



openSUSE

gossip

# 社区与发行版

## Things I learnt with the Zorp and openSUSE Team

Greetings everyone, this is Peter from Hungary. In the last few months I have spent a lot of time and effort to give something to the open source community in the framework of GSoC. The aim of my project was to implement a Load Balancer as a Service (LBaaS) Zorp (<http://www.balabit.com/network-security/zorp>) driver for OpenStack (<http://www.openstack.org/>) in openSUSE environment. [Read the rest of this entry »](#)

## Thank you mentors for an amazing GSoC!!!

Another Google Summer of Code has come to an end. This year has been particularly satisfying as we achieved 100% success. All of our students passed their final evaluation and a lot of code has been pushed upstream. Though the students deserve a big round of applause, special credit has to be given to the amazing mentors, who took out time from their busy schedules to guide the students and ensure that they work towards completing their projects.

So, openSUSE (and its sister organizations – ownCloud, Zorp, MATE) thank all the mentors who strive day in and day out to ensure that our projects are a success and we get amazing new contributors.

### **Without you, it was not possible**

Following is a list of the mentors who helped to move this GSoC sailing smoothly :

- Martin Wimpres (flexiondotorg)
- Henne Vogelsang (hennevogel)
- Jim Fehlig (jfehlig)
- Cornelius Schumacher (cornelius)
- James Mason (bear245)
- Ancor Gonzalez Sosa (ancorgs)
- Ismail Donmez (ismail)
- Peter Czanik (czanik)
- George Ehrke (georgehrke)
- Artem Chernikov ( kalabiyau)
- Morris Jobke (kabum)
- Dominik Bamberger (bamboo)
- Michal Hrusecky (miska)
- Alberto Planas (aplanas)
- Arvin Schnell (arvin)
- Balint Kovacs (blint)
- Stephen Kulow (coolo)
- Szilárd Pfeiffer (coroner)
- Thomas Müller (deepdiver)
- Greg Freemyer (gregfreemyer)
- Jan-Christoph Borchardt (jancborchardt)
- Joseph Reidinger (jreidinger)
- Matt Barringer (mbarringer)
- Shawn W Dunn (sfaulken)
- Marcus Schäfer (shaefi)
- Stefano Karaptesas (sfaulken)
- Alessandro Cosentino (cosenal)

## Factory: Over 6000 installations and growing!

Since [the announcement](#) at the end of July of the new Factory development model, the machinery worked tirelessly releasing more than 15 Factory snapshots during the next month. As you can see in the changelogs that are published in the [openSUSE-Factory mailing list](#) following every snapshot, the changes are not restricted to leaf packages. The core of the distribution is moving together with the desktop applications. Factory is rolling!

The new process includes several mechanisms to deal with that controlled chaos that a development distribution should be, like [OBS staging projects](#) to control the package flow from the devel projects, and [openQA](#) to implement pre-integration and post-integration tests. All those extra checks are there to serve an ultimate goal: make Factory a usable platform for openSUSE contributors including, of course, bug reporters. No automatic system can detect that the new version of systemd breaks the suspend function of your laptop or that the new kernel package conflicts with the proprietary driver of your graphic card. Therefore, the rolling Factory will only

succeed if it can attract new users willing to help in the early detection of bugs. So the question is: can it? [Read the rest of this entry »](#)

## 系统与软件

一张图说明 Linux 系统的 I/O 栈结构，清晰明了，更新至 [3.17 版本](#)

### [Firefox 33 Beta](#)

中秋节将至，Mozilla 送上 Firefox 33 Beta 版，带来沙箱设计的 OpenH264 支持，移动版本则支持将视频直接发送至 Chromecast。

本次更新桌面版本的变化有：

- 增强版，包含常用站点推荐的新标签页视图。
- 进一步增强 WebRTC 功能。
- [OpenH264 支持。](#)
- [重构了 JavaScript 字符串类型的实现](#)，速度更快更流畅。
- 改善了进程恢复的稳定性。
- 新的内容安全策略（CSP）后端。
- [改善地址栏搜索的用户体验。](#)
- 使用 HTTPS 连接至 HTTP 代理。
- 在 Firefox 起始页面的搜索框中提供搜索建议。
- 移除老的 JSD 服务，建议插件开发者转向 [Debugger API](#)。
- 移除私有的 window.crypto 函数及属性。
- 实现 DOMMatrix 接口。
- 实现 [CSS3 Counter Styles 标准](#)。
- WebCrypto：实现 wrapKey 和 unwrapKey，支持导入/导出 JWK 格式的密钥，RSA-OAEP, PBKDF2 及 AES-KW 加密方式支持。
- 开发者工具：高亮显示页面重绘内容。
- Cubic-bezier 曲线编辑器（？）
- 显示有监听器附着的页面元素。
- 可将当前样式表中所有 @media 规则显示到侧栏中，方便快速访问。
- @keyframes 的规则可在 Inspector 中编辑。
- 在 Style Inspector 中支持高亮 CSS Transform。

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