

“I am not shure what you are doing is legal. No software is free and spreading that misconception is harmful.”

<http://linuxlock.blogspot.com/2008/12/linux-stop-holding-our-kids-back.html>

Introduction: Andrea Florio

- Nickname: anubisg1
- Email: andrea@opensuse.org
- “Packman”-Packager since 2007
- Joined openSUSE-Education 2008
- Maintainer of lots of Packages in the Education Repository
- Currently working for the QSI International School

Introduction: Lars Vogdt

- Nickname: kl_eisbaer
- Email: lrupp@suse.de
- SUSE Employee: Autobuild/Distribution-Team
- Joined openSUSE-Education 2006
- Maintainer of ca. 250 Packages in the Education Repo.
- Co-Developer of the Open School Server

Goals for openSUSE-Education

Support schools using openSUSE

Provide the best integrated
Applications for
Server and Desktop

Build a
Cross Distribution
Education Community

Wherewith do you
teach tomorrow?

Contribute and
Improve openSUSE

Work together with
upstream developers

Support homeusers with their kids

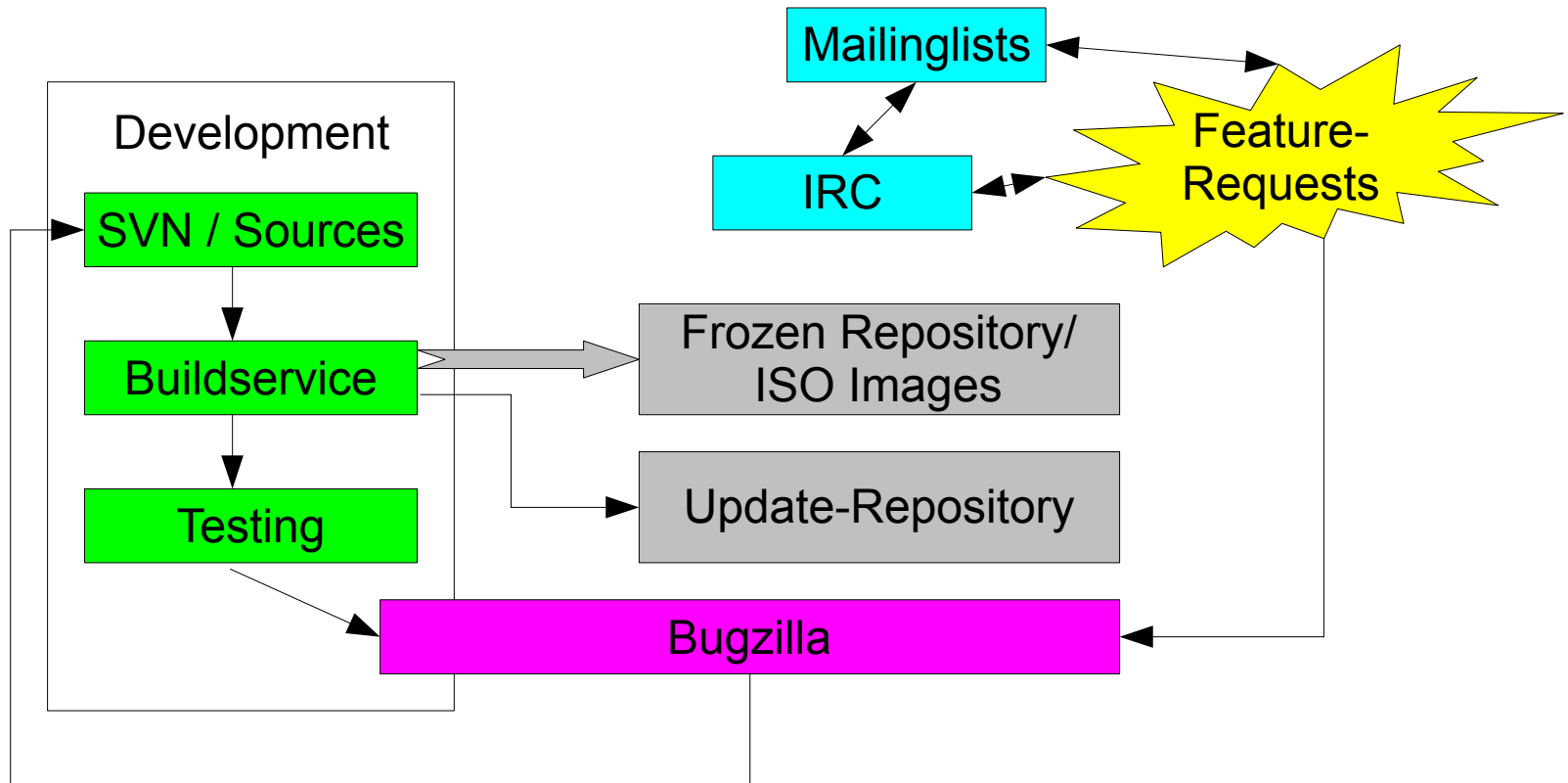
What we have...

- Over 800 Packages for each Architecture
 - OpenSUSE-Education Add-on for
 - **OpenSUSE** 10.2, 10.3, 11.0, 11.1 (Release 1.0)
 - SUSE Linux Enterprise 10 (Release 1.0)
 - Application descriptions in the **openSUSE Wiki**
 - Bugzilla, SVN, Developer-Wiki, Homepage
 - Two Repositories:
 - Development Repository
 - Frozen Repository
-
- <http://education.opensuse.org/>
 - <http://devzilla.novell.com/education/>
 - <http://forgesvn1.novell.com/svn/education>
 - <http://developer.novell.com/wiki/index.php/Education>
 - <http://www.opensuse-education.org>

Buildservice is not for Endusers

1. No License dialog
2. No “YaST Features” (control.xml, Package translation)
3. Not available without internet access
4. zypper adds repositories as “non refresh”
5. Refresh means: download at least the meta data (4MB)
6. No enduser information, why a package has a higher version or release number
7. Packages can be broken during testing

How we work...



Benefit of frozen Repo + Updates

Frozen Repo

- No need to refresh the frozen repository
- Well tested and stable packages
- One fully controlled GPG-Key
- Add-on Media (starts automatically)
- Easy to document (even applications)
- Easy to file bugreports (frozen package versions)

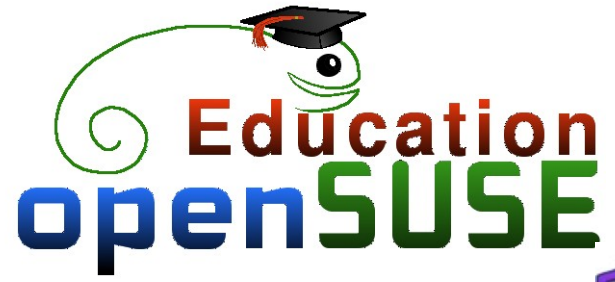
Update Repo

- Update repository is added automatically
- Update repository contains "Patchinfos"
- Really smaller than the main repository (150kb)

Assistance and Cooperation



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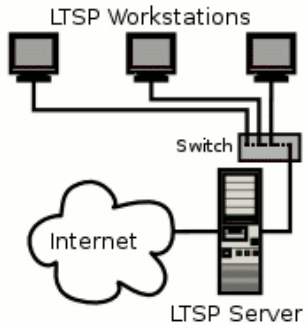


HUMAN KNOWLEDGE BELONGS TO ANYONE

www.brilug.it



What is Kiwi-LTSP?



- Based on the current Linux Terminal Server Project (LTSP5)
- One big Terminalserver ↔ many Thin-Clients (means even old hardware with PXE-Support)
- Uses KIWI to build the system for PXE-Clients:
 - KIWI is widely used (SUSE-Studio, Build Service, ...)
 - Integration into YaST
 - Easy to add local applications
 - Easy to rebuild using a current distribution
 - Possibility to build PXE-Images, Live-CDs, USB-Sticks, ... with just one single configuration
- Visit <http://kiwi.berlios.de/> for more information

Kiwi-LTSP: Terminalserver



Install via Pattern
or One-Click install

Start Easy-LTSP

Configure at least:

- Your servers IP-Address
- The DHCP-Range for your clients

You are ready!
Go on and boot your Clients!

openSUSE-Education: Linux in schools and Educational environment.

Lars Vodgot & Andrea Florio
Educate children to have open minds
openSUSE-Education

Visit us at the booth.

<http://education.opensuse.org/>



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