

15 Years Windows Free Zone

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15 Years ...

- GeNUA

- Gesellschaft für Netzwerk und Unix-Administration
- GmbH (~Limited)
- established 1992
- 3 proprietors (all from TU Muenchen, Physics)
- had been running UNIX-like systems for years
 - SunOS, Ultrix, HP-UX, IRIX, AIX, BSD, SysV, V7



... Windows Free Zone

- Servers + Workstations
 - Debian GNU/Linux 3.1 (sarge)
 - some OpenBSD, some other Linuxes
- Products (security appliances)
 - OpenBSD 3.x/4.x
- Windows 2003 Terminal Server
 - if we do need Windows for something
- Infrastructure
 - CISCO, PostScript printers



Text without Windows

- OpenOffice.org Writer
 - just like MS-Word
- Koffice, Abiword, ...
 - same thing, done differently
- LaTeX
 - real good typesetting, markup language
- vi + emacs
 - don't need no fancy formatting



Spreadsheets without Windows

- OpenOffice.org CALC
 - just like MS-Excel
- Kspread
- Gnumeric
 - similar, interface to R
- sc, oleo
 - terminal style
 - small and easy



Presentations without Windows

- OpenOffice.org Impress
 - just like MS-Powerpoint
- Kpresenter
- Magicpoint
 - ASCII input, very flexible
- LaTeX
 - `\documentclass{slides}` or `{prosper}`
- S5
 - Web based (XHTML, CSS, JavaScript)

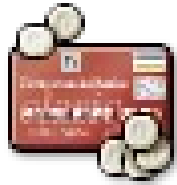


CRM/ERP without Windows

- Didn't find anything at that time
- Need something
- DIY!
- Now:
 - Compiere
 - erp5



Bookkeeping without Windows

- Long time ago: KHK on WinNT 3.51
 - NCD WinCenter, windows on X11 display
- OpenSource
 - Gnucash 
- Commercial, but running on Linux:
 - Adata (in use until 2006/06)
 - SAP (now)
 - make sure you use supported configuration

Telephony without Windows

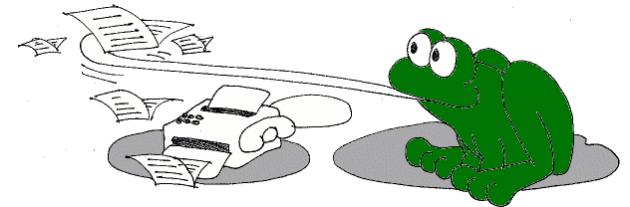
- Asterisk



- ISDN termination for POTS
- SIP hardphones internally
- some ISDN / FXS ports for legacy equipment
- phones (SNOM) also run Linux

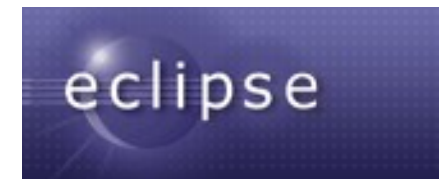
- hylafax

- ISDN and analog fax



Developing without Windows

- Languages
 - perl, ruby, C/C++, ...
- Environment
 - eclipse, kdevelop, emacs, vi :-)
- Source Code Management
 - RCS, CVS, subversion, aegis
- Web
 - hundreds of tools



What is Easy?

- integrating our own tools
 - TNT: PerlTK + PostgreSQL + LaTeX + phone
 - do things The Unix Way (TM)
- interoperability with customer data
 - MS-Office <--> OpenOffice.org
 - PDF (acroread, [gkx]pdf, ...)

What is hard?

- 1001 ways to do the same thing
 - every user has different preferences
 - eg. Email: kmail, evolution, mh, mutt, ...
 - define ONE standard and support that!
- Customers want VISIO
 - programs with similar features available, e.g. kivio, but not interoperable :-)
 - run Windows Terminal Server somewhere
- special applications
 - not everything is available as OpenSource :-)

Thanks!

Questions afterwards!