Leaping Ahead
The future of openSUSE

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openSUSE is 10 years old!!!

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More New Stuff

More Stable

opensUSE
Tumbleweed

More Stable
TUMBLEWEED
ALWAYS CHANGING.. ALWAYS FUN
Downloads comparison

- Sum
- x86
- X86_64
- DVD+NET
- Live
Building Linux Better

• Open Build Service started in February 2006
• Used to build the openSUSE® & SUSE® distributions
• Can build packages for other distributions (Anything rpm based, anything deb based, pkgbuild from Archlinux supported, etc...)  
• Also used by ownCloud, Linux Foundation, VideoLAN (VLC), Dell, Cray, Intel and more.
Testing Linux Better

• openQA started in November 2009
• Able to fully test Linux distributions from install to user applications
• Integral part of the openSUSE® Tumbleweed & Regular Release process
• Used by SUSE® to test SUSE Linux Enterprise
• Recently adopted by Red Hat to test Fedora
openSUSE® Tumbleweed

Open Build Service

openQA

Tumbleweed
home project package 'foo'

maintainer review

'foo's devel project

am-automatic checks
 review team

new 'foo' broke 'bar'

branched 'bar' package

maintainer reviews fix

'bbar's devel project

opensuse Factory

automatic checks review team
Factory - Tumbleweed Installations

- Factory (new Tumbleweed)
- Old Tumbleweed
- Sum

Time (months)

Installation (UUIDs)
A 'quiet' Tumbleweek

• 3 Snapshots
• 146 Package Updates
• 15 New Packages on the DVD
• 38 Packages Removed from the DVD
• 1 new Kernel
Another Tumbleweek

• 5 Snapshots
• 298 Package Updates
• 47 New Packages on the DVD
• 42 Packages Removed from the DVD
• 2 new Kernels
ALWAYS CHANGING.. ALWAYS WORKING

Tumbleweed
A 'Perfect' Regular Release?
More New Stuff

More Stable

openSUSE
A 'Perfect' Regular Release?
A 'Perfect' Regular Release?

- Stable
A 'Perfect' Regular Release?

- Stable
- Well Maintained

[Diagram showing the progression from stable to more stable with openSUSE]
A 'Perfect' Regular Release?

• Stable
• Well Maintained
• Lifecycle of 3 years (or more)
A 'Perfect' Regular Release?

• Stable
• Well Maintained
• Lifecycle of 3 years (or more)
• Wide Selection of Packages
SUSE Linux Enterprise Sources
SLE Sources for openSUSE

• The latest SUSE Linux Enterprise Sources are available in the Open Build Service NOW

• This includes the Sources for Patches
SLE Sources for openSUSE

Offering a stable code base

SUSE® Linux Enterprise
River Flowing Downstream

Adopting upstream innovation

openSUSE

SUSE® Linux Enterprise
Mutual Benefits of Closing the Gap

Offering a stable code base

Adopting upstream innovation

openSUSE

SUSE® Linux Enterprise
Mutual Benefits of Closing the Gap

- Offering a stable code base
- Improved collaboration
- Adopting upstream innovation

SUSE® Linux Enterprise
Leaping Ahead
Tumbleweed

More Stable
Tumbleweed

openSUSE

Shared SLE Sources

SUSE® Linux Enterprise
openSUSE Leap

- Tumbleweed
  - >8000 Packages
  - Community Developed
  - Rolling Updates
  - Rolling Base System

- openSUSE Leap
  - Over 6000 Packages
  - Community Developed

- SUSE® Linux Enterprise
  - Enterprise Packages
  - SUSE Developed

- Shared Core
  - >1000 Packages
  - Stable Base System
  - Regular Updates

- Shared Core
  - Stable Base System
  - Regular Updates
openSUSE® & SLE - Developing Together

openSUSE Tumbleweed

Leap 42.1
Shared Core N
SLE 12 SP1

Leap 42.2
Shared Core N+1
SLE 12 SP2

Leap 42.3
Shared Core N+2
SLE 12 SP3
openSUSE Leap 43.0
openSUSE Leap 43.0 and Beyond

openSUSE Tumbleweed

Leap 43.0

Shared Core Next

SLE 13

Leap 43.1

Shared Core Next+1

SLE 13 SP1

Leap 43.2

Shared Core Next+2

SLE 13 SP2
openSUSE Leap
A 'Perfect' Regular Release?

• Stable
• Well Maintained
• Lifecycle of 3 years (or more)
• Wide Selection of Packages
How to contribute

• Find more at https://en.opensuse.org/Portal:Leap
• Discuss on opensuse-project@opensuse.org
Have a Lot of Fun, and Join Us At:

www.opensuse.org