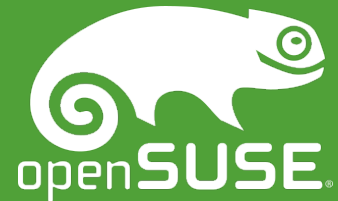


SUSE Studio: What's new and where we are heading

Building and running Linux appliances
on the web

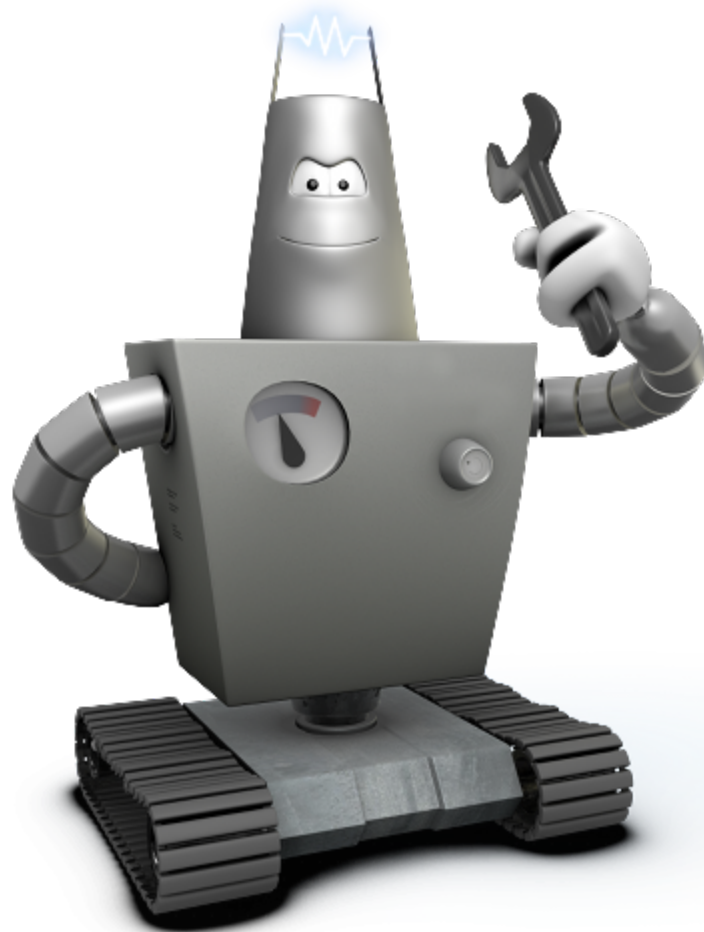
Jan Krupa – Operations Engineer

JKrupa@suse.com



SUSE Studio Introduction

The background of the slide is composed of several large, overlapping hexagonal shapes. A large teal hexagon is on the left, containing the title. To its right is a green hexagon. Below the teal one is a blue hexagon. The hexagons are separated by white lines, creating a geometric pattern.





Jan's openSUSE 13.2, JeOS

64-bit x86, based on openSUSE 13.2

180 MB download, 690 MB uncompressed

Start

Software

Configuration

Files

Build

Share

Software information

0 patterns selected
19 packages selected
214 total packages

Software sources

[openSUSE 13.2 Updates](#), [openSUSE 13.2 OSS](#) Add repositories...  Upload RPMs...

Selected software

Packages: [aaa_base](#), [branding-openSUSE](#), [e2fsprogs](#), [grub2](#), [hwdm](#), [iputils](#), [kernel-default](#), [mc](#),
[netcfg](#), [openssh](#), [openSUSE-build-key](#), [patterns-openSUSE-base](#), [plymouth](#),
[polkit-default-privs](#), [rpcbind](#), [syslog-ng](#), [timezone](#), [vim](#), [zypper](#)

 Quick add...

Search for software

 Search packages & patterns

show: All repositories

Your appliance



To be installed (214)



Selected (19)



Banned (0)



Recommended (86)

All available software

 Take notes

All packages (23588)



All patterns (126)



Uploaded RPMs (0)

Supported formats

- USB Stick / Hard Disk Image
- Preload USB Image
- Live CD / DVD (.iso)
- Preload ISO (.iso)
- VMware Workstation / VirtualBox (.vmdk)
- OVF Virtual Machine / ESXi (.ovf)
- Xen guest (.img)
- Hyper-V Virtual Hard Disk (.vhd)
- SUSE Cloud / OpenStack / KVM (.qcow2)
- Amazon EC2 (.ami)
- Microsoft Azure (.vhd)

Test Drive 52:43

Modified Files

Networking: off

Disk Image

Ctrl-Alt-F1

Ctrl-Alt-F2

Ctrl-Alt-F3

Ctrl-Alt-F7

Alt-F1

Alt-F2

Ctrl-Alt-Del

Ctrl-Alt-Back

Keyboard layout:

English (US)

Desktop



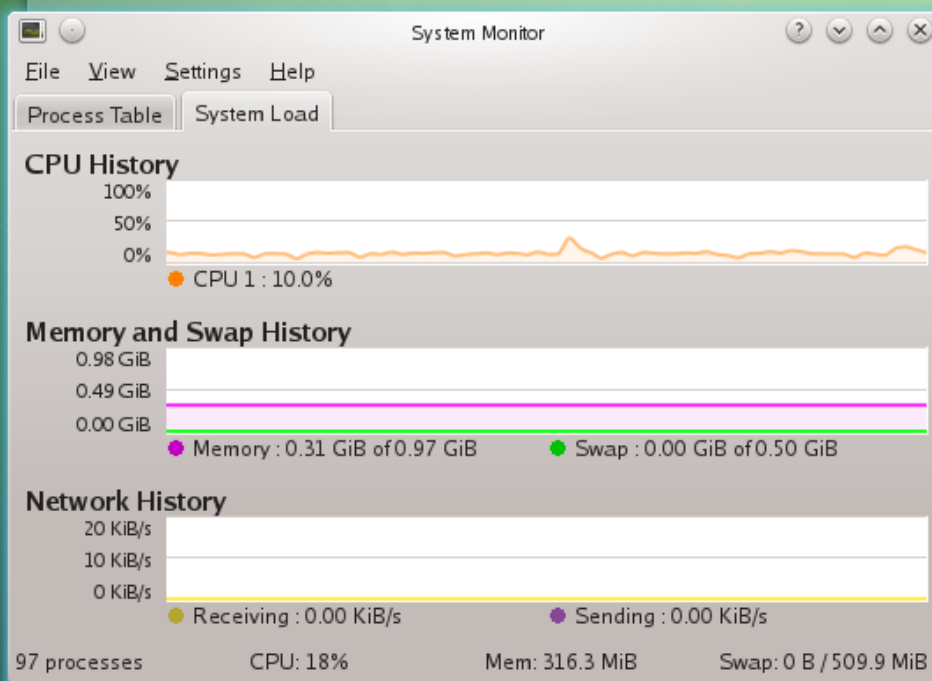
My Computer



Online Help



openSUSE



BUILT WITH

SUSE
studio



System Monitor



08:38 AM



Real life example

Faulty hard drive



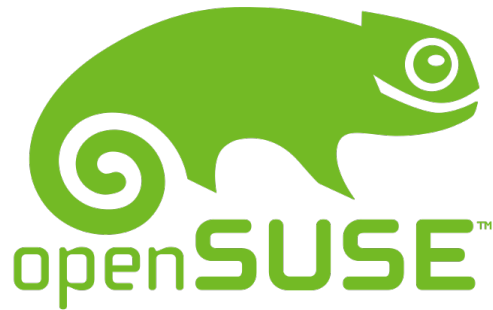
Source: <https://www.flickr.com/photos/alexmuse/307226463>



New features

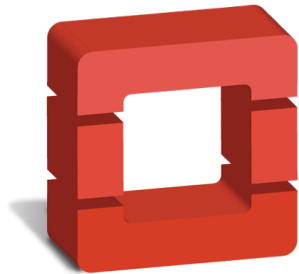
New distributions

- openSUSE releases
- SUSE Linux Enterprise Server releases
- SUSE Linux Enterprise Desktop releases



Cloud build targets

- SUSE Cloud
- OpenStack
- Amazon EC2
- Microsoft Azure



HTTPS-only access



Source: <https://www.flickr.com/photos/bilal-kamoon/6958578902>

Testdrive – Increased performance



Source: <https://www.flickr.com/photos/laserstars/908946494>

API

```
BST* newBST  
= malloc(s
```

Source: <https://www.flickr.com/photos/mutednarayan/2280385549>

Webhooks



Source: <https://www.flickr.com/photos/leecullivan/934664620>



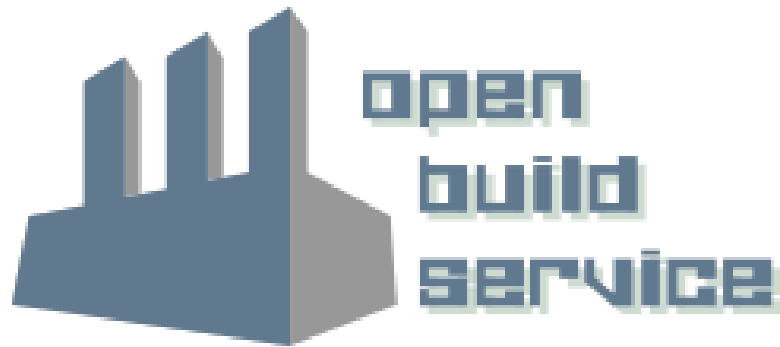
Projects we work on

KIWI



 [openSUSE/kiwi](https://github.com/openSUSE/kiwi)

Open Build Service

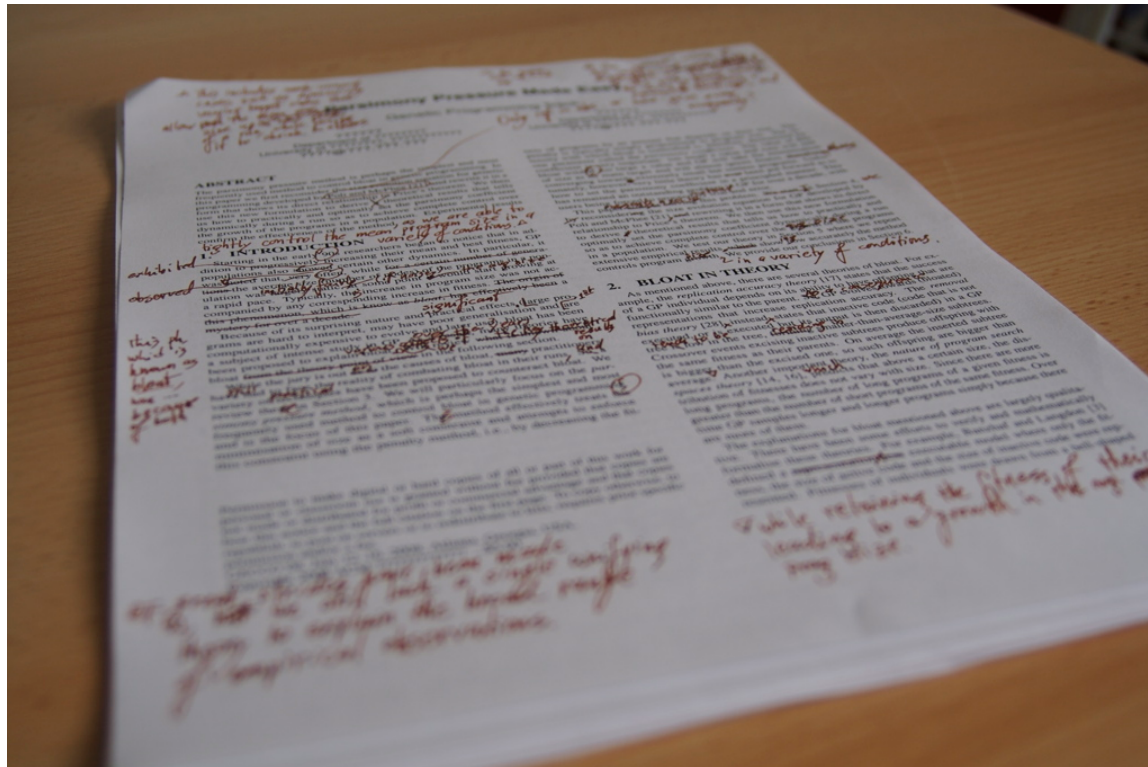


 [openSUSE/open-build-service](https://github.com/openSUSE/open-build-service)

KVM



Contribute to the documentation



Source: https://www.flickr.com/photos/nics_events/2350462608



susestudio/studio-help

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Thank you.

