



APACHE CON  
DENVER  
WESTIN DENVER DOWNTOWN  
APRIL 7-9, 2014

# OpenOffice to Apache

Presented For The Apache Foundation By  
 **LINUX FOUNDATION**

# Agenda

- The problem
- Whirlwind tour of the transition
- Lessons learned
- Discuss



# OpenOffice.org

- Derived from StarOffice (StarDivision, Sun, Oracle)
- Consumer product – 100 million downloads
- Large end user community – 220 million page views
- Large complex codebase – 11 million LOC
- Large diverse project community



OOo -> AOO

- Transfer Code
- Transfer Domain
- Transfer Bugs
- Transfer Website
- Done...

# Actuality more complex

- Legal - transferring assets and re-licensing
- Infrastructure - transferring and re-hosting the bits
- Community - heart & soul and re-educating



# Code

- Long and laborious
- Transfer source control with history
- Include branches and working sets
- Archive multiple code repositories
- Re-license code base to ALv2
- Remove incompatibly licensed code
- Switch from Mercurial -> SVN

# Bugs

- Relatively easy
- Export/Import of Bugzilla
- Change ownership of bugs
- Update targets

# Website

- Straight forward but substantial
- Scrape OOO and import/transition to CMS
- Redo website structure
- Deal with sub-domains/services
- Transfer DNS (and alt. domains)
- Move downloads to source forge





# Forums & Wiki

- Transfer successful but not smooth
- Obtain control and transfer hosting to ASF
- Negotiate hosting and admin of non-standard services
- Bring autonomous group into community (more/less)
- Licensing\* - lack of license clarity prevented relicensing
- Double wiki - internal and external



# Documentation

- Not transferred
- Independent group not interested in Apache
- No ability to relicense to ALv2 or CC
- Rebuild full document set in ALv2?



# Translation

- Recreation of community
- Re-create Pootle service – Apache-wide service
- Create new translation process \*
- Re-engage community and recruit new volunteers
- 33 languages and growing



## QA

- rebuild team
- automate testing
- test website

## Design

- Transfer existing designs
- Re-design logo
- Re-design icons/resources
- Re-design web

## Continuous Integration

- Create new build infrastructure
- Automatically build and test source code
- Still waiting for mac and RedHat builds

# Marketing

- Marketing Materials – Collateral, Polls, etc.
- Outreach – FOSDEM (Schwag)
- Distributed Local Presence
- Media interaction



# Community

- Reach agreement on move to Apache
- OOO Way -> Apache Way
- Everything on mailinglists (even Forums?)
- Consensus and non-hierarchical management
- Getting along (internally and externally)



# Lessons Learned - Code

- Project is more than just the code in SVN
  - The other pieces are often most important to the user community
- Ownership and licensing of the code are important
  - Re-licensing of the code was made possible through consolidated copyright
  - Lack of clarity on the licensing of web content created problems
  - Documentation never moved due to copyright outside of the project

# Lessons Learned-Community

- Health of the community is everything
  - Community doesn't happen for free
  - Be aware of all communities – dev, project, and users
- Growing the community requires effort
  - Be welcoming
  - Provide a path to follow
  - Ask for help





# Lessons Learned - Apache

- Look to get the most out of Apache
  - Be open to try new ways of doing things
  - Maximize use of standard infrastructure
  - Use opportunity to take up best practices
- Embrace the Do-ocracy
  - Roll up your sleeves and help
  - Ask questions – don't expect simple answers
  - They'll give you the keys if you show you know how to drive



Questions?

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