Adopting

GNU Health

to your needs

Axel Braun
Introduction
Navigate through SUSE Studio
Basic functionalities
Modify an existing Live system
Testdrive
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Member of openSUSE project
Package maintainer for (among others) GNU Health and GNU Health Live CD

Supported education project: Favela Education (.org)
Supported medical project: GNU Health
Introduction
GNU Health is a Free/Libre project for health practitioners, health institutions and governments.
Bringing Software to the user...

010011
SUSE Tools

openQA

open build service

Machinery

Kiwi
## Live-CD – Downloads & Clones

<table>
<thead>
<tr>
<th>Software</th>
<th>Downloads</th>
<th>Clones</th>
</tr>
</thead>
<tbody>
<tr>
<td>GNH Health 2.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>openSUSE 13.2</td>
<td>105</td>
<td>20</td>
</tr>
<tr>
<td>openSUSE 13.1</td>
<td>1021</td>
<td>26</td>
</tr>
<tr>
<td>SLES</td>
<td>118</td>
<td>20</td>
</tr>
<tr>
<td>GNU Health 2.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>openSUSE 13.1</td>
<td>763</td>
<td>35</td>
</tr>
<tr>
<td>GNU Health 2.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>openSUSE 13.1</td>
<td>461</td>
<td>24</td>
</tr>
<tr>
<td><strong>Total (as of 25.09.2015)</strong></td>
<td><strong>2468</strong></td>
<td><strong>125</strong></td>
</tr>
</tbody>
</table>
SUSE Studio

More than 500,000 users
~1000 builds per day
Login

A revolutionary new way to create technology
Navigation

Actions
- Create new appliance...
  - Manage EC2...
  - Manage Azure Images...

Your appliances

Shared on Gallery
- openSUSE 13.2
  - GNU Health 2.8 / KDE 4 / 64bit / UEFI
    - 45 build, 51.6 GB
    - 64-bit x86
    - edited Tuesday, 18 August 2015
    - 1 release, 96 downloads, 19 clones, 0 comments
    - Not rated.
- openSUSE 13.1
  - GNU Health 2.4.1 / KDE 4 / 32bit
    - 30 builds, 31.7 GB
    - 32-bit x86
    - edited Thursday, 20 August 2015
    - 1 release, 451 downloads, 22 clones, 0 comments
    - Not rated.
  - GNU Health 2.8 / KDE 4 / 32bit
    - 63 builds, 70.4 GB
    - 32-bit x86
    - edited Wednesday, 19 August 2015
    - 1 release, 927 downloads, 19 clones, 1 comment
    - Not rated.
  - GNU Health 2.6 / KDE 4 / 32bit
    - 53 builds, 55.2 GB
    - 32-bit x86
    - edited Tuesday, 28 July 2015
    - 1 release, 752 downloads, 35 clones

Recent activity
- 2015-08-16
  - There were 9 downloads and 1 clone of your published appliances.
  - Gigi cloned your GNU Health 2.8 / KDE 4 / 64bit / UEFI

- 2015-08-07
  - There were 6 downloads and 1 clone of your published appliances.
  - Wadji Bogne cloned your GNU Health 2.8 / KDE 4 / 64bit / UEFI

From the blog
- SUSE Linux Enterprise 11 SP 4 is out
  - SUSE Linux Enterprise 11 Service Pack 4 was released today. It contains lots ...

  Maintenance:
  - We are planning maintenance on our Studio hardware on Thursday 28.05.2015 bet...

  Read more...

See what others have made in the Gallery!

It’s easy to download appliances others have shared in Gallery. You can even clone from shared appliances!
Navigation - Gallery
SUSE Studio
Basic Functionality
Welcome to SUSE Studio!

Configure your appliance using the tabs above.

When you're finally done making everything the way you want, visit the Build tab to generate your appliance.

But first, give your appliance a name! It will be used in the boot screen, and in several other places.

Appliance name: GNU Health 2.4.1 / KDE 4 / 32bit

Switch to the Software tab to continue »
Navigation - Software

Software sources


Add repositories... Upload and manage RPMs...

Selected software

Patterns: base, kde4, x11
Packages: bundle-lang-kde-en, crda, dbus-1-x11, gdk-pixbuf-loader-rsvg, glibc-locale, glibc-locale, gnuhealth, grub2, icewm, iputils, ipw-firmware, iw, kde4-kreeter-plugins, kdebase4-openSUSE, kdebase4-workspace-branding-openSUSE, kdebase4-workspace-ksysguardd, kdm, kdm-branding-openSUSE, kernel-default, kernel-firmware, konsole, less, liblw80, libreoffice-pyuno, man, nano, netcfg, NetworkManager, okular, openSUSE-release, patterns-openSUSE-kde-k3阳台, patterns-openSUSE-yast2 basis, plasmoid-networkmanager, plymouth, plymouth-branding-basedonopensuse, postgresql92, postgresql92-server, postgresql-init, python-gtk, python-kde4, python-qt4, python-xdg, soprano-backend-virtuosu, SUSfirewall2, sysconfig, sysconfig-netconfig, sysconfig-network, syslog-ng, tryton, unoconv, vim, wireless-regdb, wireless-tools, x11-tools, x86-video-modesetting, xorg-x11, xorg-x11-driver-input, xorg-x11-driver-video, xorg-x11-fonts, xorg-x11-server # yast2, yast2-branding-openSUSE, yast2-control-center-qt, yast2-firstboot, yast2-live-installer, yast2-network, yast2-online-update-frontend, yast2-sysconfig, yast2-theme-openSUSE, yast2-x11, zypper

Quick add...

Search for software

Search packages & patterns

Your appliance

To be installed (777)  Selected (74)  Banned (0)  Recommended (868)
Navigation - Configuration

Default locale
- Language: English (US)
- Keyboard Layout: English (US)

Default time zone
- Region: Global
- Time Zone: UTC

Network
- Do not configure network
- Configure network during first boot
- Use NetworkManager to configure the network at run-time
- Discover network settings automatically (DHCP)
- Manually configure network
  Note: Your appliance will always run DHCP in Testdrive.

Firewall
- Enable firewall
  - Open SSH port (22)
  - Open HTTP ports (80, 443)

Users and groups
<table>
<thead>
<tr>
<th>Login</th>
<th>UID (optional)</th>
<th>Password</th>
<th>Group</th>
<th>Home directory</th>
<th>Shell</th>
</tr>
</thead>
<tbody>
<tr>
<td>root</td>
<td>0</td>
<td>tryon</td>
<td>root</td>
<td>/root</td>
<td>/bin/bash</td>
</tr>
</tbody>
</table>
# Overlay files

Files added here will be copied into the appliance after packages are installed. Adding files is optional.

- **Single files** will be copied to the specified directory.
- **Archives** (tar, tar.gz, tar.bz2, .tgz, or .zip) will be extracted into the directory specified. Permissions and hierarchy will be preserved. Using archives is a great way to add many files at one time.

<table>
<thead>
<tr>
<th>Name</th>
<th>Directory</th>
<th>Extract</th>
<th>Size</th>
<th>Owner/Group</th>
<th>Permissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>GNUhealth24.tar.gz</td>
<td>/home/gnuhealth/</td>
<td>✔️</td>
<td>1.6 MB</td>
<td>gnuhealth / users</td>
<td>rwx-r-x-----</td>
</tr>
<tr>
<td>kde4files.tar.gz</td>
<td>/home/gnuhealth/</td>
<td>✔️</td>
<td>200 MB</td>
<td>gnuhealth / users</td>
<td>rwx------</td>
</tr>
<tr>
<td>Tryton.tar.gz</td>
<td>/home/gnuhealth/</td>
<td>✔️</td>
<td>1.2 MB</td>
<td>gnuhealth / users</td>
<td>rwx------</td>
</tr>
<tr>
<td>boot.local</td>
<td>/etc/init.d/</td>
<td></td>
<td>419 Bytes</td>
<td>root / root</td>
<td>rwxr-xr-x</td>
</tr>
<tr>
<td>dolphinrc</td>
<td>/etc/kde4/share/config/</td>
<td>✔️</td>
<td>921 Bytes</td>
<td>gnuhealth / users</td>
<td>rwx------</td>
</tr>
<tr>
<td>GNUHealth.deskto</td>
<td>/home/gnuhealth/Desktop/</td>
<td>✔️</td>
<td>1.1 MB</td>
<td>gnuhealth / users</td>
<td>rwxr-xr--</td>
</tr>
<tr>
<td>kdeconf</td>
<td>/etc/kde4/share/config/</td>
<td>✔️</td>
<td>418 Bytes</td>
<td>gnuhealth / users</td>
<td>rwx------</td>
</tr>
<tr>
<td>Plymouth.conf</td>
<td>/etc/plymouth/</td>
<td></td>
<td>163 Bytes</td>
<td>root / root</td>
<td>rwxr-xr-x</td>
</tr>
<tr>
<td>SUSEfirewal2</td>
<td>/etc/sysconfig/</td>
<td></td>
<td>344 Bytes</td>
<td>root / root</td>
<td>rwxr-xr-x</td>
</tr>
<tr>
<td>SUSEfirewal2</td>
<td>/etc/auditconfig/</td>
<td></td>
<td>301 Bytes</td>
<td>root / root</td>
<td>rwxr-xr-x</td>
</tr>
<tr>
<td>tryton.conf</td>
<td>/usr/bin/</td>
<td></td>
<td>2.1 MB</td>
<td>root / users</td>
<td>rwxr-xr-x</td>
</tr>
</tbody>
</table>
Navigation – Build

GNU Health 2.4.1 / KDE 4 / 32bit
32-bit x86, based on openSUSE 13.1
850 MB download, 2.5 GB uncompressed

Version 0.0.74

Default format: USB Stick / Hard Disk Image

Additional formats:
- Preload USB Image
- Live CD / DVD (.iso)
- Preload ISO (.iso)
- VMware Workstation / VirtualBox (.vmddk)
- OVF Virtual Machine / ESXi (.ova)
- Xen guest (.img)
- Hyper-V Virtual Hard Disk (.vhd)
- SUSE Cloud / OpenStack / KVM (.qcow2)

Read more about formats...

Changelog... Configuration...

Version 0.0.72

- SUSE Cloud / OpenStack / KVM (.qcow2) 850 MB
- Hyper-V Virtual Hard Disk (.vhd) 830 MB
- Xen guest (.img) 826 MB
- OVF Virtual Machine / ESXi (.ova) 885 MB

Testdrive - Download - View files
SUSE Studio
Modify an existing system
Clone a system

GNU Health 2.4.1 / KDE 4 / 32bit

Published by Axel Braun  Based on openSUSE 13.1 32-bit x86  Homepage at: http://health.gnu.org/

GNU Health is a free Health and Hospital Information System with the following functionality:
- Electronic Medical Record (EMR)
- Hospital Information System (HIS)
- Health Information System

This installable live-CD offers a ready-to-run version of GNU Health.


Note: First boot from USB-Stick is slow, as some setup on the stick is made. Second boot and working is much faster, and WLAN works then as well!

For installation instructions, see https://en.wikibooks.org/wiki/GNU_Health/The_Live-CD

Download

Downloaded 461 times  Cloned 24 times

- Physical
- Virtual
- Cloud

Release notes

Security update to Tryton Server 3.0.7
Information shown on the testdrive console and keystrokes sent to testdrive are not encrypted. For secure access to your testdrive, we suggest using SSH.
# Testdrive – Modified files

## Changed files: 87, ordered by: time

Page: 1 2 (items per page: 50 100 )

<table>
<thead>
<tr>
<th>Type</th>
<th>Path</th>
<th>Last changed</th>
<th>Size</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>modify</td>
<td>/home/gnuhealth/config/tryton/3.0/tryton.conf</td>
<td>25 seconds ago</td>
<td>346 Bytes</td>
<td>View, Diff, Download</td>
</tr>
<tr>
<td>add</td>
<td>/home/gnuhealth/xsession-errors:0</td>
<td>29 seconds ago</td>
<td>30.9 KB</td>
<td>View, Download</td>
</tr>
<tr>
<td>modify</td>
<td>/home/gnuhealth/config/tryton/3.0/known_hosts</td>
<td>30 seconds ago</td>
<td>100 Bytes</td>
<td>View, Diff, Download</td>
</tr>
<tr>
<td>add</td>
<td>/home/gnuhealth/config/Trolltech.conf</td>
<td>109 seconds ago</td>
<td>14.4 KB</td>
<td>View, Download</td>
</tr>
<tr>
<td>add</td>
<td>/home/gnuhealth/Kde4/share/config/SUSEgreperrc</td>
<td>115 seconds ago</td>
<td>30 Bytes</td>
<td>View, Download</td>
</tr>
<tr>
<td>add</td>
<td>/home/gnuhealth/Kde4/share/config/plasma-desktoprc</td>
<td>115 seconds ago</td>
<td>562 Bytes</td>
<td>View, Download</td>
</tr>
<tr>
<td>add</td>
<td>/home/gnuhealth/Kde4/share/config/khotkeysrcc</td>
<td>115 seconds ago</td>
<td>32.1 KB</td>
<td>View, Download</td>
</tr>
<tr>
<td>add</td>
<td>/home/gnuhealth/Kde4/share/config/gtkrc</td>
<td>118 seconds ago</td>
<td>1.4 KB</td>
<td>View, Download</td>
</tr>
<tr>
<td>add</td>
<td>/home/gnuhealth/Kde4/share/config/gtkrc-2.0</td>
<td>118 seconds ago</td>
<td>1.5 KB</td>
<td>View, Download</td>
</tr>
<tr>
<td>add</td>
<td>/home/gnuhealth/Kde4/share/config/kio_desktoprc</td>
<td>119 seconds ago</td>
<td>25 Bytes</td>
<td>View, Download</td>
</tr>
<tr>
<td></td>
<td>/usr/local/lib/robots.conf</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Testdrive – feed back into build

- Update your modified files
- Rebuild appliance
- Iterative process
- Result: Your own appliance!
GNU Health @ SUSE Studio

Testdrive your appliance without any downloading.

Thank you!