

Freescal FAE75 Training Genesi Pegasos II Linux Training

Maurie Ommerman
June 10, 2004

FAE75 Part 4

YellowDog Linux

Maurie Ommerman
June 10, 2004

Open Firmware boot script

Boot Options

Upon PowerUP, this menu is presented

Pegasos boot menu

1. MorphOS
2. Debian GNU/Linux 2.4 kernel
3. Debian GNU/Linux 2.6 kernel
4. Yellow Dog Linux 2.4 kernel
5. Return to OF prompt

Press 1-5 (default: 3): 25 seconds to choose

Yellow Dog

- **Long string of commands and responses on the monitor**
- **Finally, ..., a non-graphics prompt**
- **sign on as**
 - **root**
 - **password: moto**
 - **echo \$TERM**
 - **set TERM=vt100**

Yellow Dog root User

set up networking

Setting up correct video mode

startx – starting graphics

Yellow Dog root User Networking

- **ifconfig**
- **set up networking (Static)**
- **/etc/sysconfig/network**
 - NETWORKING=yes
 - HOSTNAME=<something>
 - GATEWAY=<gateway>
- **/etc/sysconfig/network-scripts/ifcfg-eth0**
 - DEVICE=eth0
 - BOOTPROTO=static
 - BROADCAST=xx.xx.xx.255
 - IPADDR=xx.xx.xx.xx
 - NETMASK=255.255.252.0
 - NETWORK=xx.xx.xx.0
 - ONBOOT=yes

Yellow Dog root User Networking

- **set up networking (Dynamic)**
- **/etc/sysconfig/network**
 - NETWORKING=yes
 - HOSTNAME=<something>
- **/etc/sysconfig/network-scripts/ifcfg-eth0**
 - DEVICE=eth0
 - BOOTPROTO=dhcp

Yellow Dog root User Networking

- **Start the network**
 - `ifdown eth0`
 - `ifup eth0`

etc

Really Useful Files to Know

motd - “Welcome to pegasos”
sysconfig/network –
“pegasosLinux”
Issue – “pegasos Demo”
issue.net – “pegasos Demo”
yellowdog-release – “Yellow Dog
Linux release 3.0(Sirius)”

Login

Yellow Dog Linux release 3.0 (Sirius) – yellowdog-release

pegasos Demo – issue or issue.net

Kernel 2.4.21-rc1 on an ppc

login: maurie

Password:

Last login: Fri Feb 13 17:38:54 from 10.82.124.155

Welcome to pegasosLinux - motd

[maurie@pegasosLinux maurie]\$ - sysconfig/network

Yellow Dog root User

Setting up correct video mode

cd /etc/X11

vi XF86Config

change mouse settings to “PS/2”

change monitor setting from ati/radion to

“fbdev”

startx – starting graphics

Yellow Dog root User

create new users

using sound

setting up a printer and printing

surfing the web

instantiating a terminal and learning some commands

sizing the desktop

tour of gnome

log off

login as a user

tour of kde

Yellow Dog root User

create new users

- **useradd <name>**
 - useradd user1
- **passwd <name>**
- **log out root**
- **log in <user>**
 - to set up an xterm
 - top panel right click
 - add tp panel | launcher
 - in command box: xterm
 - in name box: xterm
 - in icon box: gnome terminal

Yellow Dog root User

using sound

Yellow Dog root User

setting up a printer and printing printtool

Yellow Dog root User

- **surfing the web**

 - Using mozilla**
 - setting up proxies**
 - other settings**

Yellow Dog root User

- **instantiating a terminal and learning some commands**

pwd

cd

cd / -- look at important files

gcc

Yellow Dog root User

- **sizing the desktop**
 - **control-alt-minuskey**

Yellow Dog root User

- **tour of gnome**
 - **desktop**
 - **usb memory stick**
 - **office**
 - **log off**
 - **shutdown the system**
 - `shutdown -h now`
 - `button`

Yellow Dog root User

- **login as a user**
- **tour of kde**
 - **desktop**
 - **usb memory stick**
 - **office**
 - **log out**



Genesi Presentation part 4

