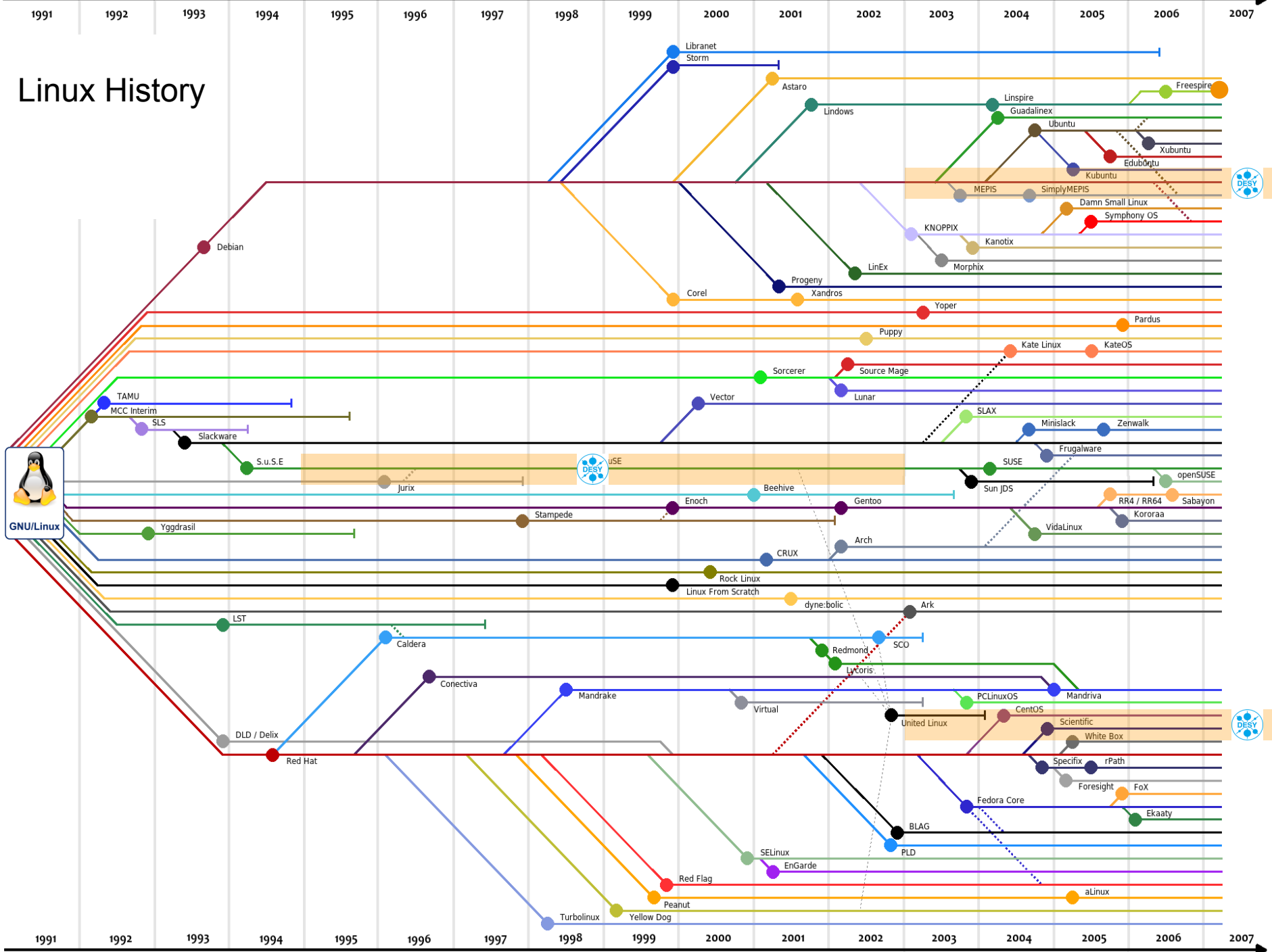


Software Updates

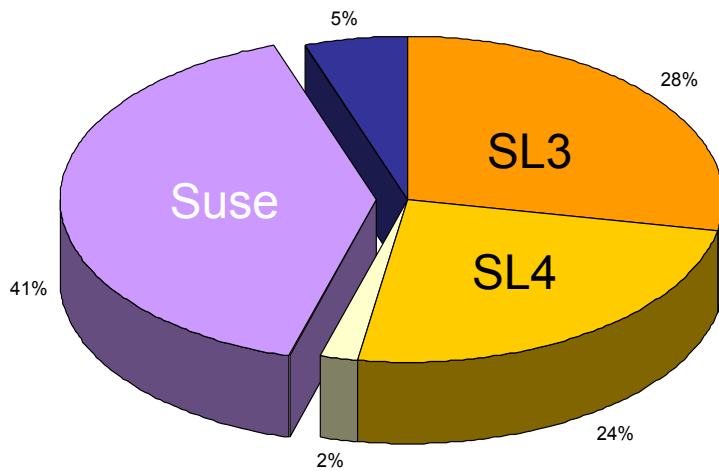


- Firefox
- New stuff / Other Updates
- Known problems

Linux History

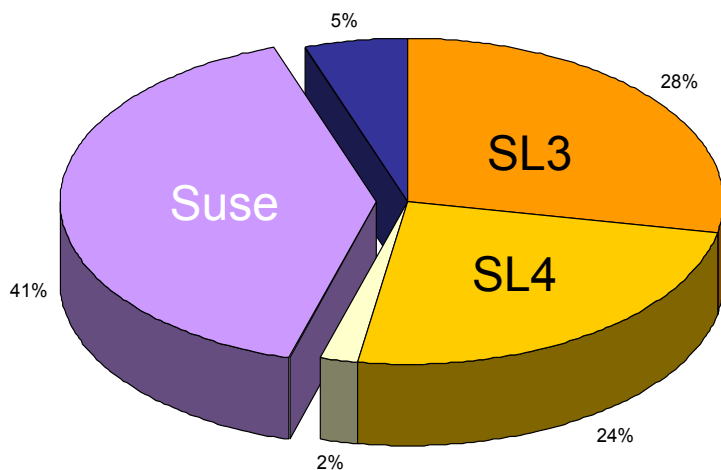


Software Updates

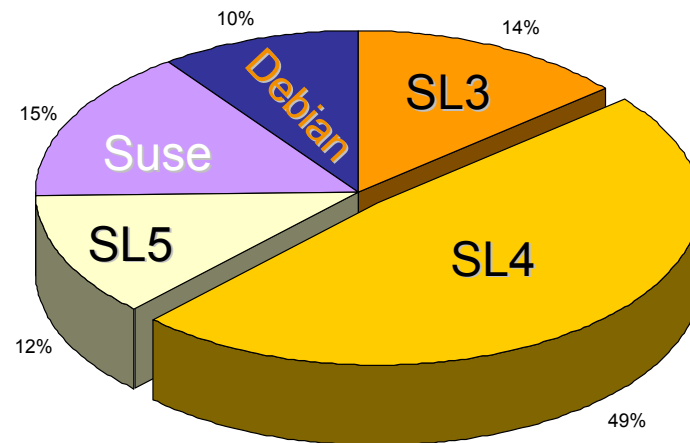


11/2007

Software Updates

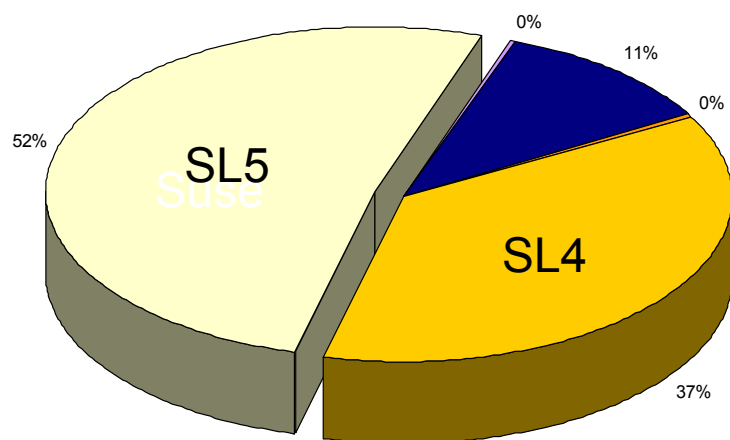


11/2007

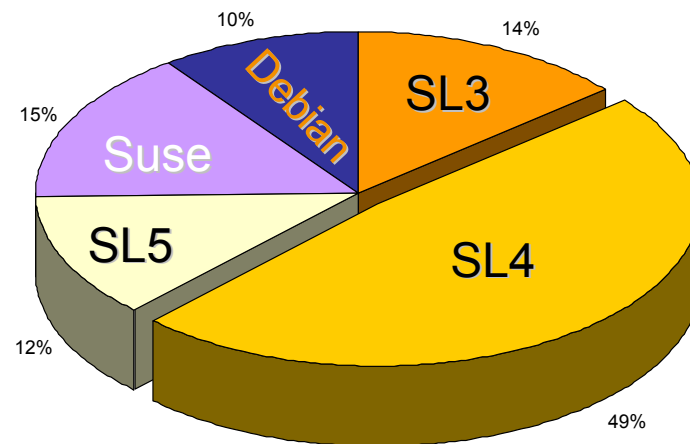


10/2008

Software Updates



10/2009



10/2008

PS: current SW (e.g. Matlab) complains on SL4 – too old ...

SL 5.2 / 4.7 Updates



- ~500 packages updated by RedHat
 - SL4.7 / SL5.2 each
 - drastic changes:
 - evolution, firefox, thunderbird
- Only minor or no updates for
 - OpenOffice
 - python
 - php
 - jdk
 - TeX
 - dev-tools (gcc, gfortran, eclipse & co.)

Firefox 3.



good news ...



... now available for all SL4/5 !

Firefox 3.

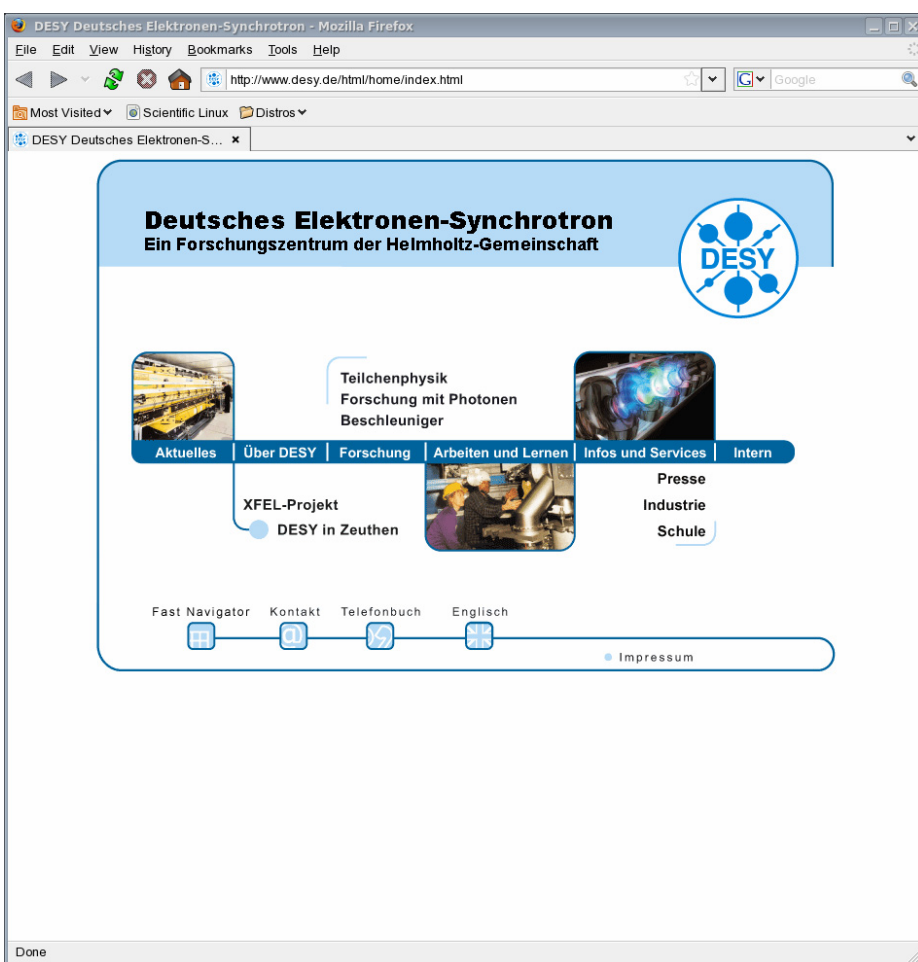


bad news ...

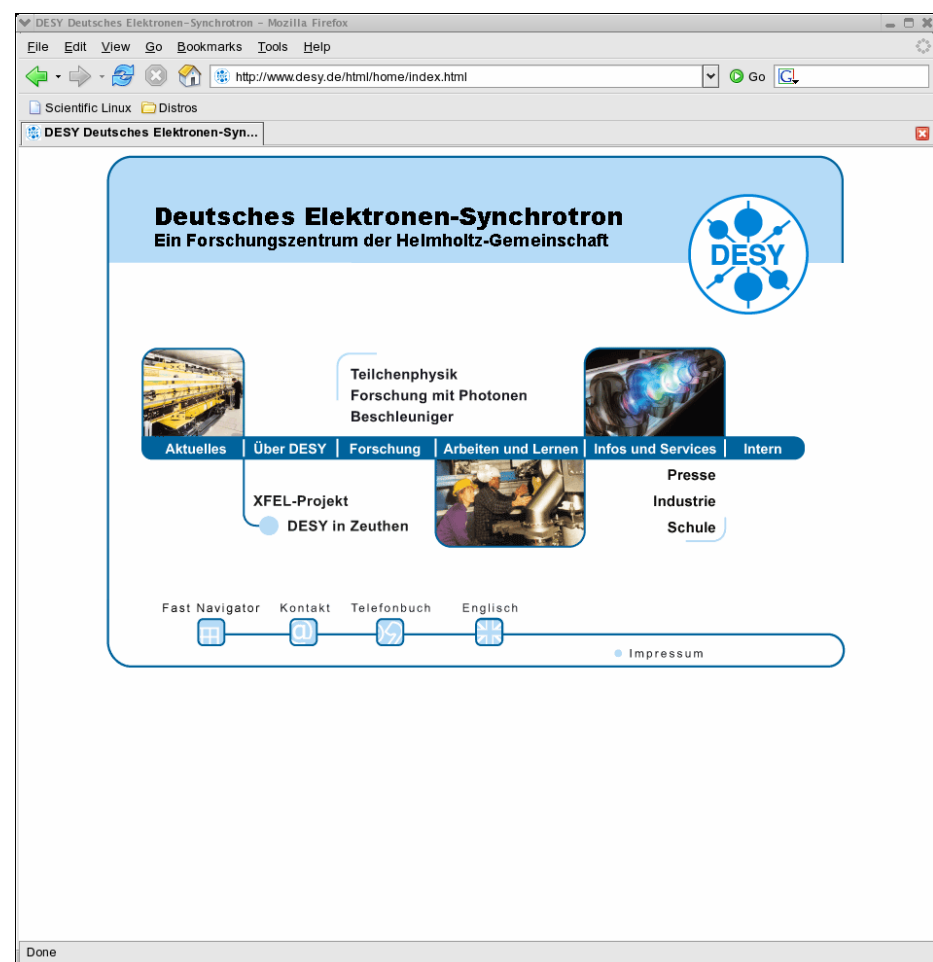


... now available for all SL4/5 !

Firefox 3.



- Firefox 1.5.0.12



- Firefox 3.0.2

Firefox 3 – what's new



• GTK

- native GTK (SL4/5)
- native glib2 (SL4/5)

• Printing

- supports all (LPRng)

• Certificates

- warnings

• Settings

- html based
- editable
- not very smart browsing

• GTK

- GTK 2.10.4 (SL4)
- glib2 2.12 (SL4)
- gtk/glib2/pango/cairo in evolution2.8
- two complete evolution installations

• Printing

- supports cups (gtk)

• Certificates

- strict handling

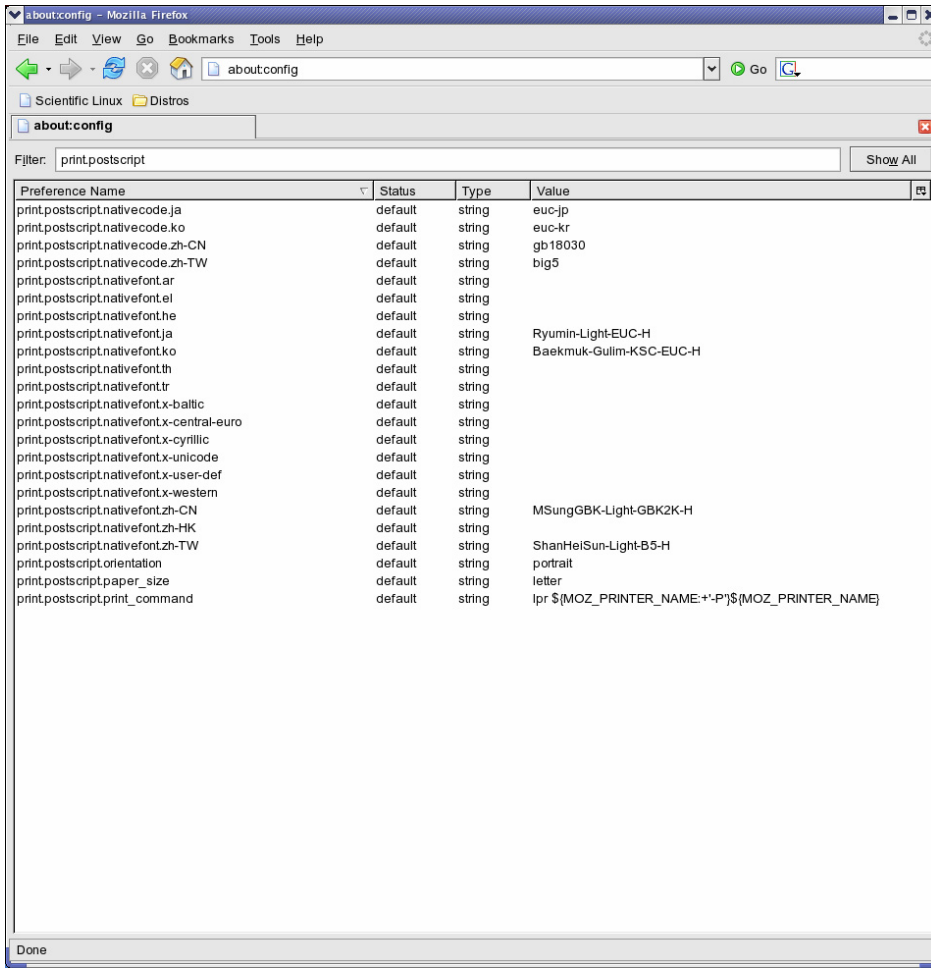
• Settings

- sqlite based
- not editable
- *smart* browsing
- *secure* browsing

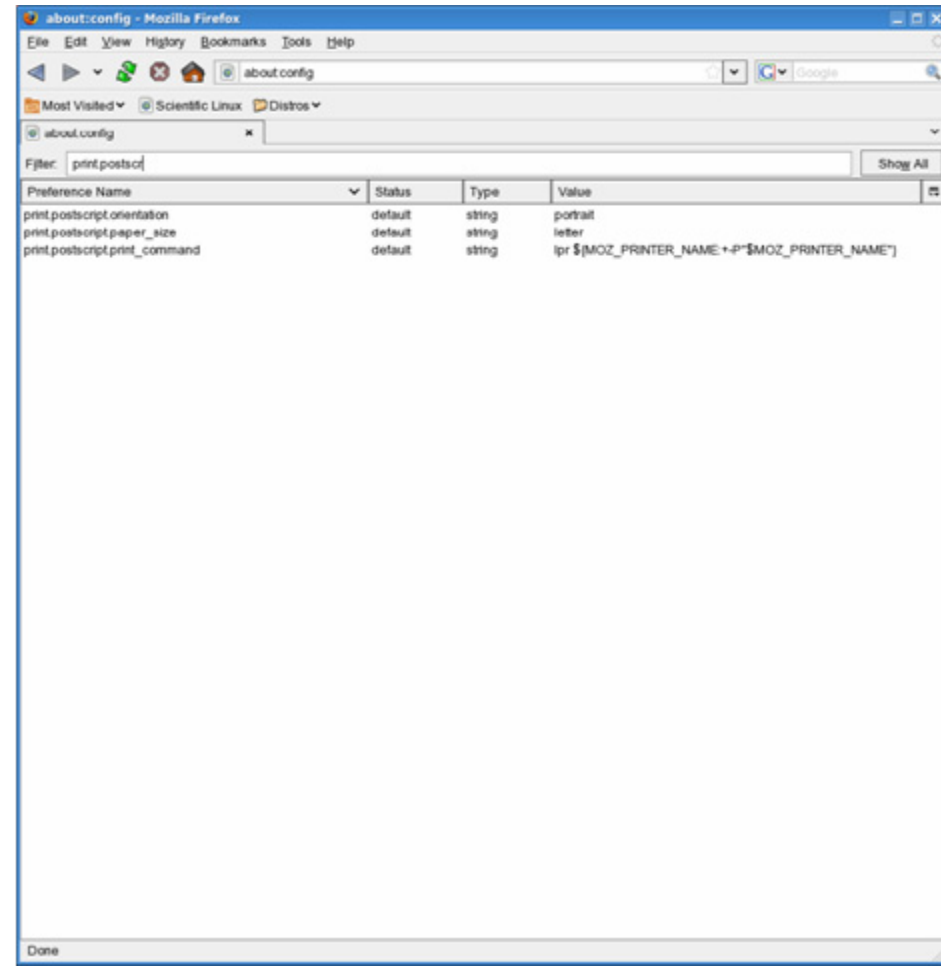
• Firefox 1.5.0.12

• Firefox 3.0.2

Firefox 3 - Printing

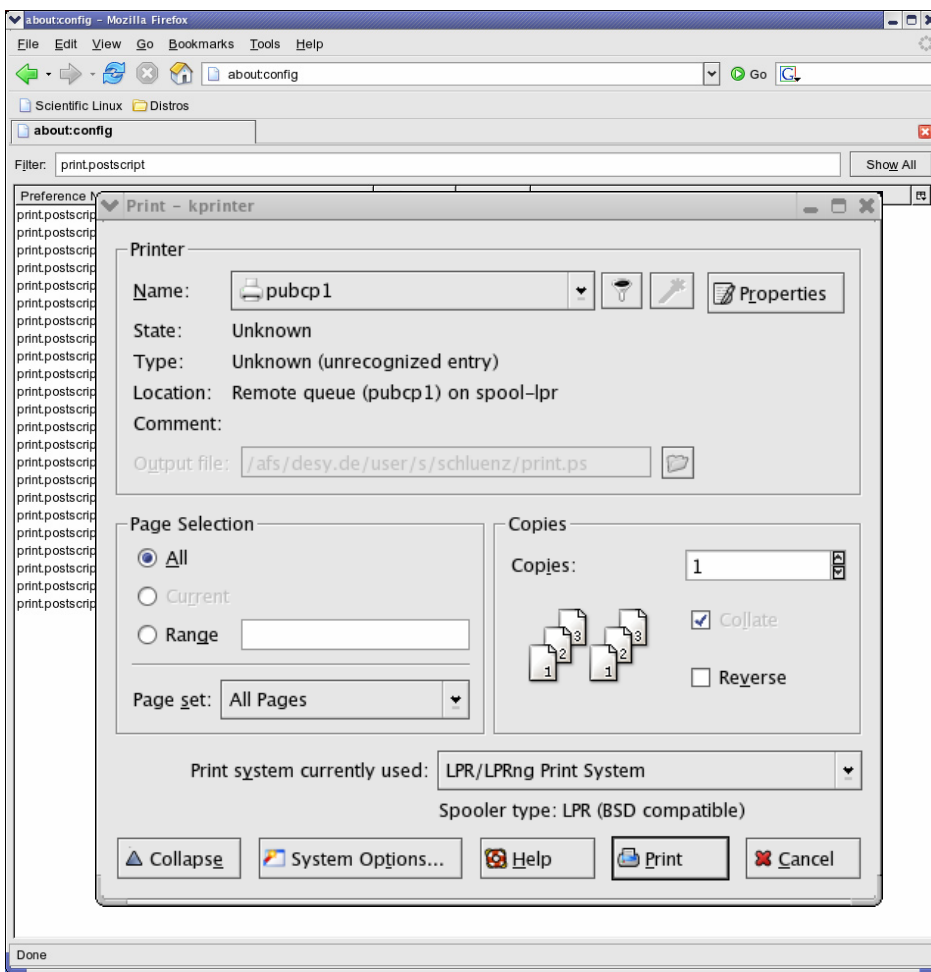


- Firefox 1.5.0.12

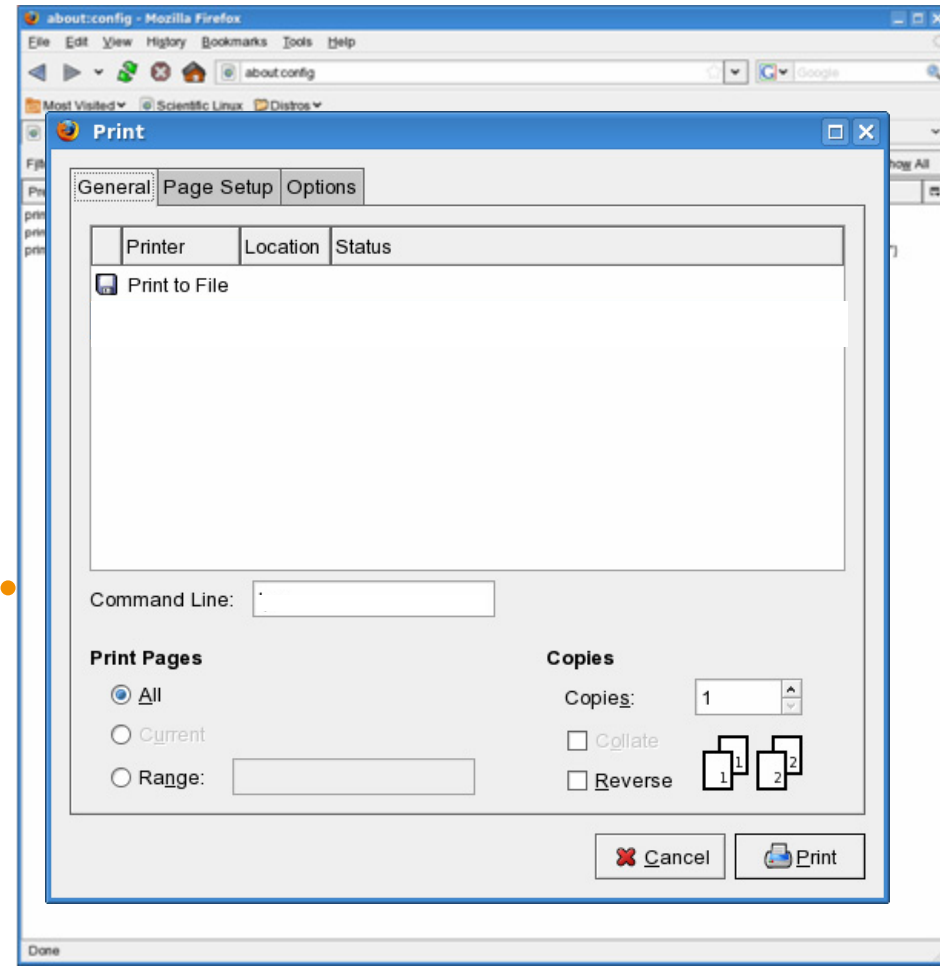


- Firefox 3.0.2

Firefox 3 - Printing



- Firefox 1.5.0.12

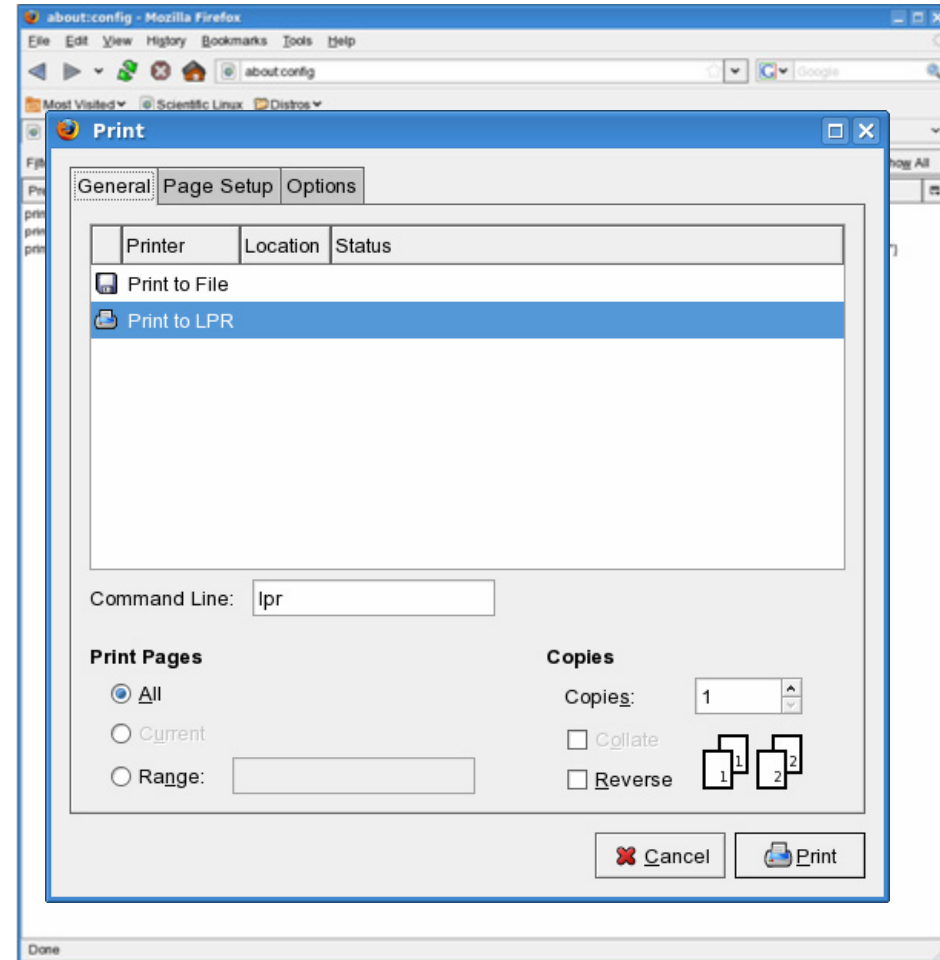


- Firefox 3.0.2

Firefox 3 - Printing



- No kprinter & co.
- Limited LPRng support – uses \$PRINTER
- LPRng (SL4)
 - requires libprintbackend from evolution2.8
 - not available for other apps -> trouble
 - Without gtkrc customization no printing at all



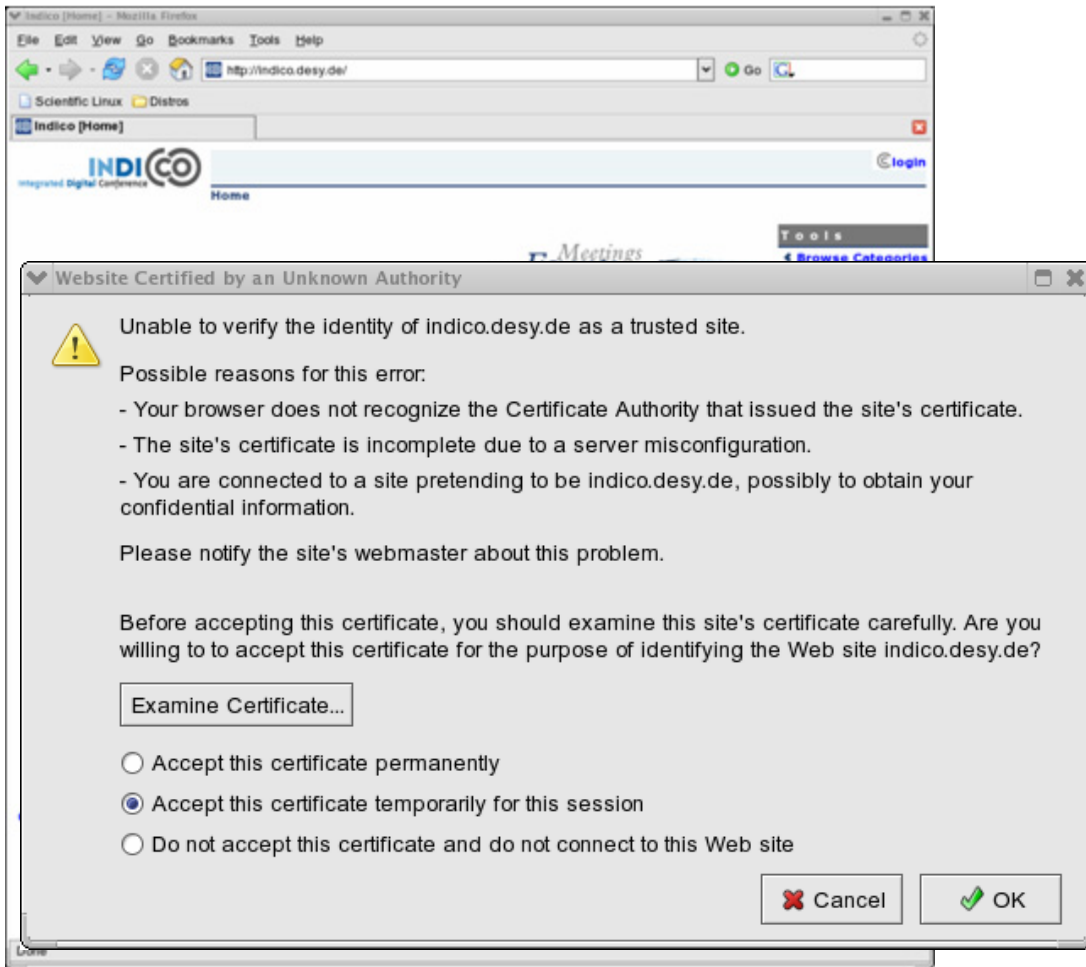
... printing is a show stopper

Firefox 3 - Certificates

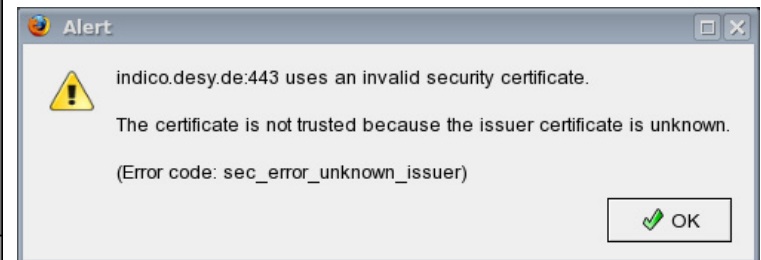


- visit <http://indico.desy.de>

Firefox 3 - Certificates



- Firefox 1.5.0.12



- Firefox 3.0.2

Firefox 3 - Certificates



- Firefox 1.5.0.12

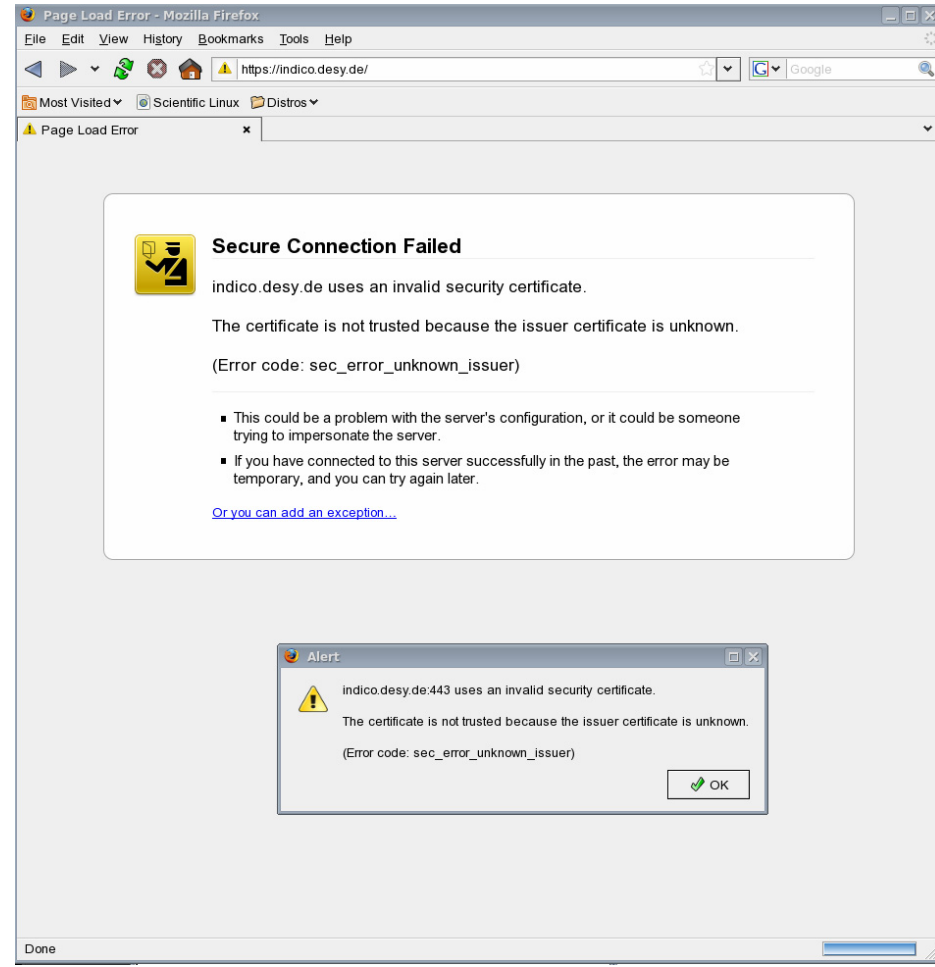


- Firefox 3.0.2

Firefox 3 - Certificates



- Firefox 1.5.0.12

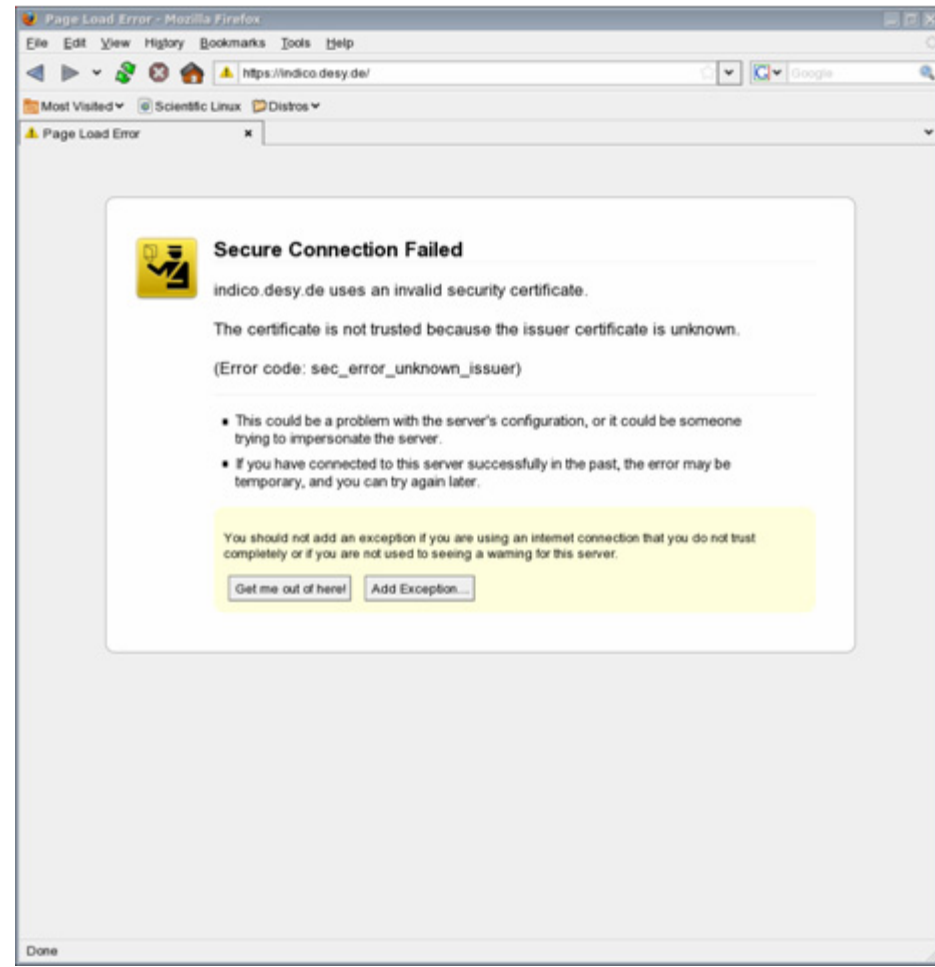


- Firefox 3.0.2

Firefox 3 - Certificates



- Firefox 1.5.0.12

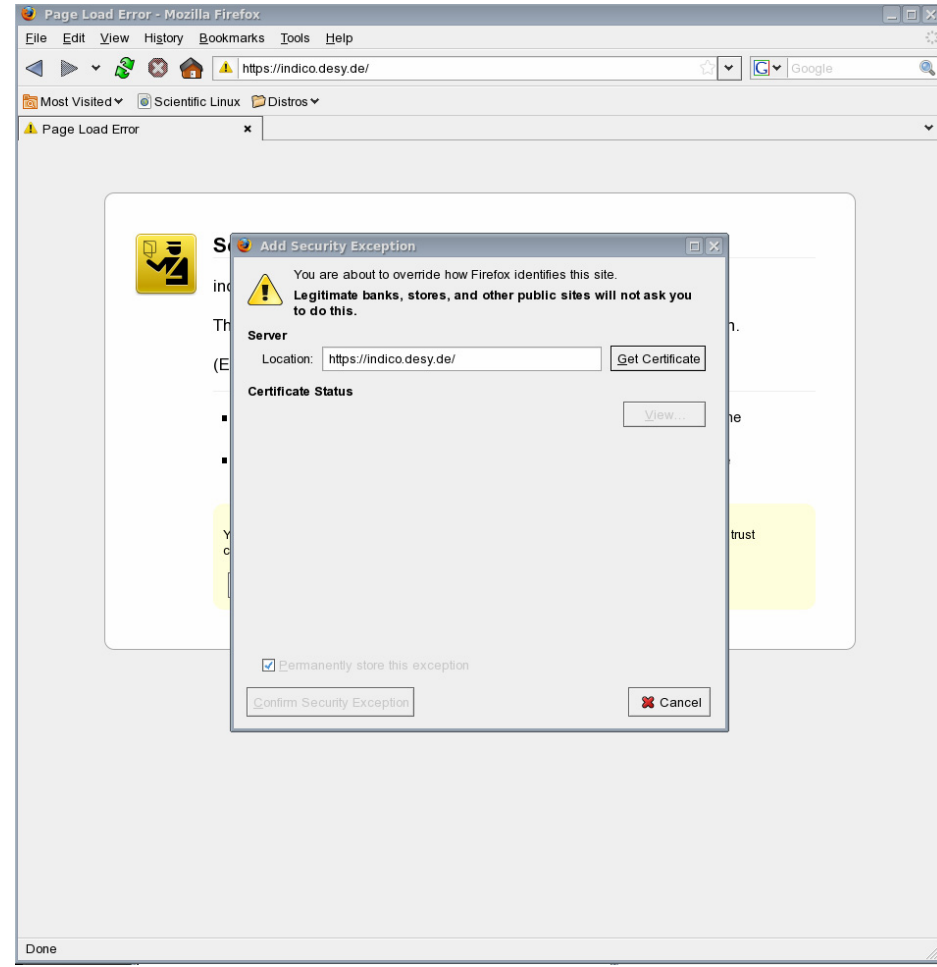


- Firefox 3.0.2

Firefox 3 - Certificates



- Firefox 1.5.0.12

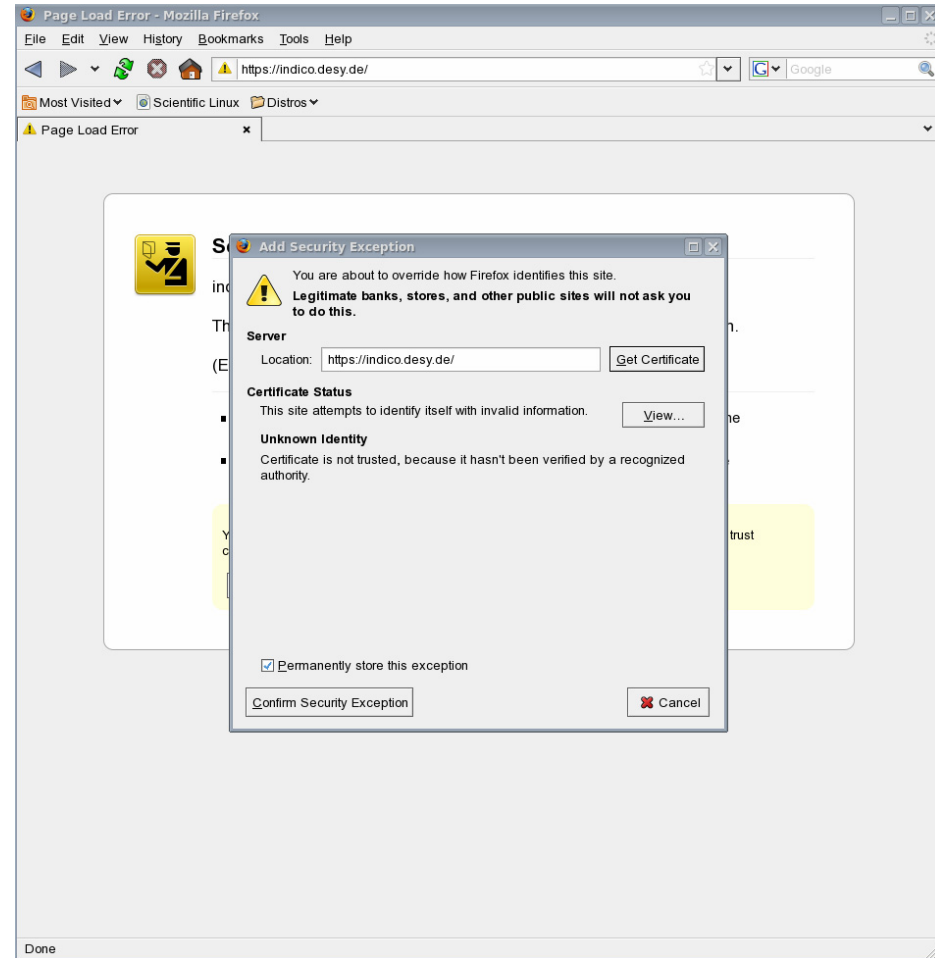


- Firefox 3.0.2

Firefox 3 - Certificates



- Firefox 1.5.0.12

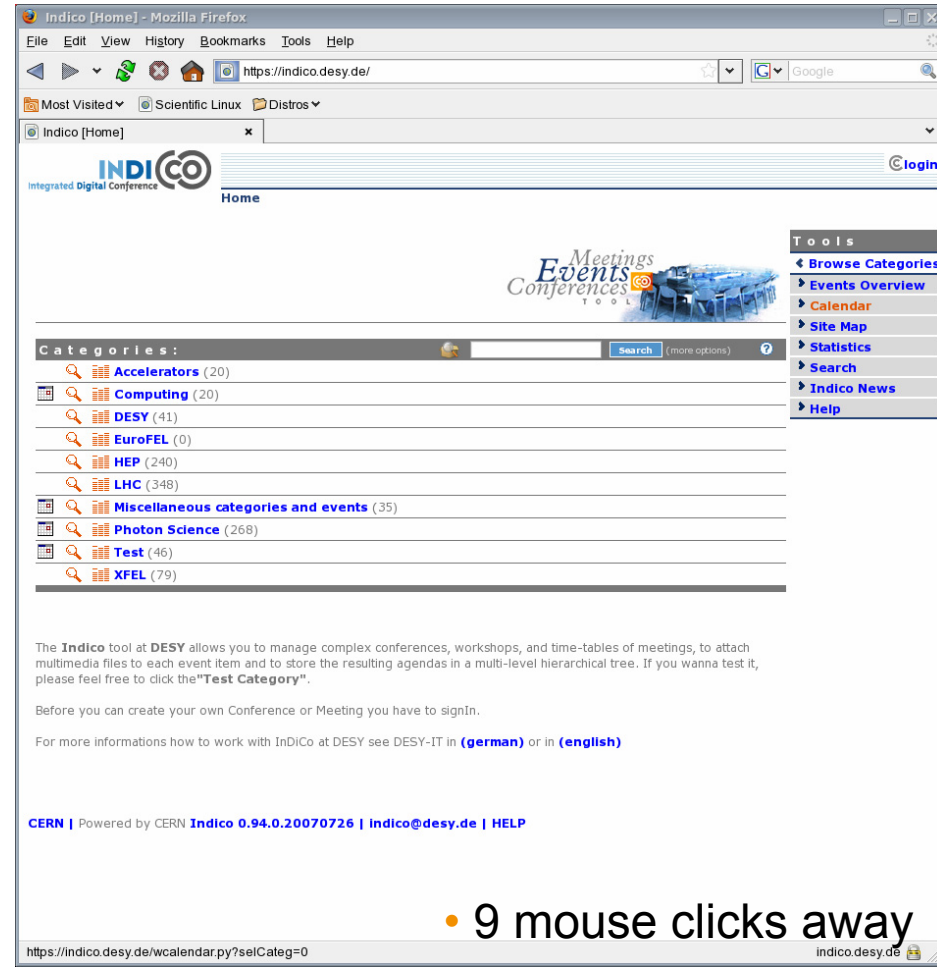


- Firefox 3.0.2

Firefox 3 - Certificates



- 2 mouse clicks away



- 9 mouse clicks away

... it's confusing -- and people rather assume the indico-server being down



Firefox 3 - issues

- SQLite

- Bookmarks / History
- AFS-token expiry troubles (bookmarks gone)
- Quota exceeded troubles (bookmarks gone)
- incompatible 1.5 <-> 3.0 (remote troubles)

- Others

- Dell's drac-plugin won't work
- remote display poor due to mixing gtk's
- flash crash tendency depending on visuals
- broken äöü in password manager

- Not anymore

- Flushing afs-cache (7/pg load)
- Profile sizes (~300MB)

Firefox 3 - Dilemma

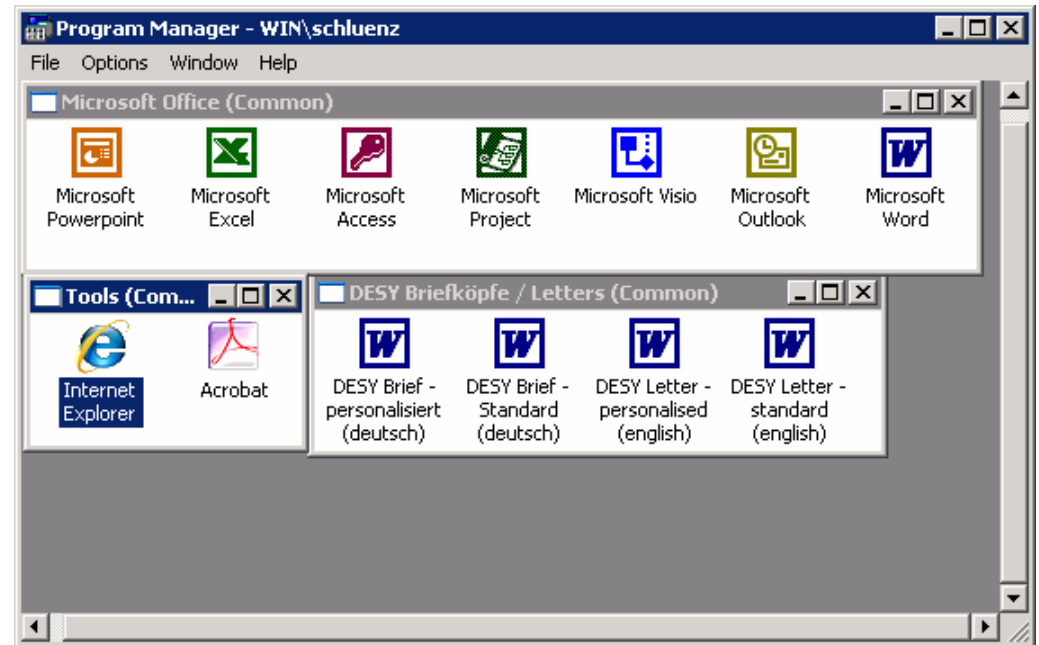
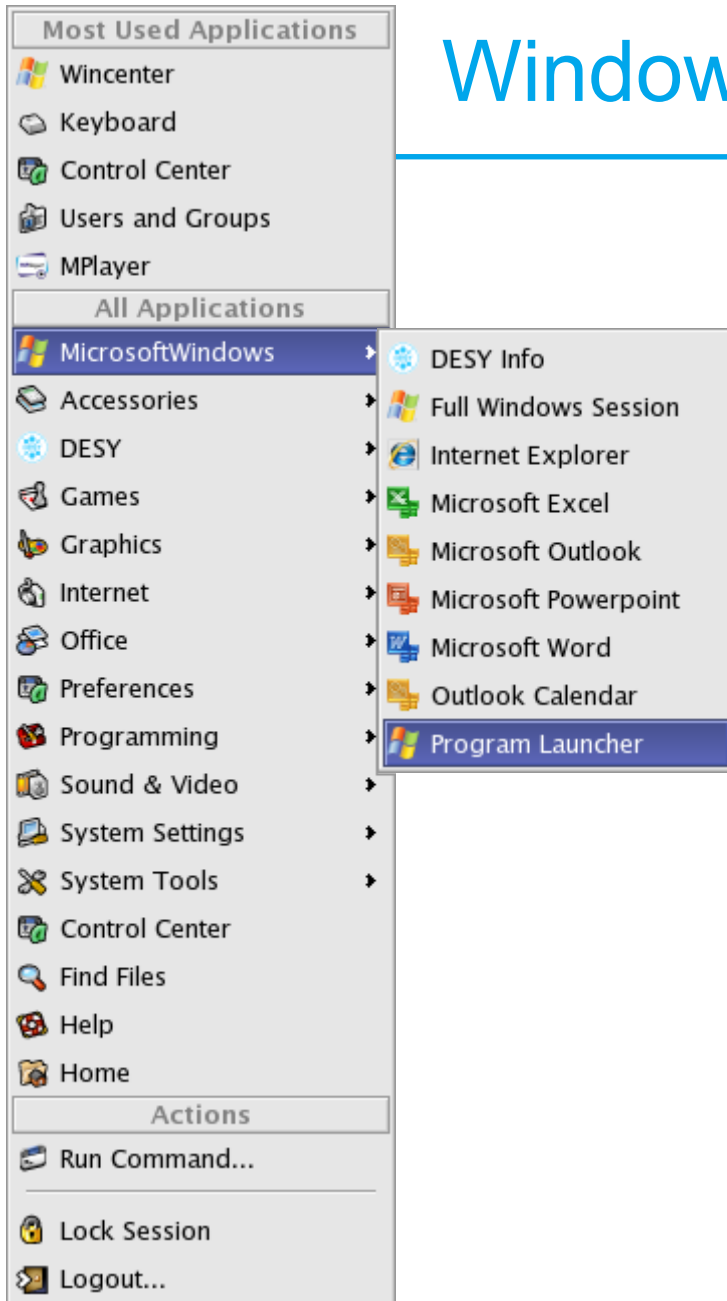
- Availability
 - All SL4/5
 - No Security - updates for 1.5er anymore !
 - NO automatic update, but on request (mail uco@desy.de)
- Update to SL 4.7 / 5.2
 - firefox 3 mandatory
 - + evolution2.8 on SL4
 - NO automatic update, but on request (mail uco@desy.de)
 - keep SL 4.6 / 5.1 alive
- Test ?!
 - SLD47 & SLD52 running SL 4.7 /5.2
 - /products/firefox/3.0/firefox for SL4/5 (32-bit only!)
 - SL4 a little sick (gtk)
 - plugins incomplete
 - you won't be able to print!

Windows Terminal Server



- Windows
 - occasionally need for IE, Office, Outlook Calendar ...
- Terminal Server Update
 - New hardware
 - From Pilot -> Production
 - Working AFS client
 - Seamless client
- KDE
 - customization to integrate seamlessly

Windows Terminal Server



- each application opens a full session
- only one per user → launcher
- requires TT-resource → uco@desy.de

Windows Terminal Server



DESY Deutsches Elektronen-Synchrotron - Windows Internet Explorer

http://www.desy.de/html/home/index.html

File Edit View Favorites Tools Help

DESY Deutsches Elektronen-Synchrotron

Deutsches Elektronen-Synchrotron
Ein Forschungszentrum der Helmholtz-Gemeinschaft



 Teilchenphysik
Forschung mit Photonen
Beschleuniger



Aktuelles | Über DESY | Forschung | Arbeiten und Lernen | Infos und Services | Intern

XFEL-Projekt
● DESY in Zeuthen



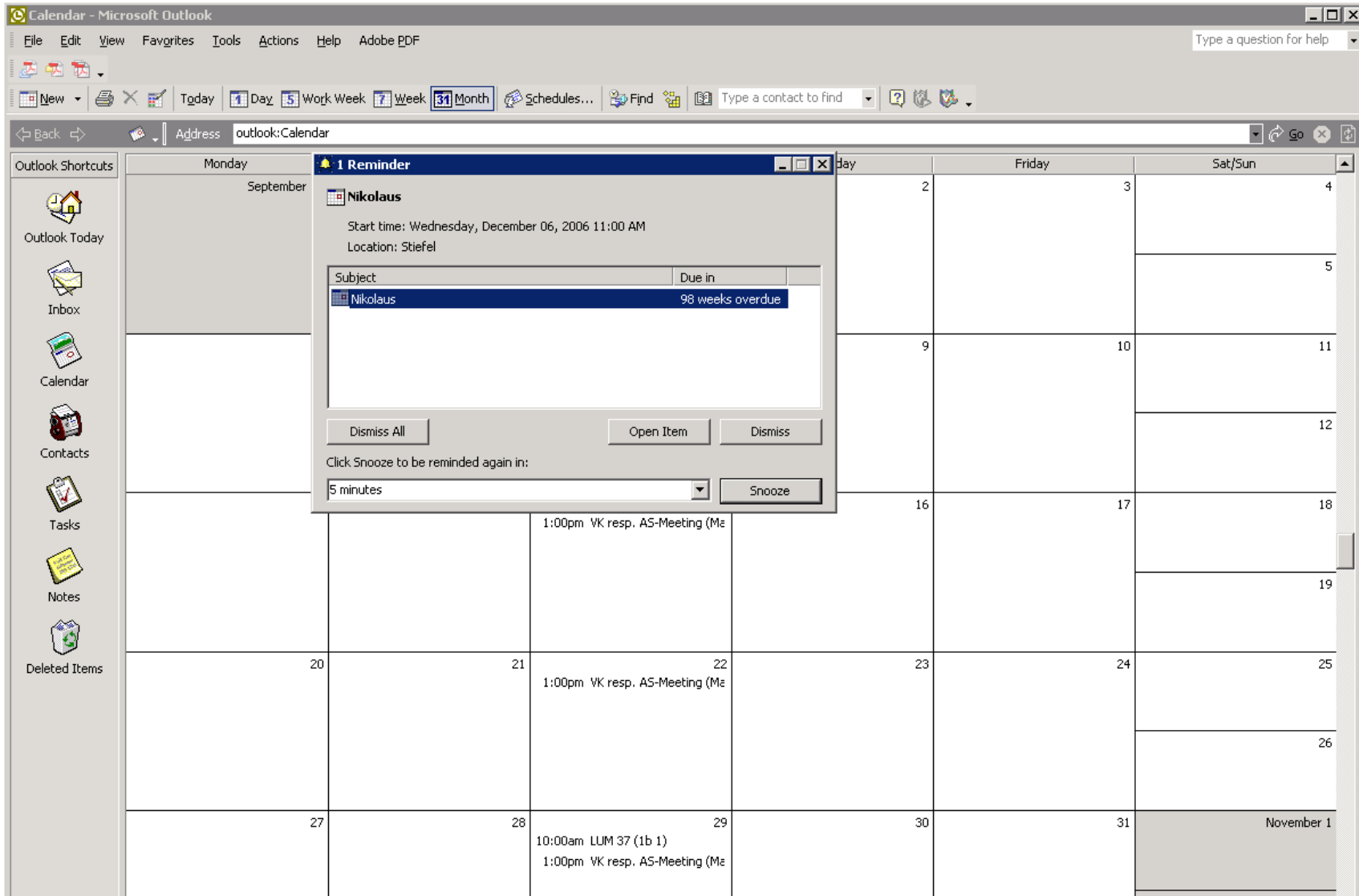
Presse
Industrie
Schule

Fast Navigator Kontakt Telefonbuch Englisch

● Impressum

Done Local intranet 100%

Windows Terminal Server



... no synchronization though ...



Other updates

- TeX

- SL's come with TeTeX 3.0
- Old stuff, retired 2 years ago, largely unsupported
- won't change ~2010 ...
 - TexLive 2008 distro in AFS for SL4/5
 - includes desy-addons and Corporate Design Fonts
 - ini texlive

- Python

- 2.3-2.4 on SL4/5
- Problems using 32-bit python on 64-bit OS
- heterogeneous setup
 - Python 2.5 on AFS for SL4/5
 - ini python / ini python32
- Modules: numpy, scipy, mercurial, Imaging, elementtree, 4Suite, Amara, sip, PyQt, sqlite, OpenSSL, setuptools, wxpython, matplotlib, basemap, render, reportlab, Pmw, py (py.test), OpenGL, tables
 - ❖ removed old python 2.0/2.1/2.2 installations from AFS.



Other updates

- **New SW / Updates ...**
 - hdf5, nexus available
 - lzma, p7zip
 - octave 3.0.2 and octave-forge available
 - graphviz, oracle-client
 - haskell/ghc/hugs, intel and portland compiler
 - rdesktop
 - lyx, kile, antiword
 - mathematica, matlab
 - matlab ... check scientificlinux.desy.de !
- **Disabled on AFS (as announced)**
 - python 2.0-2.2
 - netscape 4-6
 - mathematica 3
 - and many more. check scientificlinux.desy.de !
- **Coming soon**
 - OpenOffice 3 - flash 10 ...

Known issues

- SL5 ...
 - x-win32 has some problems with SL5
 - kdesktop lock is sick
 - occasional irreproducible delays (Magic-Cookies ?)
 - older kvm's won't work properly
- SL4
 - adobe takes endless saving copies
 - cause: stats all entries of \$HOME's parent dir
 - incurable bug
 - adobe occasionally fails to identify pwd in afs
 - sick getcwd implementation
 - update coreutils on demand (uco@desy.de)
 - Evolution2.8 looks sick
- SL4 / SL5 printing
 - no cups → gtk/gnome based can't print (eg evince)
 - gtkrc rescues on SL5, problematic on SL4
 - cups → LPRng possible; occasionally corrupts queues
- ... scientificlinux.desy.de

Fin

