

openSUSE 11.3



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June 21, 2010

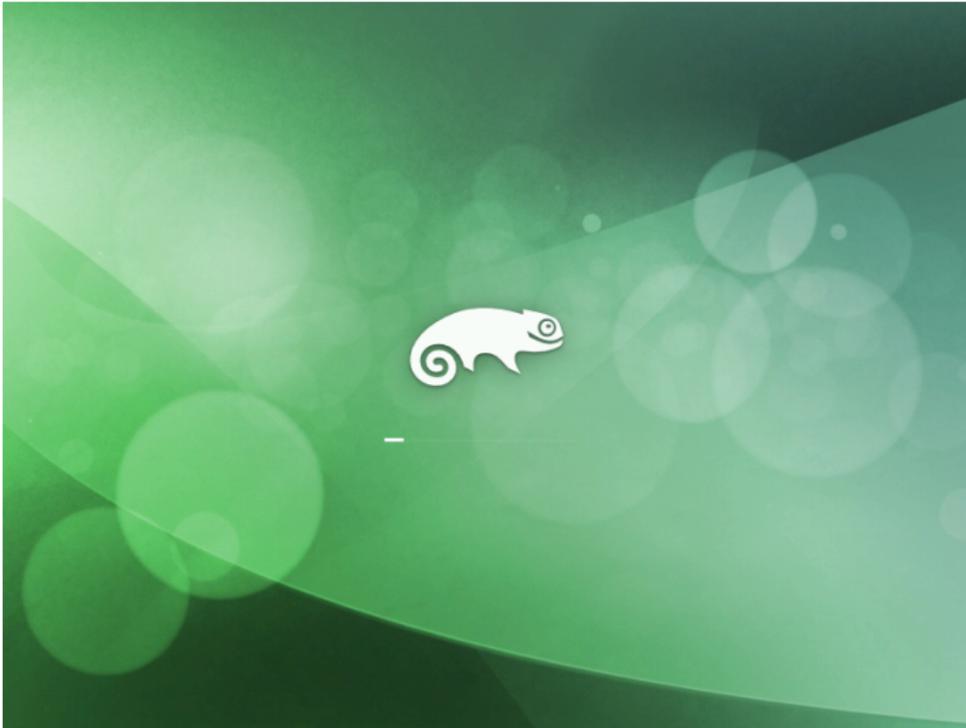
New Artwork



Grub



Splash



Installer

openSUSE

Preparation

- ✓ Welcome
- ✓ System Analysis
- ✓ Time Zone
- ✓ Desktop Selection
- ✓ Disk
- ✓ User Settings

Installation

- ✓ Installation Overview
- ▶ **Perform Installation**

Configuration

- Automatic Configuration

Perform Installation

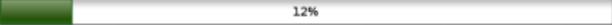
Side Show Details

openSUSE.org



openSUSE is a community project created and sponsored by Novell to deliver the world's most user-friendly computing platform. Many people from around the world contribute to the openSUSE Project by packaging software, testing programs, writing documentation, and translating components into dozens of languages. All of that work is available for free in the openSUSE Linux distribution available at www.opensuse.org.

Visit www.opensuse.org/How_to_Participate to learn how you can join the openSUSE community.

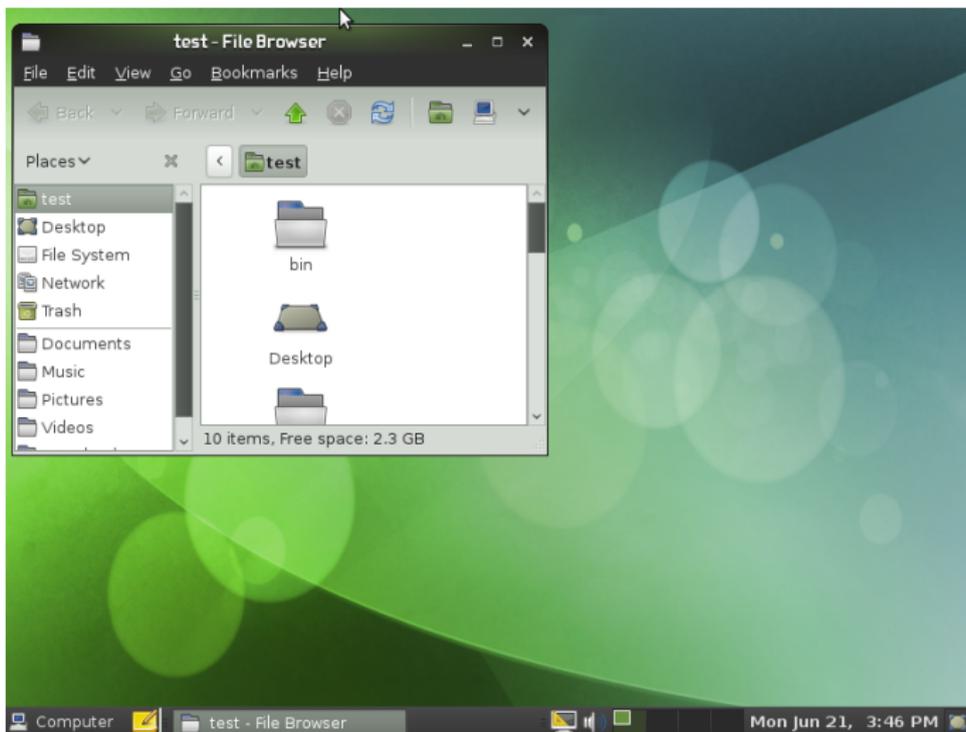
Installing Packages...  12%

Help Abort Back Next

KDE



Gnome



Real Features



Packages

- New versions
 - KDE 4.4.3
 - New netbook interface
 - Window grouping
 - Gnome 2.30.1, Gnome Shell 2.29.1
 - OpenOffice.org 3.2.1
 - Mozilla Firefox 3.6.4
 - Xorg 1.8.0
 - kernel 2.6.34
 - gcc 4.5

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- New packages
 - LXDE
 - Moblin
 - upstart (default is still sysvinit)
 - Grub 2 (default is still Grub 1)
 - Nouveau driver (this one is default ;-)

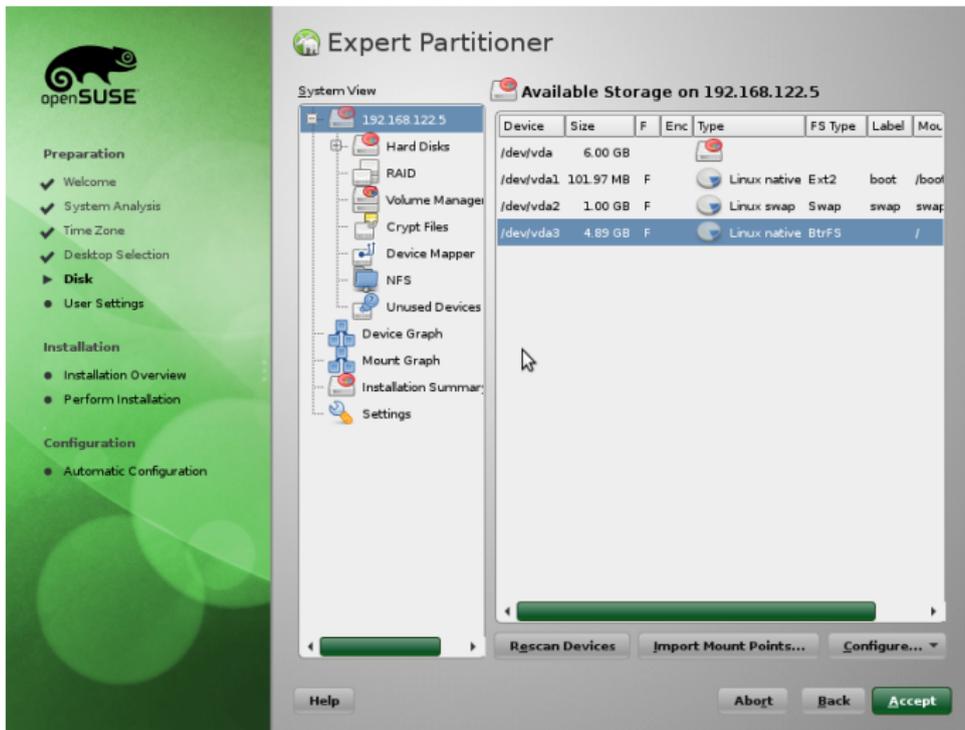
LXDE



Features

- Zypper can terminate PackageKit!
- Yast/Zypper can deinstall not needed packages!
- KSuseInstall - on demand package installation in KDE
- HAL is getting away everywhere
- Support for iPod/iPhone (using Rhythmbox/gvfs)
- GVFS has now menu for mounting archives
- Empathy is Gnomes default IM client
- You can hide sidebar and get more space in instaler

Sidebar hiding

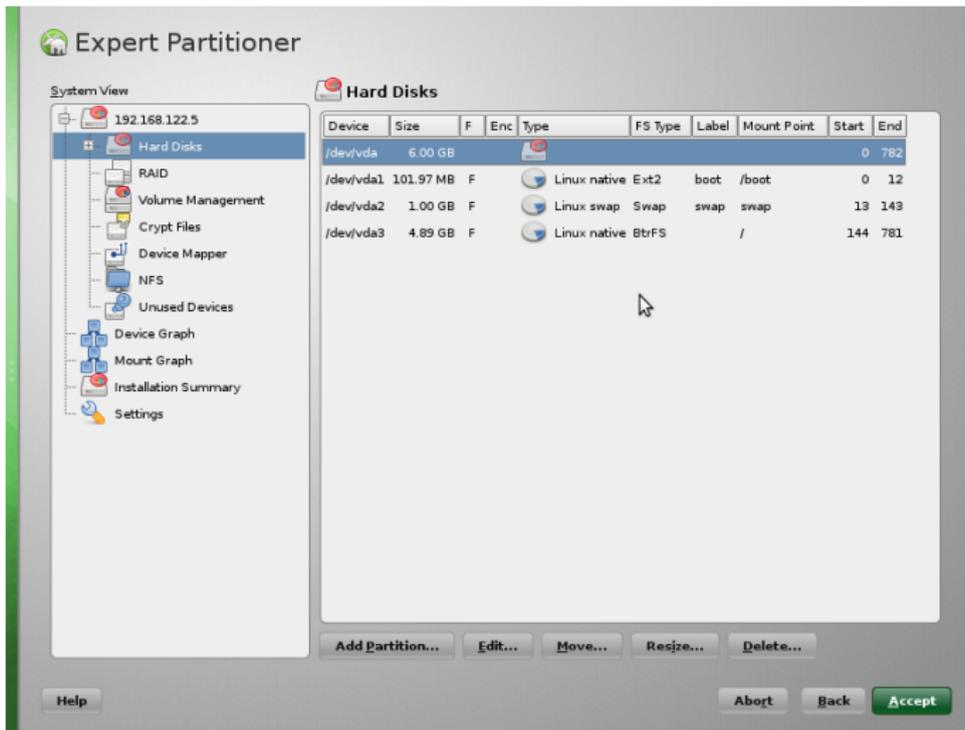


The screenshot shows the Expert Partitioner application interface. On the left is a green sidebar with the openSUSE logo and a navigation menu. The main window is titled 'Expert Partitioner' and shows 'System View' for IP 192.168.122.5. A table titled 'Available Storage on 192.168.122.5' lists the following devices:

Device	Size	F	Enc	Type	FS Type	Label	Mount
/dev/vda	6.00 GB						
/dev/vda1	101.97 MB	F		Linux native	Ext2	boot	/boot
/dev/vda2	1.00 GB	F		Linux swap	Swap	swap	swap
/dev/vda3	4.89 GB	F		Linux native	Btrfs		/

At the bottom of the main window are buttons for 'Rescan Devices', 'Import Mount Points...', and 'Configure...'. At the very bottom are 'Help', 'Abort', 'Back', and 'Accept' buttons.

Sidebar hiding



Btrfs

- General features:
 - Snapshots
 - Subvolumes
 - Copy on write
 - SSD mode
 - Compression
 - Data checksums
- Changes in 11.3:
 - Fixed and running (you can even use it for rootfs)
 - Supports deleting snapshots now!

MySQL

We dropped MySQL!!!

MySQL

We dropped MySQL!!!

Just Kidding we just renamed it.

- Now it's called `mysql-community-server`
- Still provides same symbols
- We now have also other providers for `mysql`
 - MariaDB
 - MySQL Cluster
- `mysql-community-server` is preferred and default

MariaDB

- drop-in replacement of MySQL
- actually a branch of MySQL
 - periodically gets fixes from MySQL
- many storage engines changed
 - FederatedX replaces unmaintained Federated engine
 - MyISAM renamed to Maria and some improvements were made
 - PrimeBase XT (PBXT) is included
 - InnoDB is replaced by XtraDB (Perconas fork)
- many other MySQL community patches...
- their own patches...

Xorg & friends

Features:

- KMS is on (ATI, NVIDIA, Intel)
- Xorg no longer depends on HAL
- Instead combination of udev rules and static configuration
- `xorg.conf` is not coming back
- New `xorg.conf.d` directory for configuration

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Drivers:

- Nouveau is in
- Radeon is default