

OpenOffice.org on the PowerPC Platform

For OS X and the Linux/PPC folk

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What is PowerPC (PPC)?

- Cool Apple hardware
 - More to the point: processors not made by Intel/AMD, but by IBM/Motorola
- Generally run:
 - Apples: OS X (or Linux/PPC)
 - IBMs: Linux/PPC
 - PegasosPPC: Linux/PPC, MorphOS, emulated OS X

What's available on OS X

- X11 OpenOffice.org build
 - Requires an X11 environment (Panther, CD 3)
 - Generally required before Neo/J can continue
- NeoOffice/J
 - After X11's ready, about 2-3% of the code gets changed (mainly Carbon/Java), and repackaged.
 - GPL fork of OOo
- Community builds with nice packaging (ericb's release)
 - Licensing issues with PackageMaker make it non-official

End users today

- Need mac OS X 10.2 and above
- Official OpenOffice.org Mac OS X release: 1.1.2
- NeoOffice/J release: 1.1 Release Candidate
- ericb's: 680_m93
- All downloads at:
 - http://porting.openoffice.org/mac/ooo-osx_downloads.html
 - <http://ooo.lab-project.net/~ebachard/MacOSX/2.0/>

Developers, today

- 1.2GB of sources (~300MB co)
- If building for 1.1.x, you really want to do it on Jaguar (10.2.x) to make it work “everywhere”
- Ed’s tried building with Tiger (betas)
- I personally only build on Panther (10.3.x)
 - IIRC, ericb’s builds are Panther only too

What you need to begin

- Mac OS X 10.3
- XCode 1.5
- JDK 1.4.2 (+ SDK)
- X11
- ~5GB of free disk space (~15GB for a full debug build)
- Use tcsh as shell
- Anonymous cvs checkout
- Perl Archive::Zip
- gpc
- Ant (though built-in works)

http://porting.openoffice.org/mac/build_680_X11.html

Where we are

- cws: macosx06
- Still patches need applying: like the epm metapackage script; Start_00o
- Mozilla – you can build it, or use pre-built ones
- Only really became usable at m72
 - m94 is ready for QA now

Problems we face

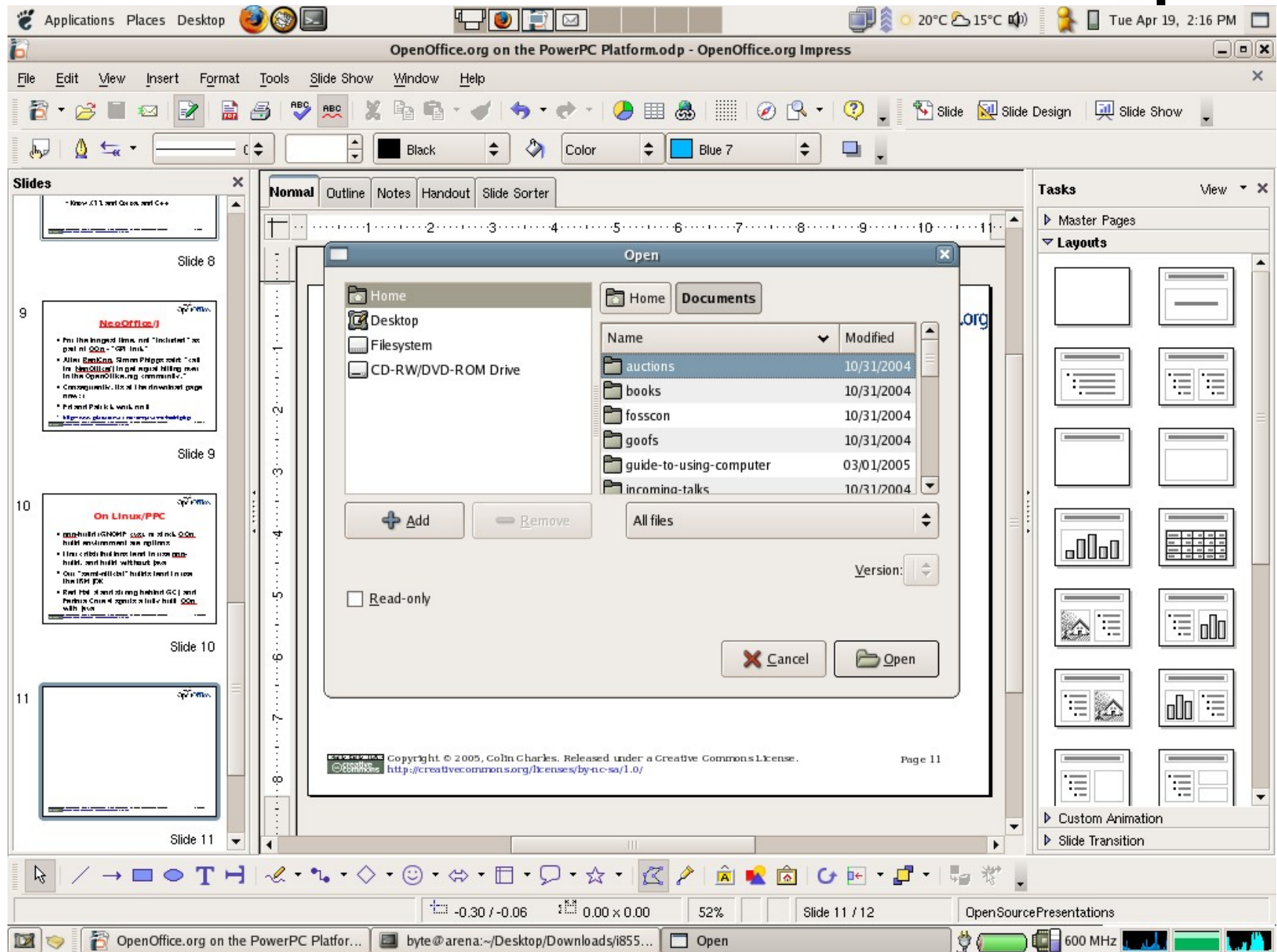
- Lack of *developer* interest
- Still X11 based
- Bad Slashdot karma ~3Q last year
- Need developers that can
 - Build OOo
 - Know X11, and Cocoa, and C++

NeoOffice/J

- For the longest time, not “included” as part of OOo - “GPL fork”
 - After RegiCon, Simon Phipps said: “call for NeoOffice/J to get equal billing over in the OpenOffice.org community.”
 - Consequently, its at the download page now :)
- Most popular among Mac users
 - Ed and Patrick lead this projecy
- <http://www.planamesa.com/neojava/en/build.php>

On Linux/PPC

- ooo-build (GNOME cvs), or stock OOo build environment are options
- Linux distributions tend to use ooo-build, and build **without** Java
- Our “semi-official” builds tend to use the IBM JDK
- Red Hat stand strong behind GCJ, and Fedora Core 4 sports a fully built OOo with Java



What we need

- As Ken said yesterday: more developers
- More testers
- QA folk
 - Get used to IssueZilla
 - Signup for an account
 - Ask dev@qa.openoffice.org for more permissions once you're familiar and proven yourself

Thank You!

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