Fedora featuring Zarafa

Zarafa SummerCamp 2011, Kerkrade

Robert Scheck

Robert Scheck

Fedora Package Maintainer and Provenpackager

Fedora Ambassador and Ambassador Mentor

Part of Fedora Websites and Translation teams

Open Source Contributor and Software Developer

Mail: robert@fedoraproject.org
Web: http://fedoraproject.org/wiki/RobertScheck
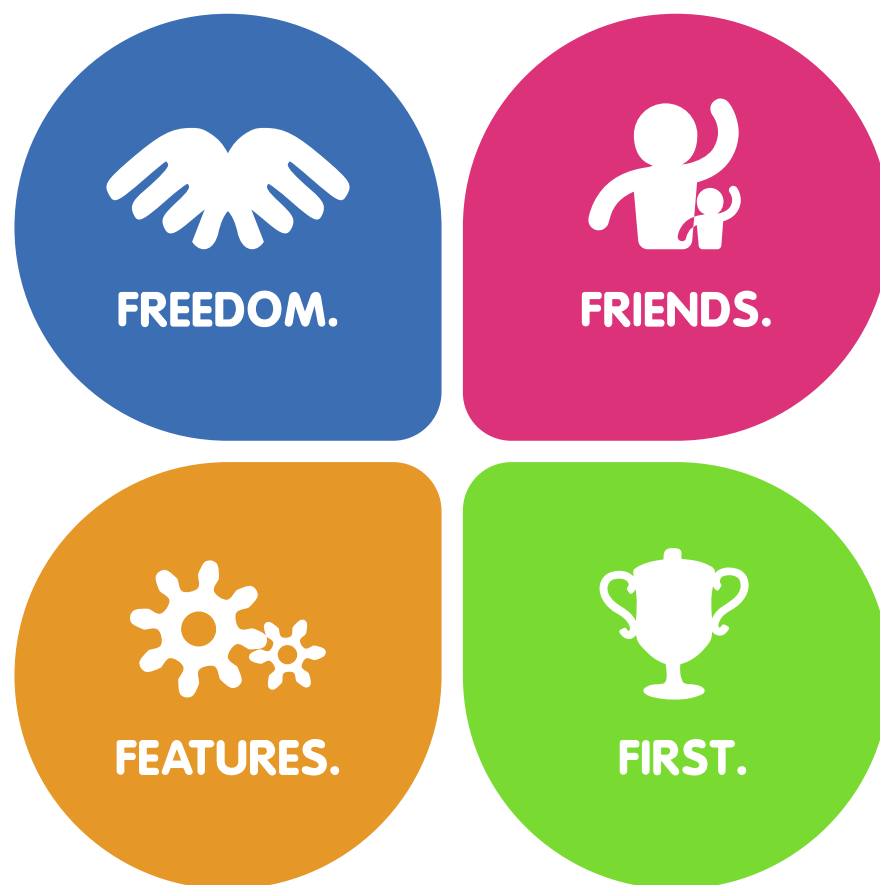
Foundations of Fedora

Fedora's 4 core values:

- Freedom
- Friends
- Features
- First

Fedora vs. RHEL

- Free available
- Short release cycle: 6 months
- Latest software
- 13 month support and product life time
- Free support by the community
- Early adopters

- Subscription
- Long release cycle: 2-3 years
- Stable software
- 7-10 years support and product life time
- Support contract with Red Hat
- Business customers

How does Fedora contribute?

▶ High quality FHS compliant RPM packages
Initiated the packaging per Zarafa service/component

▶ License, trademark and basic patent checks
Performed by community, Red Hat Legal assistance

▶ Rebuilds using always latest software versions
GCC 4.6, GLIBC 2.14, MySQL 5.5.13, PHP 5.3.6,
CLucene 2.3.3.4, Boost 1.46.1

What else does Fedora do?

- Patches or patch suggestions for build failures

- Initscripts rewrite to SysV-style & LSB headers

- Rewrite of an old libical bugfix patch by Zarafa for upstream inclusion and RHEL backporting

- Integration of another libical bugfix at upstream

- Upstream handling of Zarafa libvmime patches

- Community testing, feedback and QA

What about Z-Push?

- GNU Affero General Public License, Version 3

- Exchange ActiveSync is patented by Microsoft

- RPM Fusion, 3rd party repository in Europe

- Two RPM packages: z-push and zarafa-z-push

- Also available for Red Hat Enterprise Linux

- Howto: http://fedoraproject.org/wiki/Zarafa

Did somebody say SELinux?

- Security-Enhanced Linux initially by the NSA

- Flexible Mandatory Access Control architecture

- Allows EAL4+/LSPP certifications

- Since Fedora Core 2 and RHEL 4

- SELinux policy development for Zarafa:
  Matěj Cepl, Miroslav Grepl and Daniel Walsh

- Do not turn it off – NSA grade security for free

Update Management & Future

- Zarafa 7.0.0 is in „testing" since 2011-06-27
- Delay of 14 days due to „testing" repository
- Solve current CLucene 2.3.3.4 build failures
- Further work at Zarafa policy in SELinux
- Rewrite of the initscripts for systemd support
- Some Zarafa WebApp testing once available

Thank you!

http://fedoraproject.org/wiki/Zarafa