

openSUSE 11.2 und der openSUSE Buildservice

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Novell.

Alles neu macht der ... November!



Aktuelle Open Source Pakete

Linux Kernel 2.6.31:

- beste Hardwareunterstützung
- optimiert für Desktops (kernel-desktop)

Firefox 3.5:

- Schneller
- private Browsing

OpenOffice.Org 3.1:

- strukturierte Anmerkungen im Writer
- Calc: bessere Performance, schönere Grafiken
- Presenterkonsole



Storage

UI Verbesserungen im YaST Partitioner

Ext4 ist default Dateisystem

Verschlüsselung der gesamten Festplatte

Preview auf das kommende Btrfs

konfigurierbar im YaST Partitioner



YaST2 Partitionierer

The screenshot shows the YaST2 Expert Partitioner interface. On the left, the 'Installation' and 'Configuration' sections are visible. The main area is titled 'Expert Partitioner' and shows a 'System View' tree with 'Hard Disks' expanded to 'sda'. The 'Hard Disk: /dev/sda' window displays a table of partitions:

Device	Size	F	Type	FS Type	Label	Mount Point	Start	End
/dev/sda1	4.65 GB	F	Linux native	Ext3		/	0	606
/dev/sda2	352.99 MB		Extended				607	651
/dev/sda5	352.96 MB		Linux swap	Swap		swan	607	651

A context menu is open over the /dev/sda5 partition, showing options: Edit, Resize, and Delete. At the bottom of the window, there are buttons for 'Add...', 'Edit...', 'Resize...', 'Delete...', 'Expert...', 'Help', 'Abort', 'Back', and 'Accept'.



Update Stack

Live Upgrade von 11.1 nach 11.2 via „zypper dup“
Robustere Downloads dank aria2c backend



GNOME 2.28

Neuer Look & Feel: Sonar Theme

Preview auf GNOME 3:

- gnome-shell

- Zeitgeist (via GNOME:Contrib)

- Accessibility Stack

Integration von clutter, z.B. in Spielen

Geolokalisation in Empathy u.a.

Pakete für GNOME Entwicklung, z.B. jhbuild



gnome - File Browser

File Edit View Go Bookmarks Tabs Help

Back Forward Up Stop Reload Home Computer Search

gnome 100% Icon View

Places

- gnome
- Desktop
- File System
- Network
- Floppy Drive
- Trash

bin Desktop Documents public_html

Search:

Applications Documents Places

Favorite Applications

Firefox Web Browser	Evolution Mail and Calendar
Banshee Media Player	OpenOffice.org Writer Word Processor
F-Spot Photo Browser	Nautilus File Browser

[More Applications...](#)

System

- Help
- Control Center
- YaST
- Install Software
- Lock Screen
- Logout
- Shutdown

Status

- System Monitor
Home: 3.2G Free / 8.4G
- Network: Wired
Using ethernet (eth0)



KDE 4.3

Firefox als Default-Browser mit Integration in Desktop

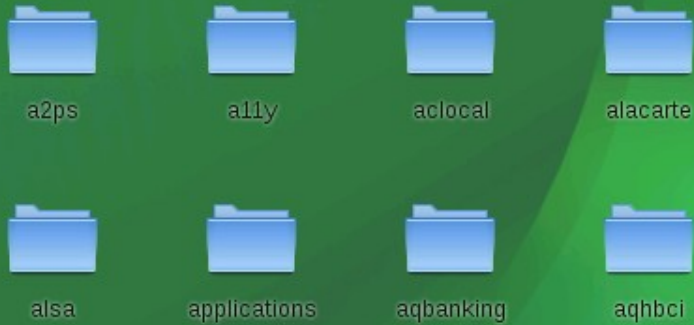
OpenOffice.org: Integration in Desktop

Neues 'openSUSE Air' Theme entwickelt für openSUSE beim KDE Oxygen Team

Integration von PolicyKit, PackageKit und Geolokalisierung

Größere Änderungen in Kmail u.a. konfigurierbare Mailheaderansicht

> usr/share



autoinstall

backg

gla

bea

bug-banov



1-glass-sunrise-0001.png

PNG image

1.5 MiB

Size: 1600x1200



1-glass-sunrise-000...



2-glass-day-0001.png



3-glass-sunset-000...



4-glass-night-0001....



glass.xml



Berlin, Germany

14°C

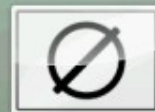
N/A

X N/A

H: 22°C L: 14°C

5 Days

Details



Mon

Tue

Wed

Thu

Fri



22°C

14°C



30°C

12°C



18°C

11°C



16°C

10°C



18°C

10°C

Supported by backstage.bbc.co.uk / Data from UK MET Office





YaST & Web 2.0

YaST Webservice mit RESTful Interface (http)
Ansprechbar via YaST Webfrontend oder Kommandozeile
„Technology Preview“ in openSUSE 11.2
Entwickler und Designer willkommen

openSUSE 11.2 läuft ... Was Nun?



Software ... mehr Software!

Wahlmöglichkeiten:

- Nur die stabile Distribution benutzen (6000 Pakete)
Sicherheits und Bugfix Updates kommen frei Haus
- Teile des Systems durch neueste Versionen austauschen
 - KDE, GNOME, einzelne Pakete
- Nicht in der openSUSE enthaltene Software installieren
- Die Entwicklungs Distribution verfolgen (Factory)



Benutzen ohne Schnick-Schnack

Security und Bugfix Updates für 11.2:
2 Releases plus 2 Monate = 18 Monate

Juli 2010: openSUSE 11.3
März 2011: openSUSE 12.0



Factory - täglich up to date

Factory - der Entwicklungsbranch (wie Debian „unstable“)

zypper dup

Kleinere Updates als früher

Unveränderte Pakete ignorieren

Benutzer von Factory sind Tester - und herzlich willkommen!



Mehr Software - Community Repos

YaST2

Liste der Online-Repositories

Filter

Liste der Repositories


- openSUSE BuildService - Virtualisierung (VirtualBox)
- openSUSE BuildService - Treiber für Web-Cams
- openSUSE BuildService - Spiele
- openSUSE BuildService - PHP
- openSUSE BuildService - OpenOffice.org
- openSUSE BuildService - Mozilla
- openSUSE BuildService - Mono:Community
- openSUSE BuildService - KDE:KDE4:Community
- openSUSE BuildService - KDE:Backports
- openSUSE BuildService - GNOME:STABLE:2.28
- openSUSE BuildService - GNOME:Anwendungen
- openSUSE BuildService - Datenbank
- VideoLan Repository
- Packman Repository
- Main Repository (Contrib)

Repository-Beschreibung

URL: <http://download.opensuse.org/distribution/11.2/repo/oss/>
Informationen von: http://download.opensuse.org/YaST/Repos/_openSUSE_112_Default.xml
Zusammenfassung: Haupt-Repository von openSUSE 11.2, das nur Open-Source-Software beinhaltet
Beschreibung: Das große Repository 'Open-Source-Software' für openSUSE 11.2, das Ihnen Zugriff auf tausende vom openSUSE-Team verwaltete Pakete gibt. (Aufgrund der Größe des Repositories kann das Hinzufügen einige Zeit in Anspruch nehmen. 512MB RAM oder eine aktivierte SWAP-Partition werden dringend empfohlen für den Fall, dass Sie auf dieses Repository während der Installation zugreifen wollen.)
Empfohlen: Ja

Hilfe Abbrechen Zurück OK

Software ... ich will noch mehr!



openSUSE

openSUSE

- Software herunterladen
- Wiki
- Software erstellen
- Benutzerverzeichnis
- Features
- Nachrichten
- Foren
- Shop

Hilfe bekommen

- Hilfe herunterladen
- CD/DVD-Abbild brennen
- Hilfe zur Installation
- Offizielle Handbücher

Software

- Software-Suche
- Paketrepositories
- Aktualisierungs-Repository
- Quell-Repository


Weitere Optionen

- Spiegelserver
- Entwicklungsversion


Get it

openSUSE 11.2 herunterladen


Installationsmedium




4.7GB DVD
Enthält eine große Anzahl an Software für Desktop- oder Server-Benutzung. Für Installation oder Aktualisierung geeignet.



GNOME Live
Der GNOME Desktop kann direkt von CD oder einem USB-Stick laufen und dann installiert werden (keine Aktualisierung möglich).



KDE Live
Der KDE Desktop kann direkt von CD oder einem USB-Stick laufen und dann installiert werden (keine Aktualisierung möglich).



Netzwerk
Lädt das Installationssystem und alle Pakete aus Online-Repositories herunter. Geeignet für Installation oder Aktualisierung.

Typ des Computers

- 32 Bit PC
- 64 Bit PC

Download-Methode

- Direkter Link
- BitTorrent
- Metalink
- Server wählen


DVD herunterladen

Wählen Sie ein Installationsmedium durch Klick darauf und klicken Sie auf die Download-Schaltfläche, um das Herunterladen zu starten. Optional können Sie Ihren Computertyp oder eine andere Download-Methode wählen.

Hilfe benötigt?
Weitergehenden Hilfe zum openSUSE-Download auf [Download-Hilfe](#) .

Überprüfen des Downloads (optional, für Experten)


Paketsuche




Suche und installiere weitere Softwarepakete aus dem openSUSE Build Service.

Gesponsored von

Gold-Sponsor




Smarter Choice




Top Busine: Colocatic Service German

Silber-Sponsor



openSUSE kaufen





Get it

openSUSE

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Hilfe bekommen

- Hilfe herunterladen
- CD/DVD-Abbild brennen
- Hilfe zur Installation
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Software

- Software-Suche
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- Aktualisierungs-Repository
- Quell-Repository

Weitere Optionen

- Spiegelserver

Software aus dem openSUSE Build Service herunterladen

0 Kollektionen und 88 Binärprogramme aus 60 Quellpaketen
[Permanenter Verweis auf dieses Ergebnis](#)

1 2 3 4 5 6 >

wine

Emulators:Wine/openSUSE_11.2

An MS Windows emulator, consisting of both runtime and also source compatibility functions. You can run your MS executables with it, and you [\[more\]](#)



[Zum OBS-Projekt](#)

Manueller Paket-Download

i586 [wine-1.1.33-1.1.i586.rpm](#)
src [wine-1.1.33-1.1.src.rpm](#)

wine

openSUSE:11.2/standard



[Zum OBS-Projekt](#)

Manueller Paket-Download

i586 [wine-1.1.28-2.3.i586.rpm](#)
src [wine-1.1.28-2.3.src.rpm](#)

openSUSE herunterladen



Gesponsored von

Gold-Sponsor



Top Business Colocation Services
German

Silber-Sponsor



openSUSE kaufen





... oder selber bauen!



Create it

openSUSE

- Get Software
- Wiki
- Build Software
- User Directory
- Notifications
- Features
- News
- Forums
- Shop

Home

User: msmeissn

- My Projects
- My Requests
- Home Project

Locations

- Projects
- Search
- Server Status

Buildservice

Welcome to the openSUSE Build Service

The openSUSE Build Service, is an open and complete distribution development platform that provides a transparent infrastructure for development of the openSUSE distribution.

The openSUSE Build Service is the only service that allows developers to package software for all major Linux distributions. The service provides software developers with a convenient and easy to use tool to create and release open source software for openSUSE and other Linux distributions on different hardware architectures and for a broad user audience.

With the openSUSE Build Service, users can easily find the latest open source packages they are looking for and customize them. It provides a bridge between developers and users with feedback and rating functionality. For developers it is an efficient place to build up groups and work together through its project model.

Proceed to:

- My Projects
- List of All Projects
- Create New Project
- Search
- Build Service Status

If you would like to discuss the Build Service please use the opensuse-buildservice@opensuse.org mailing list. We have also an active IRC channel [#opensuse-buildservice](#) running on Freenode.

Have fun experimenting with the openSUSE Build Service :-)



My Home is My Castle

Buildservice > Projects > home:msmeissn

msmeissn's Home Project (home:msmeissn) ☆☆☆☆☆

- [Watch this project]
- [Create Subproject]
- [Delete Project]
- [Report Bug]

Marcus Meissner Home Project

[Edit Project Information]

Tags +

Show all tags

Involved Users +

Maintainers

msmeissn

Bugowner

msmeissn [x]

[Add User]

Subprojects

- home:msmeissn:Factory
- home:msmeissn:branches:Apache
- home:msmeissn:branches:Base:System
- home:msmeissn:branches:Mono
- home:msmeissn:branches:Mono:Factory
- home:msmeissn:branches:Publishing
- home:msmeissn:branches:devel:languages:python:Factory
- home:msmeissn:branches:devel:libraries:c_c++
- home:msmeissn:branches:games
- home:msmeissn:branches:graphics
- home:msmeissn:branches:hardware
- home:msmeissn:branches:home:hennevogel:TODO
- home:msmeissn:branches:multimedia:apps
- home:msmeissn:branches:multimedia:libs
- home:msmeissn:branches:network

Packages +

Filter:

yup

[Add Package]

[Link Package from other Project]

Build Repositories + ↻

Name	i586	x86_64	Action
openSUSE_11.0 openSUSE:11.0/standard Goto Repository	succeeded: 1 build: publish:	succeeded: 1 build: publish:	[Edit] [Remove]
openSUSE_11.1 openSUSE:11.1/standard Goto Repository	succeeded: 1 build: publish:	succeeded: 1 build: publish:	[Edit] [Remove]
SLES_9 SUSE:SLE-9/standard Goto Repository	succeeded: 1 build: publish:	succeeded: 1 build: publish:	[Edit] [Remove]
SLE_10 SUSE:SLE-10:SDK/standard Goto Repository	succeeded: 1 build: publish:	succeeded: 1 build: publish:	[Edit] [Remove]
SLE_11 SUSE:SLE-11/standard Goto Repository	succeeded: 1 build: publish:	succeeded: 1 build: publish:	[Edit] [Remove]

[Add Repository] [Flags for Experts]

[Monitor Build Status]



Eigene Pakete - Eigene Repositories

openSUSE

- Get Software
- Wiki
- Build Software
- User Directory
- Notifications
- Features
- News
- Forums
- Shop

Home

User: msmeissn

- My Projects
- My Requests
- Home Project

Locations

- Projects
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- Server Status

Help

- Official Documentation
- Wiki Pages
- Building Packages
- Writing spec Files
- Reporting a Bug
- OBS Forums

Sponsor

Buildservice > My Projects

Watched Projects

Project	Remove	Monitor
Emulators:Wine		
GPhoto		

Involved Projects

Project	Monitor
Archiving	
Base: System	
Emulators	
Emulators:Wine	
Emulators:Wine: STABLE	
GPhoto	
GPhoto: UNSTABLE	
X11: terminals	
devel: languages: perl	
devel: libraries: c_c++	
devel: tools	
graphics	
home: msmeissn	
home: msmeissn: Factory	
home: msmeissn: branches: Apache	
home: msmeissn: branches: Base: System	
home: msmeissn: branches: Mono	



Gphoto - Spass mit Digitalkameras

Buildservice > Projects > GPhoto

The GPhoto project (GPhoto) ☆☆☆☆☆⚠

- [Don't watch this project]
- [Create Subproject]
- [Delete Project]
- [Report Bug]

gPhoto (GNU Photo) is a set of libraries and frontends for previewing, retrieving, and capturing images from a range of supported digital cameras to your local harddrive.

(It does support digital cameras based on the USB storage protocol only indirectly, those can be mounted by Linux directly.)

[... show / hide full description]

[Edit Project Information]

Tags +

camera driver mtp music photo
 photography picture ptp
 support

Show all tags
 Involved Users +

Maintainers

- msmeissn [x]
- hfiguiere [x]

Bugowner

- msmeissn [x]
- [Add User]

Subprojects

GPhoto:UNSTABLE
 [Create Subproject]

Attributes +

No attributes set



Packages +

Filter:

gphoto
gphotofs
libgphoto2
libgphoto2-sharp
libmtp

[Add Package]

[Link Package from other Project]

Build Repositories +

Name	i586	x86_64	Action
CentOS_5 CentOS:CentOS-5/standard Goto Repository	succeeded: 2 failed: 2 expansion error: 1 build: publish:	succeeded: 2 failed: 2 expansion error: 1 build: publish:	[Edit] [Remove]
Fedora_11 Fedora:11/standard Goto Repository	expansion error: 1 scheduled: 4 build: publish:	expansion error: 1 scheduled: 4 build: publish:	[Edit] [Remove]
openSUSE_11.0 openSUSE:11.0/standard Goto Repository	succeeded: 5 build: publish:	succeeded: 5 build: publish:	[Edit] [Remove]
openSUSE_11.1 openSUSE:11.1/standard Goto Repository	succeeded: 5 build: publish:	succeeded: 5 build: publish:	[Edit] [Remove]



Paket Detail Ansicht

Buildservice > Projects > GPhoto > libgphoto2

Package libgphoto2 (Project GPhoto) ☆☆☆☆☆

a digital camera access library

libgphoto2 (GNU Photo) is a set of libraries for previewing, retrieving, and capturing images from a range of supported digital cameras to your local harddrive.

It supports serial, USB and PTP/IP cameras.

[Edit Package Information]
[Remove Package]
[Report Bug]

Upstream URL

No URL for this package

Tags

Show all tags

Involved Users

Maintainers

- msmeissn
- hfiguiere

Bugowner

- msmeissn
- [Add User]

Files

libgphoto2-2.4.7.1.tar.bz2	5.06 MB		[Download]	[Remove]
libgphoto2.changes	19.95 KB	[Edit] [Show]	[Download]	[Remove]
libgphoto2.dsc	749 Bytes	[Edit] [Show]	[Download]	[Remove]
libgphoto2.spec	15.7 KB	[Edit] [Show]	[Download]	[Remove]

[Add File]

Build Status

CentOS_5				
	i586	succeeded		[Build Log]
	libgphoto2-2.4.7.1-1.2.i386.rpm			
	libgphoto2-2.4.7.1-1.2.src.rpm			
	libgphoto2-devel-2.4.7.1-1.2.i386.rpm			
	x86_64	succeeded		[Build Log]
	libgphoto2-2.4.7.1-1.2.src.rpm			
	libgphoto2-2.4.7.1-1.2.x86_64.rpm			
	libgphoto2-devel-2.4.7.1-1.2.x86_64.rpm			
Fedora_11				
	i586	expansion error	have choice for PolicyKit-authentication-agent needed by gnome-mount: PolicyKit-gnome PolicyKit-kde	[Build Log]
	x86_64	expansion error	have choice for PolicyKit-authentication-agent needed by gnome-mount: PolicyKit-gnome PolicyKit-kde	[Build Log]
RHEL_5				
	x86_64	succeeded		[Build Log]
	libgphoto2-2.4.7.1-1.1.src.rpm			
	libgphoto2-2.4.7.1-1.1.x86_64.rpm			



Auf der Kommandozeile

```
marcus@galeere:~/GPhoto/libgphoto2
marcus@galeere:~/projects> osc co GPhoto/libgphoto2
A   GPhoto/libgphoto2
A   GPhoto/libgphoto2/libgphoto2-2.4.7.1.tar.bz2
A   GPhoto/libgphoto2/libgphoto2.changes
A   GPhoto/libgphoto2/libgphoto2.dsc
A   GPhoto/libgphoto2/libgphoto2.spec
marcus@galeere:~/projects> cd GPhoto/libgphoto2
marcus@galeere:~/projects/GPhoto/libgphoto2> cp ~/projects/libgphoto2-2_4/libgphoto2//libgphoto2-2.4.7.3.tar.bz2 .
marcus@galeere:~/projects/GPhoto/libgphoto2> osc addremove
A   libgphoto2-2.4.7.3.tar.bz2
marcus@galeere:~/projects/GPhoto/libgphoto2> rm libgphoto2-2.4.7.1.tar.bz2
marcus@galeere:~/projects/GPhoto/libgphoto2> osc addremove
D   libgphoto2-2.4.7.1.tar.bz2
marcus@galeere:~/projects/GPhoto/libgphoto2> vi *ec
marcus@galeere:~/projects/GPhoto/libgphoto2> osc ci
Deleting    libgphoto2-2.4.7.1.tar.bz2
Sending     libgphoto2-2.4.7.3.tar.bz2
Sending     libgphoto2.spec
Transmitting file data ..
Committed revision 164.
marcus@galeere:~/projects/GPhoto/libgphoto2> █
```




Factory - Mithelfen möglich!

openSUSE:Factory - Entwicklungsbranch

Aufteilung in Development Projekte:

Base:System, graphics, devel:languages:c_c++,
devel:languages:perl,

Betreuung durch Gruppen von Entwicklern

Mitentwickeln durch Branches und Submits

Paket branchen

Paket ändern

Paket submitten

Paket wird von Gruppenmitglied reviewed



Bei Factory mithelfen - Branches

```
~/projects> osc branch openSUSE:Factory libgphoto2
```

Note: The branch has been created of a different project, graphics, which is the primary location of where development for that package takes place. That's also where you would normally make changes against. A direct branch of the specified package can be forced with the `--nodevelproject` option.

A working copy of the branched package can be checked out with:

```
osc co home:msmeissn:branches:graphics/libgphoto2
~/projects> osc co home:msmeissn:branches:graphics/libgphoto2
A   home:msmeissn:branches:graphics
A   home:msmeissn:branches:graphics/libgphoto2
A   home:msmeissn:branches:graphics/libgphoto2/03_udev_rules_media_player
A   home:msmeissn:branches:graphics/libgphoto2/baselibs.conf
A   home:msmeissn:branches:graphics/libgphoto2/libgphoto2-2.4.7.1.tar.bz2
A   home:msmeissn:branches:graphics/libgphoto2/libgphoto2.changes
A   home:msmeissn:branches:graphics/libgphoto2/libgphoto2.spec
A   home:msmeissn:branches:graphics/libgphoto2/ready
```



Bei Factory mithelfen - Branches 2

```
~/projects/home:msmeissn:branches:graphics/libgphoto2> vi *ec
~/projects/home:msmeissn:branches:graphics/libgphoto2> cp ~/projects/libgphoto2-2_4/libgphoto2/libgphoto2-2.4.7.3.tar.bz2 .
~/projects/home:msmeissn:branches:graphics/libgphoto2> rm libgphoto2-2.4.7.1.tar.bz2
~/projects/home:msmeissn:branches:graphics/libgphoto2> rm 03_udev_rules_media_player
~/projects/home:msmeissn:branches:graphics/libgphoto2> osc vc
~/projects/home:msmeissn:branches:graphics/libgphoto2> osc addremove
D    03_udev_rules_media_player
D    libgphoto2-2.4.7.1.tar.bz2
A    libgphoto2-2.4.7.3.tar.bz2
~/projects/home:msmeissn:branches:graphics/libgphoto2> osc ci -m "updated to 2.4.7.3 temp snapshot"
Sending    libgphoto2-2.4.7.3.tar.bz2
Deleting   03_udev_rules_media_player
Deleting   libgphoto2-2.4.7.1.tar.bz2
Sending    libgphoto2.changes
Sending    libgphoto2.spec
Transmitting file data ...
Committed revision 2.
~/projects/home:msmeissn:branches:graphics/libgphoto2> osc submitreq -m "Updated to temp snapshot libgphoto2 2.4.7.3"
created request id 24841
~/projects/home:msmeissn:branches:graphics/libgphoto2> osc request show --diff 24841|less
```



Akzeptieren von Branch Submissions

```
marcus@galeere:~/projects/graphics/libgphoto2> ls
03_udev_rules_media_player  libgphoto2-2.4.7.1.tar.bz2  libgphoto2.spec
baselibs.conf               libgphoto2.changes         ready
marcus@galeere:~/projects/graphics/libgphoto2> osc request accept 24841 -m "reviewed, ok"
<status code="ok" />

marcus@galeere:~/projects/graphics/libgphoto2> osc up
D   03_udev_rules_media_player
D   libgphoto2-2.4.7.1.tar.bz2
A   libgphoto2-2.4.7.3.tar.bz2
U   libgphoto2.changes
U   libgphoto2.spec
At revision 5523c96788e7e8ff2985b935eab8efd9.
marcus@galeere:~/projects/graphics/libgphoto2> █
```



Eigene Distribution erzeugen

SUSE Studio

Kiwi

Live Images im openSUSE Buildservice



Selbstgebaute Distributionen

openSUSE Li-f-e basierend auf openSUSE 11.1

Installierbare Live DVD

Pakete für Studenten, Schüler, Lehrer

Goblin - für Netbooks

KDE Four Live



Mitmachen?

ISOs: <http://software.opensuse.org>

News: <http://news.openSUSE.org>

Twitter / Identi.ca: opensuse

<http://Lizards.opensuse.org> - Developer Blogs

Meetings: <http://en.openSUSE.org/Meetings>

Planet SUSE: <http://planetsuse.org>

IRC: #opensuse-project auf Freenode.net

<http://forums.opensuse.org> - Foren

<http://lists.opensuse.org> - Mailing Listen