

Zarafa in Fedora



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Why is Zarafa in Fedora?

The truth: I am using Zarafa

→ Zarafa in Fedora was neither requested by Zarafa nor by Red Hat – even if some news articles tell so

Licensed under Open Source Software license

→ GNU Affero General Public License, Version 3

No modified, forked or duplicated system libraries

→ E.g. no bundled Apache Webserver, own Apache Tomcat, own OpenLDAP like at other trade rivals



Why a different packaging?

Fedora is shipping 17 Zarafa RPM packages

→ Zarafa itself is shipping 4 Zarafa RPM packages

Flexibility to administrators with less overhead

→ No zarafa-server if only zarafa-webaccess wanted

Zarafa architecture supports separated services

→ Nearly every Zarafa daemon or tool can be run at another server (via HTTP/HTTPS as transport)



Which Zarafa packages exist?

zarafa (→ zarafa, zarafa-caldav, zarafa-client, zarafa-common, zarafa-dagent, zarafa-gateway, zarafa-ical, zarafa-monitor, zarafa-server, zarafa-spooler, zarafa-utils, libmapi, php-mapi, perl-libmapi)

zarafa-webaccess (→ zarafa-webaccess)

zarafa-dev (→ zarafa-devel)

zarafa-debug (→ zarafa-debuginfo)



Technical Challenges

- Fedora has newer versions (GCC, GLIBC, PHP)
 - Development of various patches and submission
- libvmime 0.7 is old and heavily patched by Zarafa
 - Imported as package „libvmime07“ into Fedora
- FHS and LSB compliance, packaging standards
 - Relocation of files in the filesystem, rewrite of the initscripts, optimized default configuration files, etc.



Legal Challenges & Issues

GNU Affero General Public License, Version 3

→ License additions/exceptions for Zarafa trademark

Zarafa = Product = Company = Trademark

→ From the US perspective, without legal protection, there is a so-called dilution of the trademark

→ US laws require a liberal trademark usage license

Z-Push licensing excludes distribution in the US

→ Fedora is legally domiciled in the US (like Red Hat)



Interesting Information & Facts

Fedora is the first Linux distribution shipping Zarafa only due to community efforts and work

All developed patches were submitted to Zarafa, thus the other Linux distributions can benefit

Mandriva and ClearOS Linux distributions are using the Zarafa RPM packages from Fedora

Fedora EPEL already ships Zarafa for upcoming Red Hat Enterprise Linux 6 / CentOS 6



Update Management & Future

Zarafa is shipped for Fedora and EPEL branches

→ Fedora 12, 13, Rawhide & Fedora EPEL 5 and 6

Packages get updated to latest Zarafa release

→ Delay of ca. 14 days because of „testing“ repository to avoid breakages in „stable“ repository (that is a Fedora and especially a Fedora EPEL policy)

Update from Zarafa 6.30 to 6.40 series soon

→ Testing update has been submitted on 2010-06-10



Questions?



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Thank you!

<http://fedoraproject.org/wiki/Zarafa>