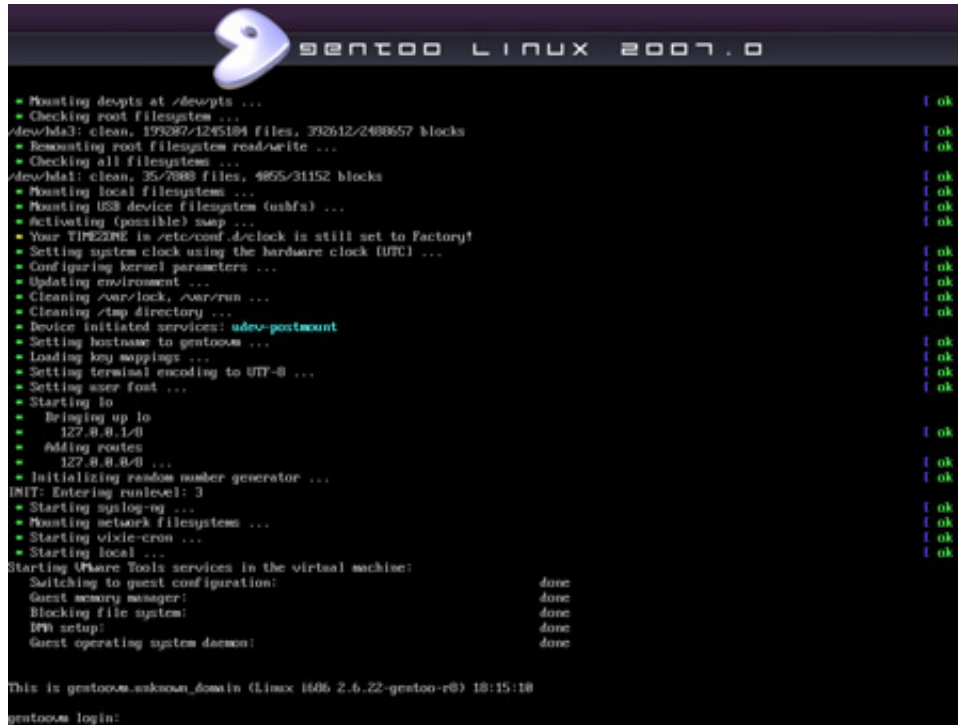# Enhanced Gentoo VM

From GentooVM

Building on the base release candidate vm I have created this alternative VM option.

The main enhancements are the inclusion of a **frame buffer splash**, **VMware tools** and a deep world update. As well as the addition of a few small Gentoo tools, with the view of keeping the VM lightweight.

Contents

Download

Check the Talk:Main_Page page. (**I no longer host this image it's out of date**) --Stonie 18:21, 16 July 2009 (PDT)

Details of changes from the base VM

emerged mirror select

Emerged colordiff

emerge flagedit

Updated colordiff config

Ran emerge -tva -DNu world

Ran etc-update

emerge gentoolkit

emerged pciutils

Setup Framebuffer splash, external howto : [1] (http://gentoo-wiki.com/HOWTO_gensplash#Installation)

enabled png and type support in splashutils

emerged splashutils

Configured kernel for a frame buffer splash

Changed resolution to 1024x768

Recovered disk space, external howto : [2] (http://gentoo-wiki.com/TIP_Free_up_disk_space_in_Gentoo) blew away temp files and kernel source.

Installed VMWARE tools as per these instructions, external howto : [3] (http://www.vmwhere.net/gentoo/install-vmware-tools-in-the-gentoo-vm/)

Shrank Vm with Vm shrink, external howto : [4] (http://chitchat.at.infoseek.co.jp/vmware/vsmtools.html#vmw)

Getting Started

Login

Login is the same as the basic VM

root gentoo

Networking

Make sure your host is configured correctly and then bring up your adaptor

```
# ifconfig eth3 up
# dhcpcd eth3
```

For auto starting and other config check out the gentoo handbook: [5] (http://www.gentoo.org/doc/en/handbook/handbook-x86.xml?part=1&chap=8)

Notes on initial configuration

/etc/localtime

The timezone in the image is set for New York, or EST/EDT. If you live in a different timezone, you should change this link. Look for your timezone in /usr/share/zoneinfo/ and then create a link to your desired timezone:

```
# cd /etc
# rm localtime
# ln -s ../usr/share/zoneinfo/<your-desired-timezone-here> localtime
```

Check your setting with the 'date' command. Also if you need to change the clock, use the 'hwclock' command. You also may want to emerge the ntp package to set your clock in sync with Internet time servers.

/etc/conf.d/clock

There is a timezone setting in this file as well. You can set the timezone to the same one as the link above.

```
# vi /etc/conf.d/clock
(set the TIMEZONE to something like TIMEZONE="Australia/Sydney")
```

--Stonie 17:40, 19 July 2008 (PDT)

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