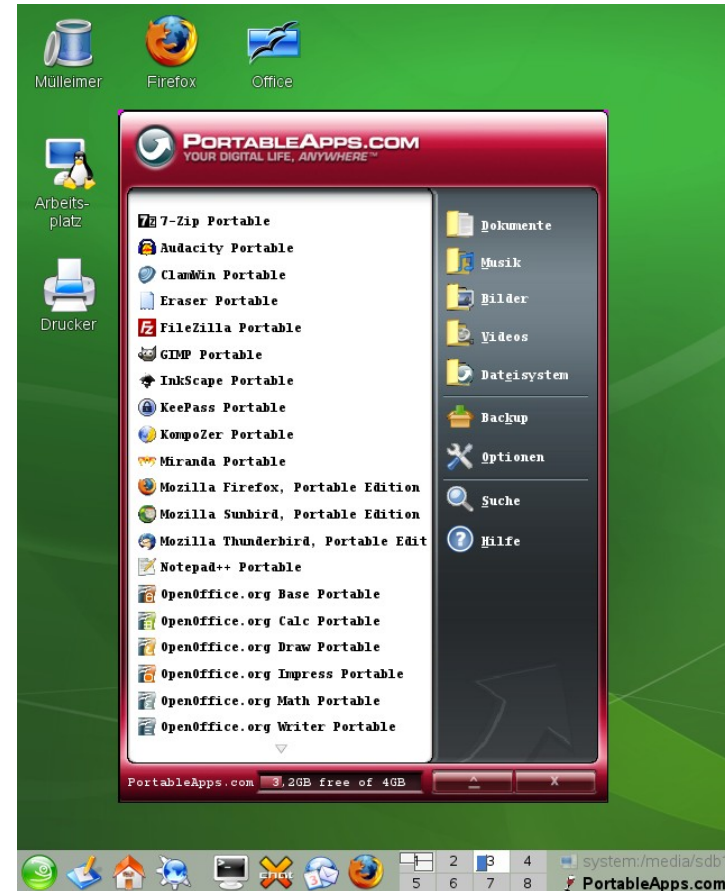
# OOo Portable Plus



- Addition to OOo Portable
- All necessary office applications in a suite
- Directory documents fixed integrated

# PortableApps-Suite with wine

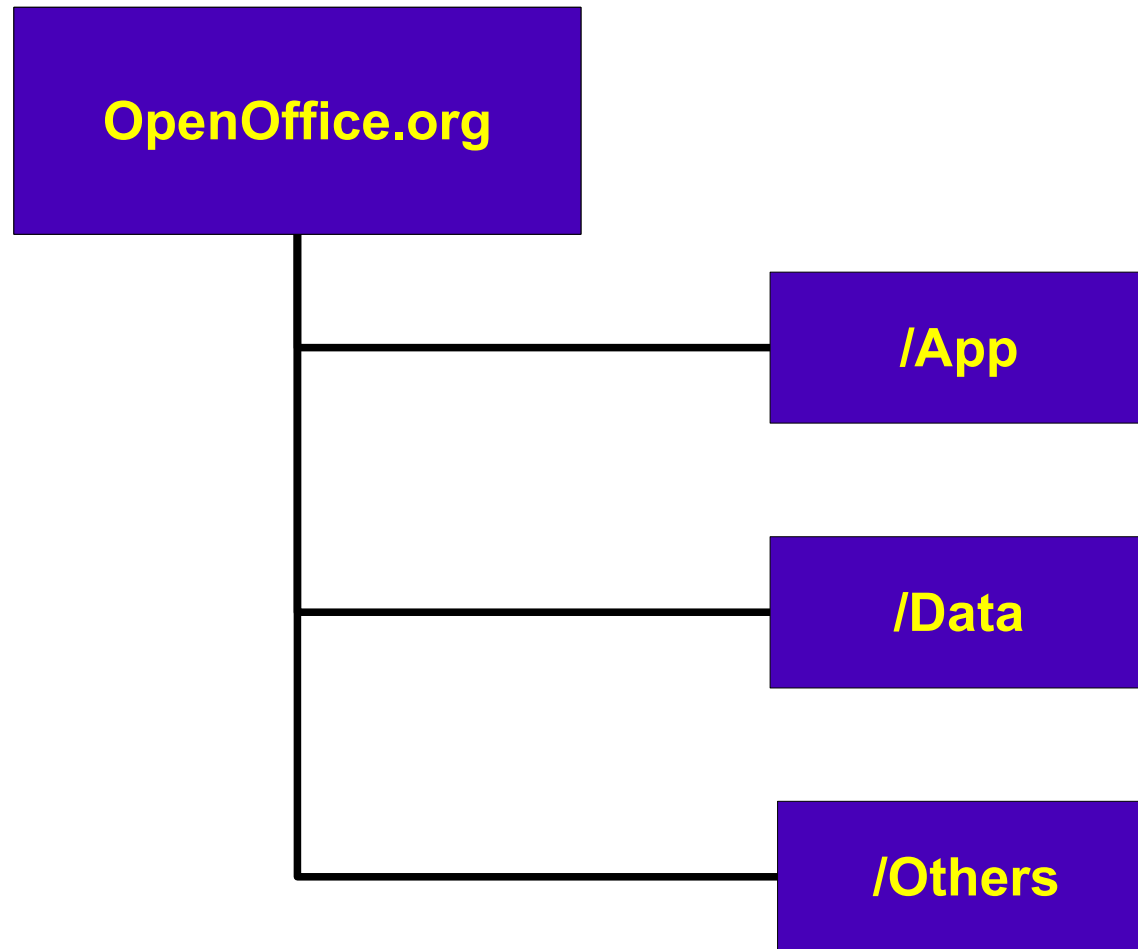
OOoP Plus /  
PortableAps menue  
with wine



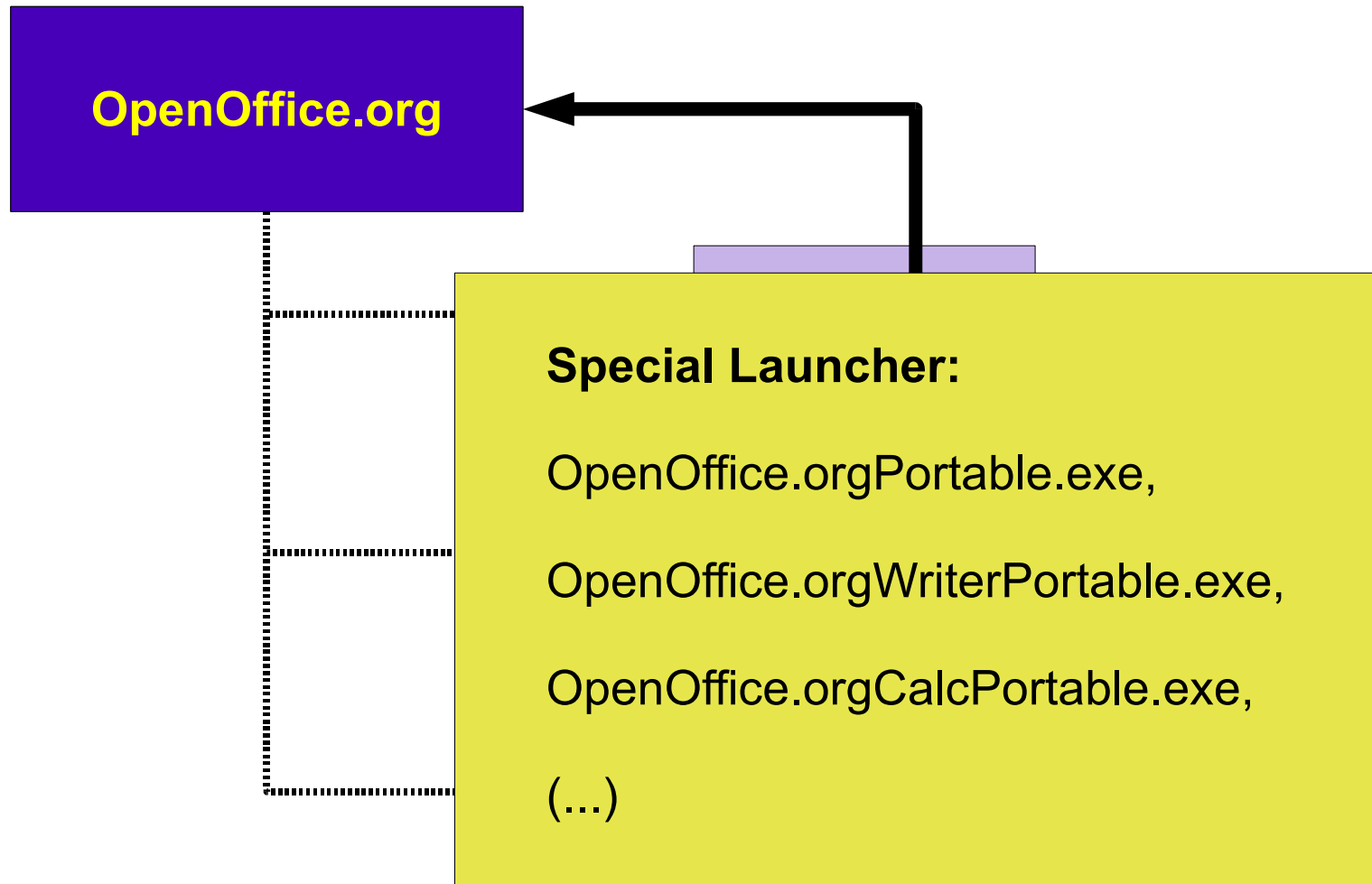
# Selection of portable apps

- OpenOffice.org Portable
- 7-ZipPortable
- ClamWinPortable
- FileZillaPortable
- FirefoxPortable
- GIMPPortable
- InkscapePortable
- MirandaPortable
- NVUPortable
- SudokuPortable
- SunbirdPortable
- ThunderbirdPortable
- VLCPortable

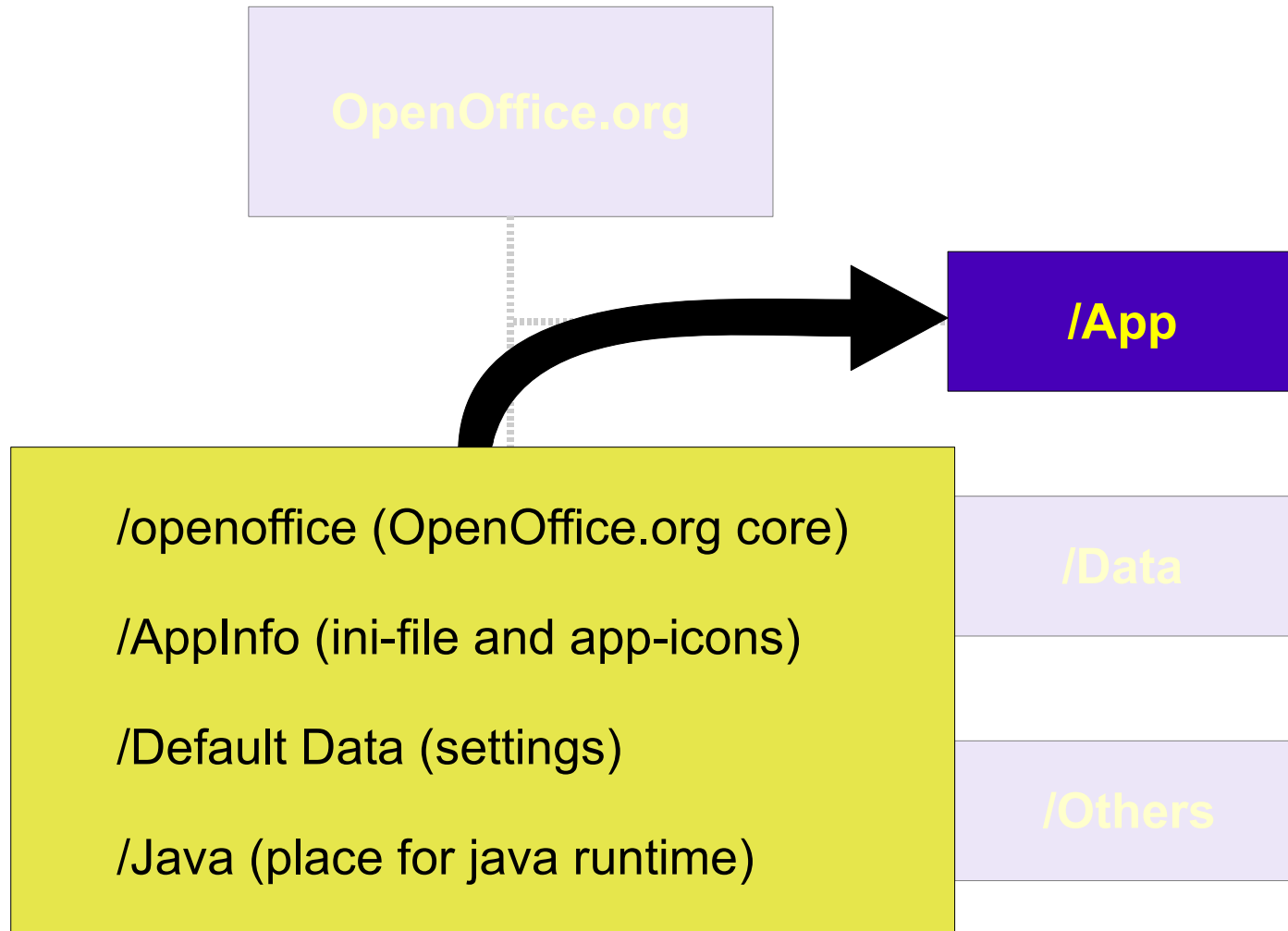
# Technical Overview: Structure



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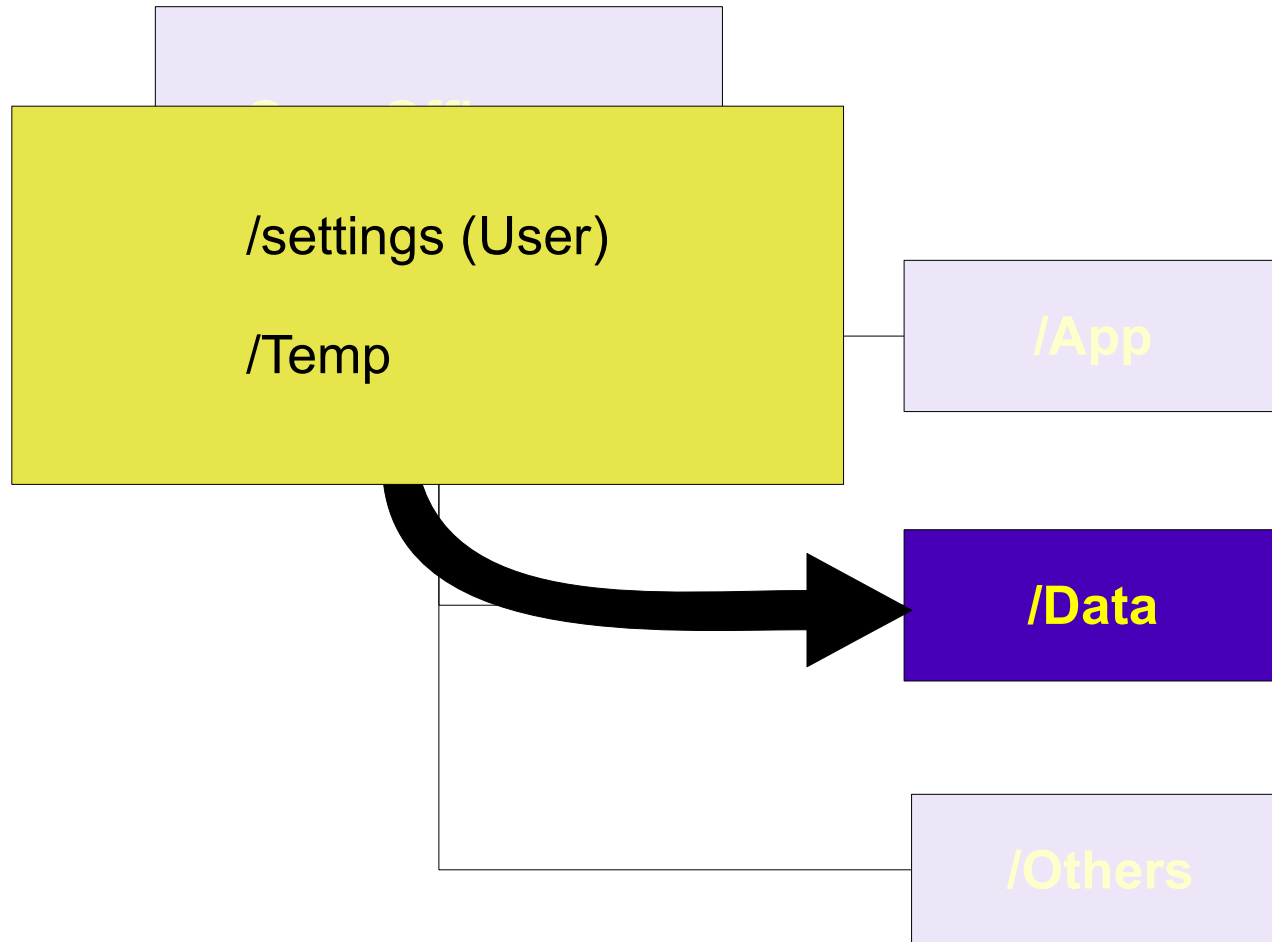


# Technical Overview: Structure

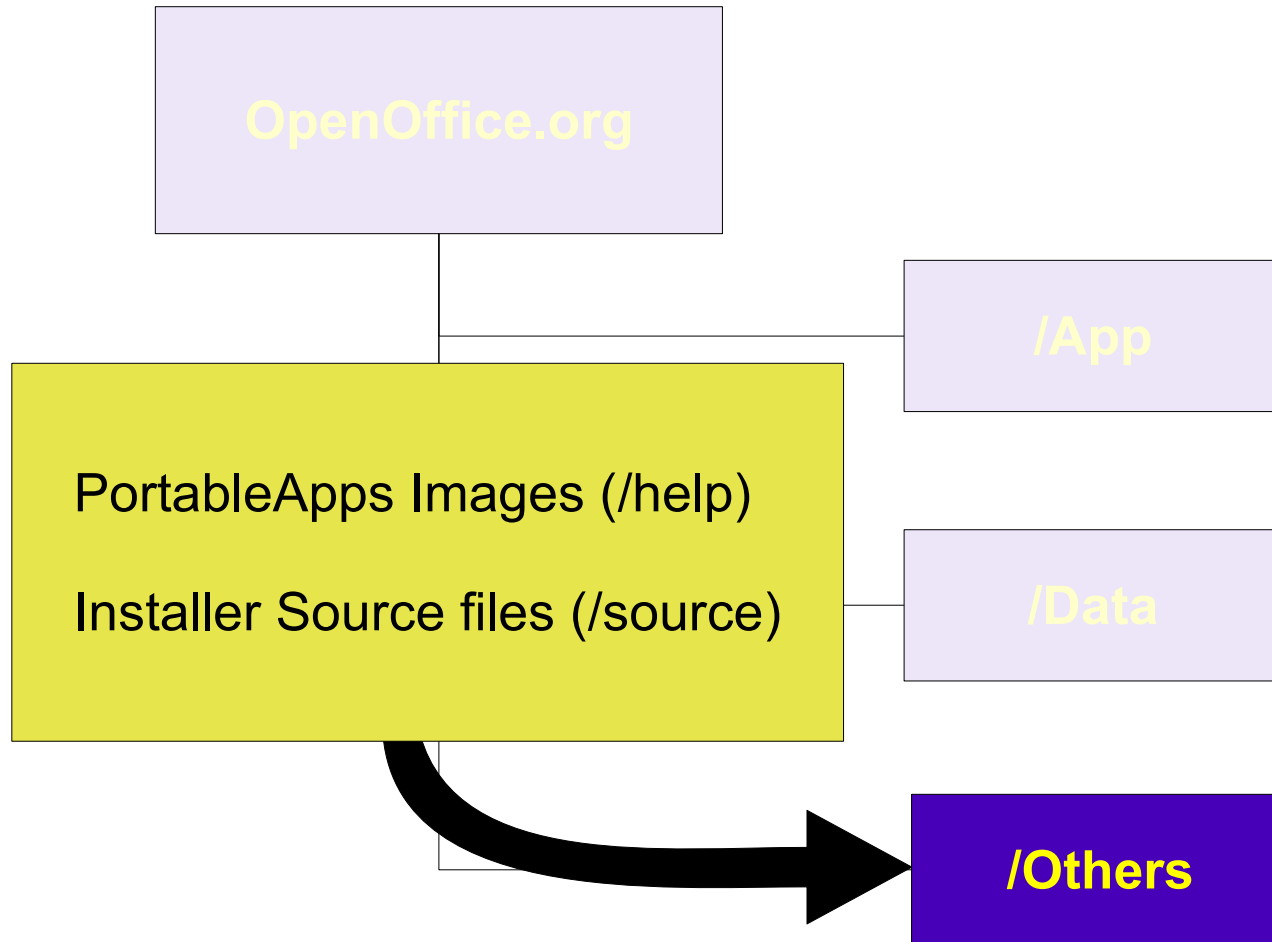




# Technical Overview: Structure



# Technical Overview: Structure



# Technical Overview: Modifications



- Friendly Launcher (created with NSIS)
  - OpenOfficePortable.exe
- Mini Launcher for every Application
  - OpenOfficeWriterPortable.exe etc.
- Customized OpenOffice.org Installation complete without:
  - Explorer extension,
  - ActiveX control,
  - Online update

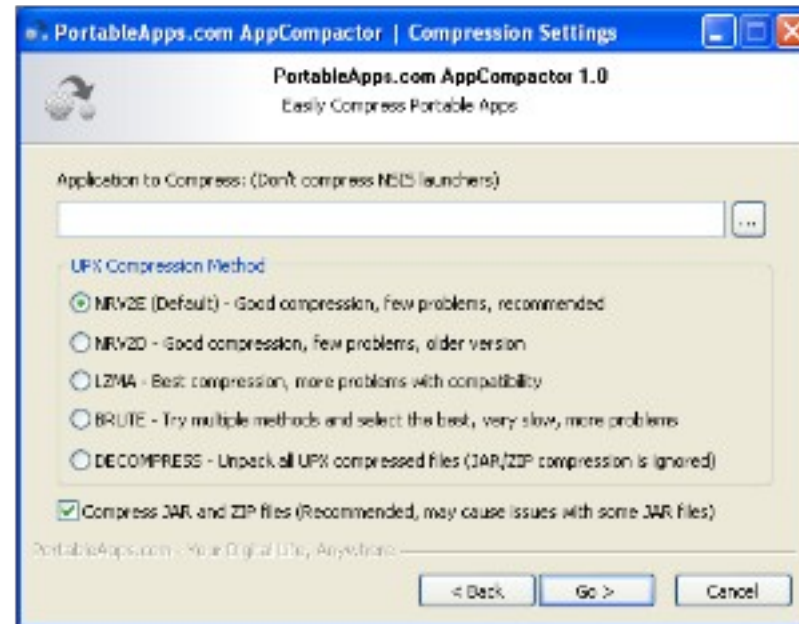
# Technical Overview: Modifications



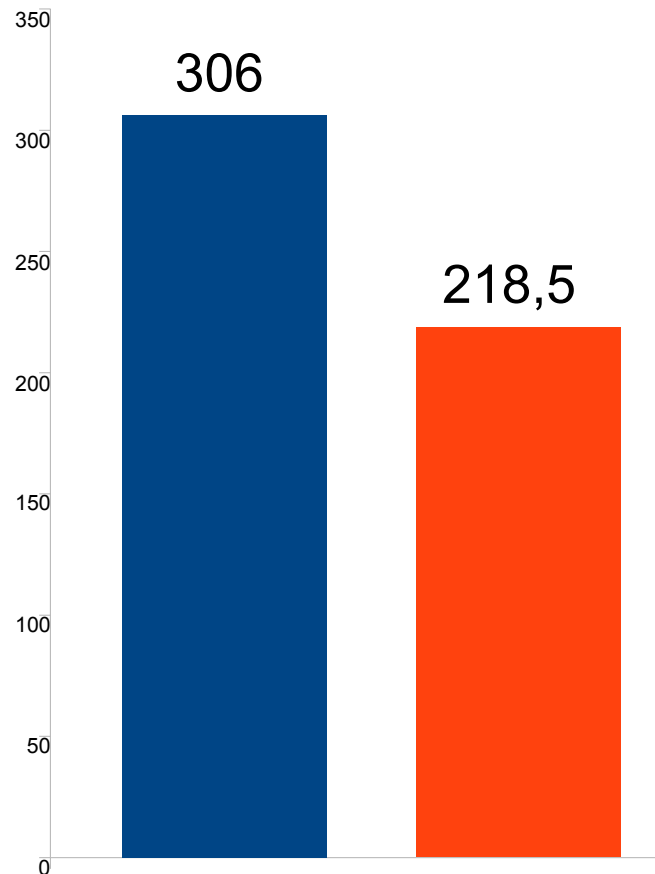
- Compression of all exe- and dll-files with UPX:
  - `--best --compress-icons=0 --nr2e`  
`--crp-ms=999999 -k`
- Compression of all png-files with 7zip to the maximum level
- Recompression of all zip-files with 7zip to the maximum level

# Technical Overview: Modifications

- All done with  
**PortableApps.com  
App Compactor**



# Technical Overview: Compression



**- 28,59 %**

# Installer



- Modular constructed

At the moment: Compilation for every language

- Planed: multi-language-installer
- Option: with and without Python-Support
- NSIS-Script

# Installer



## We need:

- OpenOffice.org-en-US without language files (core-OOo) and python
- Language files for every language (i.e. en-US, de-DE)
- Python-Files (Option in the installer)
- Image packs



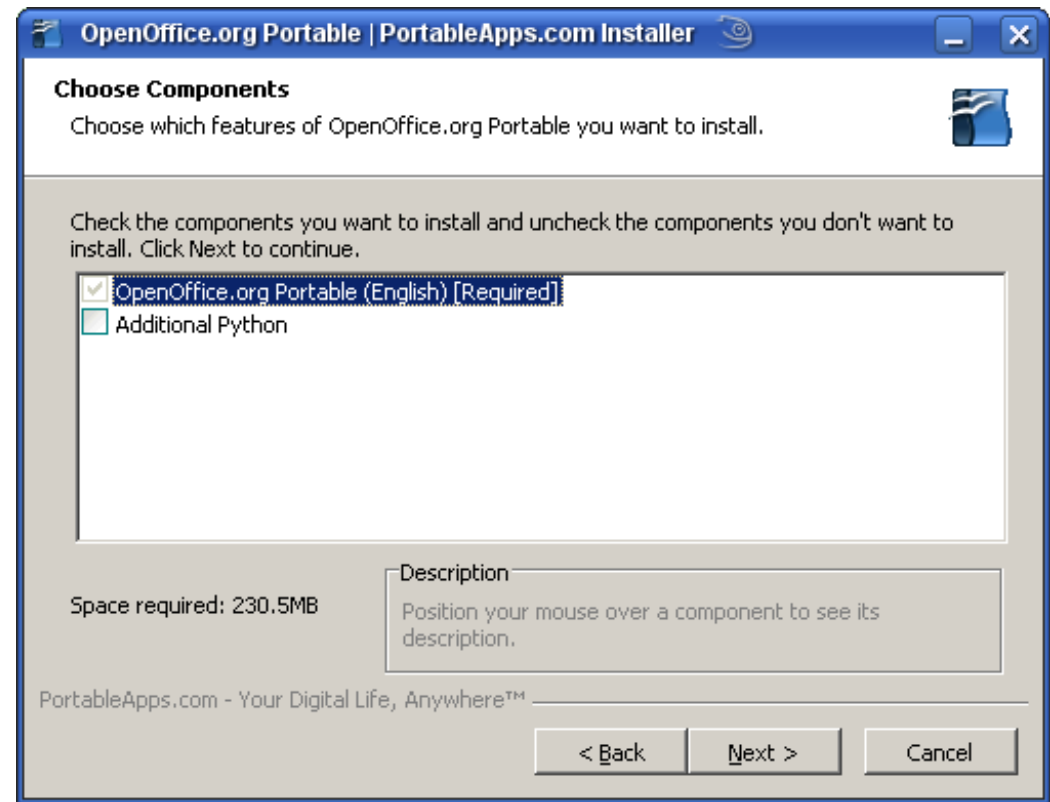
# Installer

- Selfextracting archiv
- Guides in 3 steps through the installation



# Installer

- Select components:
  - Python Support
- Location to save



# Upgrading



- No On-line Update
- Just Download a new OooPortable
- Save the directory \Data\settings
- Unzip on your portable device
- Copy the saved directory \Data\settings into the new OpenOffice.org Portable

# Know Issues



- Trojan/Virus detected  
(some antivirus applications)
- Long Paths and Odd Characters  
(OpenOffice.orgPortable)
- In the past also: Java / JavaVM

# Know Issues



- Performance of the portable Apps depending on:
  - The performance of the host system (especially the USB device and the CPU speed)
  - Quality of the storage medium

# Benefits



- Your Office in your pocket
- Only Necessary: MS Windows <sup>TM</sup>  
(from 3.0 on minimum MS WindowsXP)  
and an open USB-Port
- Option: with wine on Unix / Linux
- None of your personal data left behind  
on guest PC

# Benefits



- Your configuration data in your pocket
- Extensions installed
- Reduced disc space
- Marketing: Show Features on customer PC without installation etc.
- Marketing: give a (product-)presentation with no issue about the software environment on the guest PC

# Benefits



- Migration without risk  
(first step: OpenOffice.org)
- Nearly every main OpenSource office application is now available in a portable version (i.e. Mozilla Firefox, Thunderbird)



# Questions?



Further Information:

[http://portableapps.com/apps/office/openoffice\\_portable](http://portableapps.com/apps/office/openoffice_portable)

in german language:

[http://portableapps.com/de/apps/office/openoffice\\_portable](http://portableapps.com/de/apps/office/openoffice_portable)

and

<http://www.oooportable.org/>



# Thanks!

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[www.OOobeijing2008.com](http://www.OOobeijing2008.com)

