Creating customized openSUSE versions with SUSE Studio

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Overview

SUSE Studio Overview

Demo

More appliances
SUSE Studio Overview
SUSE Studio

Your Linux appliance construction kit

See a screencast
Build an appliance

What can you do with SUSE Studio?
- Create a tuned server appliance, containing your application and just enough operating system components
- Spin a live CD or DVD with just the packages and software you need
- Create a ready-to-run VMware virtual appliance
- Create a live USB key and carry your Linux system with you wherever you go
- Build a hard disk image for preloading onto hardware
- Install from your live CD, DVD or USB key to your hard drive

SUSE Studio Alpha Signup

We are currently testing SUSE Studio with a limited number of users. If you’d like to be notified as soon as we are ready to send more invites, enter your email address below:

Email:  

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Vision

• Enable community to maintain customized openSUSE versions

• Create and share customized Linux distributions and software appliances
  (appliance: application bundled with complete required software stack including operating system and configuration)

• Easy
• Fast
• Accessible to everybody
Use cases

- Live CDs, DVDs (Mono)
- Live USB sticks (openSUSE with KDE 4.2)
- Demo CDs (Kraft)
- Server appliances (LAMP server)
- Installation images for specific hardware (Eee PC)
- Customized distribution (Grandma's openSUSE)
- Specially targeted distributions (Edu-CD)
- Conference CDs (FOSDEM presentations)
- ...
SUSE Studio

• Web application
  • Building and testing appliances on the server
• Focus on great user interface
• Appliances get created by cloning of templates and other existing appliances
• openSUSE Build Service integration
Contribution Stack

Upstream Developer

Packager

Distributor

Source Code Management

openSUSE Build Service

SUSE Studio

User

Contribute

Use

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SUSE Studio Workflow

Create - Test - Share
Create

Welcome to SUSE Studio!

This is the SUSE Studio editor. The tabs above allow you to configure the different aspects of your appliance. When you're ready, visit the Build tab to generate your final appliance image.

But first, it's important to give your appliance a name. Your appliance's name will be used in the boot screen, and in several other places.

Appliance name: Marble in a box 4.2
Test

![Test Drive SUSE Linux 13](http://node13.susestudio.com/testdrive/start?token=tlflyN7xjxkWJnA0s)
Share

(under construction)
Architecture
Implementation

• Kiwi
• Rails
• KVM
• libsatsolver
• OpenID
Demo
More Appliances
More Appliances
Conclusion

• http://susestudio.com

• Currently we run an Alpha for invited users

• Mailing list: studio-users@listx.novell.com
• IRC: #susestudio on freenode

• Meet us at the openSUSE booth
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