



# Global Information Assurance Certification Paper

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The security audit of the Dynamic Host Configuration Protocol (DHCP) server results are less than desirable. The audit consisted of checking for standard configurations of a Linux system. Items such as root access through telnet and ftp, and password selection were checked. All items checked are not listed here. Only the negative results are listed in this document to focus attention on items that need to be corrected.

Operating system vulnerabilities can be mitigated by keeping software up to date. Sadly this has not happened in this case. A current version of the base operating system is being used; however the software supporting that kernel is out of date. The vendor has published several patches and security fixes, but none have been implemented.

Add-on software has been installed that is not used. It shouldn't be loaded and active if it's not in use. Active services not in use just pose possible avenues of entry to malicious users.

Administration of the machine is non-existent. There is no documentation of any kind for the system, no backups, and no recovery plans. Additionally no log records are stored. In the event that it's necessary to find out how the system is being used, it's unlikely that a clear picture could be developed with no log entries or documentation.

On the bright side physical security is very good. There is very little to be done to improve it.

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## Operating System Vulnerabilities

The Linux operating system is continually under development and the source code is freely available. Malicious persons can freely examine the code for errors in order to take advantage of them. The authors of the Linux code are prompt at correcting errors though.

Compromise of loadable modules and shared libraries to gain unauthorized access privileges is common, along with buffer overflow attacks, and exploiting race conditions. To date no report of kernel modifications have been made ([http://www.cert.org/vul\\_notes/VN-98.02.kernel\\_mod.html](http://www.cert.org/vul_notes/VN-98.02.kernel_mod.html)).

The audited system is running Red Hat 6.0. A list of installed software packages compared against an original installation CD-Rom and Powertools CD-Rom shows that the software packages have never been updated.

Known exploits, security alerts, and package updates for Red Hat Linux are published by Red Hat and updated regularly. There are currently thirty-seven security alerts, and fourteen package updates listed for Red Hat 6.0 (<http://www.redhat.com/support/errata/rh60-errata-general.html>).

## Configuration Vulnerabilities

There are currently nineteen services running on this system. As a single purpose DHCP server there are many extraneous services running. Services such as ftp, and MySQL should be turned off and removed from the system. The full list, derived using List Open Files (lsof) (<http://freesoft.online.sh.cn/mirrors/hpux.freeware/Sysadmin/lsof-4.48/lsof-4.48.man.html>), is included as Appendix A. Some duplication occurs for some services, due to activity on several ports at once. The list of active services from netstat is included as Appendix B, but is not complete, as it doesn't contain UDP services.

Linux comes installed with TCP Wrappers. The configuration files hosts.allow and hosts.deny are empty. In addition, no banner files are setup. Banners can make legal action against unauthorized intrusion easier.

Crack (<http://freesoft.online.sh.cn/mirrors/hpux.freeware/Sysadmin/crack-5.0/crack-5.0.man.html>), was unable to break any passwords on the system. Strong passwords are being used; in addition there are only two active accounts on the system, root and the administrator. No password aging is being used. It's unclear how long the accounts have been using the current passwords.

Shell and rlogin are enabled; however no .rhosts or hosts.equiv files are currently on the system. No regular checks are made for .rhosts and hosts.equiv as well. These services allow passwords and userids to be passed in clear text allowing anyone snooping on the Ethernet segment to obtain access.

Linux Loader (LILO) is not password protected allowing single user booting.

Root password is not required for single user mode.

Secure Shell Daemon (SSHD)

([http://www.employees.org/~satch/ssh/faq/manpages/sshd1\\_man.html](http://www.employees.org/~satch/ssh/faq/manpages/sshd1_man.html)) is installed and compiled for use with TCP wrappers, but again TCP Wrappers is not configured to control access to this system.

After obtaining permission from management a network security scan was run against the system after business hours. Nessus (<http://www.nessus.org/documentation.html>) was used to scan the host for vulnerabilities. NMAP (<http://www.insecure.org/nmap>) was used to scan for open ports on the system. The NMAP report is included as part of the Nessus report in Appendix C. Nessus found only one security hole, fourteen security warnings, and eight security notes. The security hole found was sendmail is currently configured to allow two commands, EXPN and VRFY to be run. These commands allow outsiders to obtain users names.

### **Risks From Third Party Software**

Apache web server 1.3.9 is currently configured to allow server side includes. Malicious code can be included in CGI scripts. Even though CGI scripts are only allow to be executed from a specific directory, .htaccess files are allowed to over ride all security controls.

PHP3 3.0.13 is installed in the Apache web server as a module. PHP3 scripts are allowed to be executed from anywhere in the document tree. PHP3 scripts can also use server side includes. There is an update available for PHP3 that has not been installed.

MySQL 3.22.29 is installed. There are no current security alerts for this version of MySQL on Red Hat 6.0.

### **Administrative Practices**

Logging is set to default. Only five days of logs are kept, more are needed in the event of an intrusion.

Passwords use shadowing and MD5 hashes, but as stated above no password aging is in affect. Aging would require passwords to be changed on a regular basis.

There is currently no documentation on this system. It's configuration, equipment inventory, or usage policy does not exist.

### **Backup Policies, disaster preparedness**

There is no boot diskette for this system. If the system fails to boot for any reason, it may not be recoverable.

There are no backups for this system. Catastrophic failure would be unrecoverable.

The system is on an uninterruptible power supply (UPS) with an estimated power supply of 2 hours. The UPS is not set up to power down the server when the battery runs low though.

### **Physical Security**

The system is located on the floor in a steel vault. It is placed under a table against the wall in a position that in can't be bumped or kicked by personnel. There are no external peripherals (keyboard, monitor, printer, hard drives, etc) attached to the system. The reset and power buttons are still active on the CPU case. The power cords are physically accessible. BIOS has no security features turned on, and the boot sequence allows for booting from a floppy diskette.

The vault the system is located in extends on all six sides of the room. With both a key locked gate, and a tumbler type combination lock door. Access to the vault is both

manually and electronically logged. A security guard is posted in visual site of the vault door. An alarm system is installed in the vault.

All network cables are run in steel conduit to an Ethernet switch in a locked cabinet. The cabinet is located in another room with a cipher lock door. Again the room is in plain sight of the security guard, and alarmed. The Ethernet switch is configured for MAC layer security.

### **Prioritized list of security vulnerabilities**

1. Network access to the system is not controlled.
2. Unnecessary services are being run.
3. Installed software is not up to date.
4. There is no current backup of the system.
5. There is no way to boot the system in an emergency.

### **Prioritized list of recommended fixes**

1. Disable unnecessary services. Specifically telnet, ftp, smtp, finger, linuxconf, auth, sunrpc, samba, imap, rshell, rlogin, squid, mysql, ntalk.
2. Remove unnecessary software. Specifically anonftp-2.8-1, apache-devel-1.3.9-4, portmap-4.0-15, rsh-0.10-25, samba-2.0.3-8, sendmail-8.9.3-10, wu-ftpd-2.4.2vr17-3, yp-tools-2.2-1, ypbind-3.3-20, squid-2.2.STABLE1-1, MySQL-client-3.22.29-1, php-pg-mysql-3.0.13-1, mod\_perl-1.19-2, MySQL-3.22.29-1, freetype-devel-1.2-7, php-pg-3.0.13-1, openldap-devel-1.2.9-5, php-pg-manual-3.0.13-1, apache-1.3.9-4, openldap-1.2.9-5, pam\_ldap-36-1, imap-4.7-5.
3. Update all remaining software packages. Consider installing Autorpm to maintain a list of available updates.
4. Configure TCP Wrappers to limit access with a default all:deny statement in hosts.deny.
5. Back the system up for emergency recovery and create an emergency boot diskette.
6. Install tripwire. Copy the tripwire database to a floppy for storage with the emergency boot diskette.
7. Document the system, both physically and installed software.
8. Rerun audit to insure nothing was missed.
9. Consider placing the server in a lockable cabinet to deny access to CPU switches and power cords.

## Appendix A.

/usr/sbin/lsof -i +M

COMMAND	PID	USER	FD	TYPE	DEVICE	SIZE	NODE	NAME
portmap	261	root	3u	inet	379			UDP *:sunrpc[rpcbind]
portmap	261	root	4u	inet	382			TCP *:sunrpc[rpcbind] (LISTEN)
inetd	376	root	4u	inet	518			TCP *:ftp (LISTEN)
inetd	376	root	5u	inet	519			TCP *:telnet (LISTEN)
inetd	376	root	6u	inet	520			TCP *:shell (LISTEN)
inetd	376	root	8u	inet	521			TCP *:login (LISTEN)
inetd	376	root	10u	inet	522			UDP *:talk
inetd	376	root	11u	inet	523			UDP *:ntalk
inetd	376	root	12u	inet	524			TCP *:finger (LISTEN)
inetd	376	root	13u	inet	525			TCP *:auth (LISTEN)
inetd	376	root	14u	inet	526			TCP *:linuxconf (LISTEN)
inetd	376	root	15u	inet	19751			TCP *:imap2 (LISTEN)
sshd	383	root	3u	inet	535			TCP *:ssh (LISTEN)
dhcpcd	397	root	10u	inet	556			UDP *:bootps
sendmail	432	root	4u	inet	184161			TCP *:smtp (LISTEN)
mysqld	498	root	3u	inet	701			TCP *:mysql (LISTEN)
mysqld	500	root	3u	inet	701			TCP *:mysql (LISTEN)
mysqld	501	root	3u	inet	701			TCP *:mysql (LISTEN)
smbd	517	root	5u	inet	743			TCP *:netbios-ssn (LISTEN)
nmbd	528	root	5u	inet	759			UDP *:netbios-ns
nmbd	528	root	6u	inet	761			UDP *:netbios-dgm
nmbd	528	root	8u	inet	763			UDP 3noc.army.mil:netbios-ns
nmbd	528	root	10u	inet	765			UDP 3noc.army.mil:netbios-dgm
nmbd	528	root	11u	inet	767			UDP localhost:netbios-ns
nmbd	528	root	12u	inet	769			UDP localhost:netbios-dgm
squid	14315	root	2u	inet	174238			TCP localhost:2822->localhost:2821 (ESTABLISHED)
squid	14315	root	29u	inet	174243			TCP *:3128 (LISTEN)
squid	14315	root	30u	inet	174244			UDP *:3401
dnsserver	14316	squid	0u	inet	174239			TCP localhost:2821->localhost:2822 (ESTABLISHED)
dnsserver	14316	squid	1u	inet	174239			TCP localhost:2821->localhost:2822 (ESTABLISHED)
nmbd	16811	root	5u	inet	759			UDP *:netbios-ns
nmbd	16811	root	6u	inet	761			UDP *:netbios-dgm
nmbd	16811	root	8u	inet	763			UDP 3noc.army.mil:netbios-ns
nmbd	16811	root	10u	inet	765			UDP 3noc.army.mil:netbios-dgm
nmbd	16811	root	11u	inet	767			UDP localhost:netbios-ns
nmbd	16811	root	12u	inet	769			UDP localhost:netbios-dgm
nmbd	16811	root	14u	inet	75709			TCP 3noc.army.mil:3711->150.114.100.220:netbios-ssn (ESTABLISHED)

DHCP Server Security Audit  
Gary Worthy

```
nmbd 16878 root 5u inet 759 UDP *:netbios-ns
nmbd 16878 root 6u inet 761 UDP *:netbios-dgm
nmbd 16878 root 8u inet 763 UDP 3noc.army.mil:netbios-ns
nmbd 16878 root 10u inet 765 UDP 3noc.army.mil:netbios-dgm
nmbd 16878 root 11u inet 767 UDP localhost:netbios-ns
nmbd 16878 root 12u inet 769 UDP localhost:netbios-dgm
nmbd 16878 root 14u inet 75806 TCP 3noc.army.mil:3712-
>150.114.100.220:netbios-ssn (ESTABLISHED)
sshd 17639 root 5u inet 185543 TCP 3noc.army.mil:ssh->192.168.254.4:1096
(ESTABLISHED)
sshd 17663 root 5u inet 185576 TCP 3noc.army.mil:ssh->192.168.254.4:1097
(ESTABLISHED)
```

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## Appendix B.

netstat -at

Active Internet connections (servers and established)

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State
tcp	0	0	3noc.army.mil:ssh	192.168.254.4:1097	ESTABLISHED
tcp	0	0	3noc.army.mil:ssh	192.168.254.4:1096	ESTABLISHED
tcp	0	0	*:smtp	*:*	LISTEN
tcp	0	0	*:3128	*:*	LISTEN
tcp	0	0	localhost:2821	localhost:2822	ESTABLISHED
tcp	0	0	localhost:2822	localhost:2821	ESTABLISHED
tcp	0	0	3noc.army.mil:3712	150.114.100:netbios-ssn	ESTABLISHED
tcp	0	0	3noc.army.mil:3711	150.114.100:netbios-ssn	ESTABLISHED
tcp	0	0	*:imap2	*:*	LISTEN
tcp	0	0	*:netbios-ssn	*:*	LISTEN
tcp	0	0	*:mysql	*:*	LISTEN
tcp	0	0	*:ssh	*:*	LISTEN
tcp	0	0	*:linuxconf	*:*	LISTEN
tcp	0	0	*:auth	*:*	LISTEN
tcp	0	0	*:finger	*:*	LISTEN
tcp	0	0	*:login	*:*	LISTEN
tcp	0	0	*:shell	*:*	LISTEN
tcp	0	0	*:telnet	*:*	LISTEN
tcp	0	0	*:ftp	*:*	LISTEN
tcp	0	0	*:sunrpc	*:*	LISTEN

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**Appendix C.**  
Nessus Scan Report  
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SUMMARY

- Number of hosts which were alive during the test : 1
- Number of security holes found : 1
- Number of security warnings found : 14
- Number of security notes found : 8

TESTED HOSTS

NNN.NNN.NNN.NNN (Security holes found)

DETAILS

- + NNN.NNN.NNN.NNN :
  - . List of open ports :
    - o telnet (23/tcp) (Security warnings found)
    - o ssh (22/tcp) (Security warnings found)
    - o ftp (21/tcp) (Security warnings found)
    - o smtp (25/tcp) (Security hole found)
    - o finger (79/tcp) (Security warnings found)
    - o linuxconf (98/tcp) (Security warnings found)
    - o auth (113/tcp) (Security warnings found)
    - o sunrpc (111/tcp)
    - o netbios-ssn (139/tcp)
    - o imap2 (143/tcp)
    - o shell (514/tcp) (Security warnings found)
    - o login (513/tcp) (Security warnings found)
    - o unknown (3128/tcp) (Security warnings found)
    - o mysql (3306/tcp)
    - o unknown (6010/tcp)
    - o general/udp (Security notes found)
    - o netbios-ns (137/udp) (Security warnings found)
    - o ntalk (518/udp) (Security notes found)
    - o general/icmp (Security warnings found)
  - . Warning found on port telnet (23/tcp)

The Telnet service is running.  
This service is dangerous in the sense that it is not ciphered - that is, everyone can sniff the data that passes between the telnet client and the telnet server. This includes logins and passwords.

You should disable this service and use OpenSSH instead.  
([www.openssh.com](http://www.openssh.com))

Solution : Comment out the 'telnet' line in /etc/inetd.conf.

Risk factor : Low  
CVE : CAN-1999-0619

. Information found on port telnet (23/tcp)

Remote telnet banner :  
Kernel 2.2.5-15 on an i586

. Warning found on port ssh (22/tcp)

You are running a version of SSH which is older than (or as old as) version 1.2.27. If this version was compiled against the RSAREF library, then it is very likely to be vulnerable to a buffer overflow which may be exploited by a cracker to gain root on your system.

To determine if you compiled ssh against the RSAREF library, type 'ssh -V' on the remote host.

Risk factor : High  
Solution : Use ssh 2.x, or do not compile ssh against the RSAREF library  
CVE : CVE-1999-0834

. Information found on port ssh (22/tcp)

Remote SSH version : ssh-1.5-1.2.27

. Warning found on port ftp (21/tcp)

The FTP service allows anonymous logins. If you do not want to share data with anyone you do not know, then you should deactivate the anonymous account, since it can only cause troubles.

Under most Unix system, doing :

```
echo ftp >> /etc/ftpusers
```

will correct this.

Risk factor : Low

CVE : CAN-1999-0497

. Information found on port ftp (21/tcp)

Remote FTP server banner :

```
3noc.army.mil ftp server (version wu-2.4.2-vr17(1) mon apr 19 09:21:53 edt 1999) ready.
```

. Vulnerability found on port smtp (25/tcp) :

It was possible to crash the remote SMTP server by opening a great amount of sockets on it.

This problem allows crackers to make your SMTP server crash, thus preventing you from sending or receiving e-mails, which will affect your work.

Solution :

If your SMTP server is constrained to a maximum number of processes, i.e. it's not running as root and as a ulimit 'max user processes' of 256, you may consider upping the limit with 'ulimit -u'.

If your server has the ability to protect itself from

SYN floods, you should turn on that features, i.e. Linux's  
CONFIG\_SYN\_COOKIES

The best solution may be cisco's 'TCP intercept' feature.

Risk factor : Serious  
CVE : CAN-1999-0846

. Warning found on port smtp (25/tcp)

The remote SMTP server  
answers to the EXPN and/or VRFY commands.

The EXPN command can be used to find  
the delivery adress of mail aliases, or  
even the full name of the recipients, and  
the VRFY command may be used to check the  
validity of an account.

Your mailer should not allow remote users to  
use any of these commands, because it gives  
them too much informations.

Solution : if you are using sendmail, add the  
option

O PrivacyOptions=goaway  
in /etc/sendmail.cf.

Risk factor : Low  
CVE : CAN-1999-0531

. Information found on port smtp (25/tcp)

Remote SMTP server banner :  
3noc.army.mil ESMTP Sendmail 8.9.3/8.9.3  
Thu, 10 Aug 2000 13:45:15 -0500  
214-This is Sendmail version 8.9.3214-Topics:

214-HELO EHLO MAIL RCPT DATA

214-RSET NOOP QUIT HELP VRFY

214- EXPN VERB ETRN DSN

214-For more info use "HELP <topic>".

214-To report bugs in the implementation send email to

214- sendmail-bugs@sendmail.org.

214-For local information send email to Postmaster at your site.

214 End of HELP info

. Warning found on port finger (79/tcp)

The 'finger' service provides useful informations to crackers, since it allow them to gain usernames, check if a machine is being used, and so on...

Risk factor : Low.

Solution : comment out the 'finger' line in /etc/inetd.conf  
CVE : CVE-1999-0612

. Warning found on port linuxconf (98/tcp)

Linuxconf is running on this port

. Warning found on port auth (113/tcp)

The 'ident' service provides sensitives informations to the intruders : it mainly says which accounts are running which services. This helps attackers to focus on valuable services [those owned by root]. If you don't use this service, disable it.

Risk factor : Low.

Solution : comment out the 'auth' line in /etc/inetd.conf

CVE : CAN-1999-0629

. Warning found on port shell (514/tcp)

The rsh service is running.  
This service is dangerous in the sense that it is not ciphered - that is, everyone can sniff the data that passes between the rsh client and the rsh server. This includes logins and passwords.

You should disable this service and use ssh instead.

Solution : Comment out the 'rsh' line in /etc/inetd.conf.

Risk factor : Low  
CVE : CAN-1999-0651

. Warning found on port login (513/tcp)

The rlogin service is running.  
This service is dangerous in the sense that it is not ciphered - that is, everyone can sniff the data that passes between the rlogin client and the rlogin server. This includes logins and passwords.

You should disable this service and use openssh instead ([www.openssh.com](http://www.openssh.com))

Solution : Comment out the 'rlogin' line in /etc/inetd.conf.

Risk factor : Low  
CVE : CAN-1999-0651

. Warning found on port unknown (3128/tcp)

a web server is running on this  
port

. Warning found on port unknown (3128/tcp)

an HTTP proxy is running on this  
port

. Warning found on port unknown (3128/tcp)

The Sambar webserver is running. It provides a webinterface for sending emails.

You may simply pass a POST request to /session/sendmail and by this send mails to anyone you want.

Due to the fact that Sambar does not check HTTP referers you do not need direct access to the server!

See <http://www.toppoint.de/~hscholz/sambar> for more information.

Solution : Try to disable this module. There might be a patch in the future.

Risk factor :  
High

. Information found on port unknown (3128/tcp)

The remote web server type is :  
Squid/2.2.STABLE1

We recommend that you configure your web server to return bogus versions, so that it makes the cracker job more difficult

. Information found on port general/udp

For your information, here is the traceroute to NNN.NNN.NNN.NNN :  
NNN.NNN.NNN.NNN

. Warning found on port netbios-ns (137/udp)

. The following 7 NetBIOS names have been gathered :

3NOC

3NOC

3NOC

\_\_MSBROWSE\_\_

HOOD  
HOOD  
HOOD

. This SMB server seems to be a SAMBA server (this is not a security risk, this is for your information). This can be told because this server claims to have a null MAC address

If you do not want to allow everyone to find the NetBios name of your computer, you should filter incoming traffic to this port.

Risk factor :  
Medium

. Information found on port ntalk (518/udp)

talkd is running (talkd is the server that notifies a user that someone else wants to initiate a conversation)

Malicious hackers may use it to abuse legitimate users by conversing with them with a false identity (social engineering).

In addition to this, crackers may use this service to execute arbitrary code on your system.

Solution: Disable talkd access from the network by adding the appropriate rule on your firewall. If you do not need talkd, comment out the relevant line in /etc/inetd.conf.

See additional information regarding the dangers of keeping this port open:

<http://www.cert.org/advisories/CA-97.04.talkd.html>

Risk factor : Medium  
CVE : CVE-1999-0048

. Information found on port ntalk (518/udp)

talkd protocol version: 1  
CVE : CVE-1999-0048

. Warning found on port general/icmp

The remote host answers to an ICMP timestamp request. This allows an attacker to know the date which is set on your machine.

This may help him to defeat all your time based authentications protocols.

Solution : filter out the icmp timestamp requests (13), and the outgoing icmp timestamp replies (14).

Risk factor : Low  
CVE : CAN-1999-0524

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This file was generated by the Nessus Security Scanner

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## Appendix D.

### Installed Software Packages

Name : setup Relocations: (not relocateable)  
Version : 2.0.2 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 14:39:24 1999  
Install date: Fri Oct 1 11:17:31 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: setup-2.0.2-1.src.rpm  
Size : 16267 License: public domain  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A set of system configuration and setup files.

#### Description :

The setup package contains a set of very important system configuration and setup files, such as passwd, group, profile and more.

You should install the setup package because you will find yourself using its many features for system administration.

Name : filesystem Relocations: (not relocateable)  
Version : 1.3.4 Vendor: Red Hat Software  
Release : 4 Build Date: Sun Mar 21 15:06:24 1999  
Install date: Fri Oct 1 11:17:32 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: filesystem-1.3.4-4.src.rpm  
Size : 81958 License: Public Domain  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The basic directory layout for a Linux system.

#### Description :

The filesystem package is one of the basic packages that is installed on a Red Hat Linux system. Filesystem contains the basic directory layout for a Linux operating system, including the correct permissions for the directories.

Name : basesystem Relocations: (not relocateable)  
Version : 6.0 Vendor: Red Hat Software  
Release : 4 Build Date: Mon Apr 12 16:12:37 1999  
Install date: Fri Oct 1 11:17:32 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: basesystem-6.0-4.src.rpm  
Size : 0 License: public domain  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The skeleton package which defines a simple Red Hat Linux system.

#### Description :

Basesystem defines the components of a basic Red Hat Linux system (for example, the package installation order to use during bootstrapping). Basesystem should be the first package installed on a system, and it should never be removed.

Name : ldconfig Relocations: (not relocateable)

Version : 1.9.5 Vendor: Red Hat Software  
Release : 15 Build Date: Fri Apr 16 00:59:27 1999  
Install date: Fri Oct 1 11:17:32 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: ldconfig-1.9.5-15.src.rpm  
Size : 228695 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Creates a shared library cache and maintains symlinks for ld.so.

Description :

Ldconfig is a basic system program which determines run-time link bindings between ld.so and shared libraries. Ldconfig scans a running system and sets up the symbolic links that are used to load shared libraries properly. It also creates a cache (/etc/ld.so.cache) which speeds the loading of programs which use shared libraries.

Name : AfterStep Relocations: (not relocateable)  
Version : 1.7.90 Vendor: Red Hat Software  
Release : 3 Build Date: Mon Apr 19 14:55:21 1999  
Install date: Fri Oct 1 11:17:41 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: AfterStep-1.7.90-3.src.rpm  
Size : 4248520 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : AfterStep Window Manager

Description :

AfterStep is a continuation of the BowMan window manager which was originally put together by Bo Yang. BowMan was based on the fvwm window manager, written by Robert Nation. Fvwm was based on code from twm. And so on... It was originally designed to emulate some of the look and feel of the NEXTSTEP user interface, but has since taken steps towards adding more useful, requested, and neat features especially in 1.4 version ! The changes which comprise AfterStep's personality were originally part of bowman development, but due to a desire to move past simple emulation and into a niche as its own valuable window manager, AfterStep designers decided to change the project name and move on.

Important features of AfterStep include:

1. Wharf: a free-floating application loader which can "Swallow" running programs and also can contain "Folders" of more applications.
2. Gradient filled TitleBars with 5 button : help/zap, action/tasks, iconize/maximise, shade/stick & close/destroy buttons
3. Gradient filled root window PopUp menus which can be configured to accomodate different tastes and styles of management
4. NEXTSTEP style icons which give a consistent look to the entire desktop
5. Pixmapped Pager with desktop pixmapping
6. Easy to use look files, to share you desktop appearance with your friends
7. Start menu entries in a hierarchy of directories
8. WinList : a tasklist which can be horizontal or vertical

9. Many modules & asapps to give a good look to your X window station

Name : AfterStep-APPS Relocations: (not relocateable)  
Version : 990329 Vendor: Red Hat Software  
Release : 2 Build Date: Mon Apr 5 20:00:12 1999  
Install date: Fri Oct 1 11:17:43 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: AfterStep-APPS-990329-2.src.rpm  
Size : 1104878 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Applets you can use with AfterStep and compatible window managers.  
Description :

What's a cool window manager without some cool applets?  
Well... it's still cool, but these applets which can  
be used in the Wharf module for AfterStep or Window  
Maker can add both spice and productivity to your  
preferred window manager, such as a handy clock and  
information about system resources.

If you've installed the AfterStep packages, you  
should also install these packages. Enjoy!

Name : aktion Relocations: /usr  
Version : 0.3.3 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 5 11:00:35 1999  
Install date: Fri Oct 1 11:17:44 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: aktion-0.3.3-1.src.rpm  
Size : 322209 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : aKtion - Movie player for KDE  
Description :

Movie player for the K Desktop Environment. Requires 'xanim' to function.

Name : anonftp Relocations: /home/ftp  
Version : 2.8 Vendor: Red Hat Software  
Release : 1 Build Date: Sun Mar 21 10:49:24 1999  
Install date: Fri Oct 1 11:17:46 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: anonftp-2.8-1.src.rpm  
Size : 1577632 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A program which enables anonymous FTP access.  
Description :

The anonftp package contains the files you need in order to  
allow anonymous FTP access to your machine. Anonymous FTP access allows  
anyone to download files from your machine without having a user account.  
Anonymous FTP is a popular way of making programs available via the  
Internet.

You should install anonftp if you would like to enable anonymous FTP  
downloads from your machine.

Name : AnotherLevel Relocations: (not relocateable)  
Version : 0.9 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 5 14:53:07 1999  
Install date: Fri Oct 1 11:17:47 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: AnotherLevel-0.9-1.src.rpm  
Size : 295682 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A customized configuration of the fvwm2 window manager.

Description :

AnotherLevel is a custom configuration of the popular fvwm2 window manager. Fvwm stands for (?) virtual window manager. You can fill in the blank for the 'f': fast, flexible, friendly and fabulous all could apply. This window manager is based on TheNextLevel desktop configuration, created by Greg J. Badros, which won the 1996 Red Hat Desktop Contest.

AnotherLevel is designed to be easily configured by the user.

Name : glibc Relocations: (not relocateable)  
Version : 2.1.1 Vendor: Red Hat Software  
Release : 6 Build Date: Fri Apr 16 17:50:24 1999  
Install date: Fri Oct 1 11:18:24 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: glibc-2.1.1-6.src.rpm  
Size : 26821530 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : GNU libc

Description :

Contains the standard libraries that are used by multiple programs on the system. In order to save disk space and memory, as well as to ease upgrades, common system code is kept in one place and shared between programs. This package contains the most important sets of shared libraries, the standard C library and the standard math library. Without these, a Linux system will not function. It also contains national language (locale) support and timezone databases.

Name : chkconfig Relocations: (not relocateable)  
Version : 1.0.6 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 05:44:02 1999  
Install date: Fri Oct 1 11:18:35 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: chkconfig-1.0.6-1.src.rpm  
Size : 84040 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A system tool for maintaining the /etc/rc.d hierarchy.

Description :

Chkconfig is a basic system utility. It updates and queries runlevel information for system services. Chkconfig manipulates the numerous

symbolic links in /etc/rc.d, so system administrators don't have to manually edit the symbolic links as often.

Name : mktemp Relocations: (not relocateable)  
Version : 1.5 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Mar 22 19:32:06 1999  
Install date: Fri Oct 1 11:18:36 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: mktemp-1.5-1.src.rpm  
Size : 8943 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.openbsd.org>  
Summary : A small utility for safely making /tmp files.

Description :

The mktemp utility takes a given file name template and overwrites a portion of it to create a unique file name. This allows shell scripts and other programs to safely create and use /tmp files.

Install the mktemp package if you need to use shell scripts or other programs which will create and use unique /tmp files.

Name : termcap Relocations: (not relocateable)  
Version : 9.12.6 Vendor: Red Hat Software  
Release : 15 Build Date: Mon Mar 29 10:08:46 1999  
Install date: Fri Oct 1 11:18:37 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: termcap-9.12.6-15.src.rpm  
Size : 434898 License: none  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The terminal feature database used by certain applications.

Description :

The termcap package provides the /etc/termcap file. /etc/termcap is a database which defines the capabilities of various terminals and terminal emulators. Certain programs use the /etc/termcap file to access various features of terminals (the bell, colors, and graphics, etc.).

Name : libtermcap Relocations: (not relocateable)  
Version : 2.0.8 Vendor: Red Hat Software  
Release : 13 Build Date: Sun Mar 21 09:37:41 1999  
Install date: Fri Oct 1 11:18:38 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: libtermcap-2.0.8-13.src.rpm  
Size : 59608 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <ftp://sunsite.unc.edu/pub/Linux/GCC/>  
Summary : A basic system library for accessing the termcap database.

Description :

The libtermcap package contains a basic system library needed to access the termcap database. The termcap library supports easy access to the termcap database, so that programs can output character-based displays in a terminal-independent manner.

Name : bash Relocations: (not relocateable)  
Version : 1.14.7 Vendor: Red Hat Software  
Release : 16 Build Date: Tue Apr 6 11:33:12 1999  
Install date: Fri Oct 1 11:18:39 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Shells Source RPM: bash-1.14.7-16.src.rpm  
Size : 558538 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The GNU Bourne Again shell (bash).

Description :

Bash is a GNU project sh-compatible shell or command language interpreter. Bash (Bourne Again shell) incorporates useful features from the Korn shell (ksh) and the C shell (csh). Most sh scripts can be run by bash without modification.

Bash offers several improvements over sh, including command line editing, unlimited size command history, job control, shell functions and aliases, indexed arrays of unlimited size and integer arithmetic in any base from two to 64. Bash is ultimately intended to conform to the IEEE POSIX P1003.2/ISO 9945.2 Shell and Tools standard.

Bash is the default shell for Red Hat Linux. You should install bash because of its popularity and power. You'll probably end up using it.

Name : ncurses Relocations: (not relocateable)  
Version : 4.2 Vendor: Red Hat Software  
Release : 18 Build Date: Tue Apr 6 10:45:41 1999  
Install date: Fri Oct 1 11:18:46 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: ncurses-4.2-18.src.rpm  
Size : 2679359 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A CRT screen handling and optimization package.

Description :

The curses library routines are a terminal-independent method of updating character screens with reasonable optimization. The ncurses (new curses) library is a freely distributable replacement for the discontinued 4.4BSD classic curses library.

Name : info Relocations: (not relocateable)  
Version : 3.12f Vendor: Red Hat Software  
Release : 4 Build Date: Mon Mar 22 00:22:38 1999  
Install date: Fri Oct 1 11:18:50 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: texinfo-3.12f-4.src.rpm  
Size : 251071 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A stand-alone TTY-based reader for GNU texinfo documentation.

Description :

The GNU project uses the texinfo file format for much of its documentation. The info package provides a standalone TTY-based browser program for viewing texinfo files.

You should install info, because GNU's texinfo documentation is a valuable source of information about the software on your system.

Name : fileutils Relocations: (not relocateable)  
Version : 4.0 Vendor: Red Hat Software  
Release : 1 Build Date: Tue Mar 23 20:34:27 1999  
Install date: Fri Oct 1 11:18:52 1999 Build Host: porky.devel.redhat.com  
Group : Applications/File Source RPM: fileutils-4.0-1.src.rpm  
Size : 1314720 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The GNU versions of common file management utilities.  
Description :

The fileutils package includes a number of GNU versions of common and popular file management utilities. Fileutils includes the following tools: chgrp (changes a file's group ownership), chown (changes a file's ownership), chmod (changes a file's permissions), cp (copies files), dd (copies and converts files), df (shows a filesystem's disk usage), dir (gives a brief directory listing), dircolors (the setup program for the color version of the ls command), du (shows disk usage), install (copies files and sets permissions), ln (creates file links), ls (lists directory contents in color), mkdir (creates directories), mkfifo (creates FIFOs, which are named pipes), mknod (creates special files), mv (renames files), rm (removes/deletes files), rmdir (removes empty directories), sync (synchronizes memory and disk), touch (changes file timestamps), and vdir (provides long directory listings).

You should install the fileutils package, because it includes many file management utilities that you'll use frequently.

Name : mailcap Relocations: (not relocateable)  
Version : 2.0.1 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Mar 29 09:47:27 1999  
Install date: Fri Oct 1 11:18:54 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: mailcap-2.0.1-1.src.rpm  
Size : 35709 License: public domain  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Associates helper applications with particular file types.  
Description :

The mailcap file is used by the metamail program. Metamail reads the mailcap file to determine how it should display non-text or multimedia material. Basically, mailcap associates a particular type of file with a particular program that a mail agent or other program can call in order to handle the file.

Mailcap should be installed to allow certain programs to be able to handle non-text files.

Name : grep Relocations: (not relocateable)  
Version : 2.3 Vendor: Red Hat Software  
Release : 2 Build Date: Sun Mar 21 11:06:18 1999  
Install date: Fri Oct 1 11:18:54 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Text Source RPM: grep-2.3-2.src.rpm  
Size : 294290 License: GPL

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>

Summary : The GNU versions of grep pattern matching utilities.

Description :

The GNU versions of commonly used grep utilities. Grep searches one or more input files for lines which contain a match to a specified pattern and then prints the matching lines. GNU's grep utilities include grep, egrep and fgrep.

You should install grep on your system, because it is a very useful utility for searching through text files, for system administration tasks, etc.

Name : textutils Relocations: (not relocateable)  
Version : 1.22 Vendor: Red Hat Software  
Release : 9 Build Date: Mon Mar 22 00:26:12 1999  
Install date: Fri Oct 1 11:18:56 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Text Source RPM: textutils-1.22-9.src.rpm  
Size : 711024 License: GPL

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>

Summary : A set of GNU text file modifying utilities.

Description :

A set of GNU utilities for modifying the contents of files, including programs for splitting, joining, comparing and modifying files.

Name : apache-devel Relocations: (not relocateable)  
Version : 1.3.9 Vendor: Red Hat Software  
Release : 4 Build Date: Tue Sep 21 09:46:41 1999  
Install date: Thu Jan 6 20:55:01 2000 Build Host: porky.devel.redhat.com  
Group : Development/Libraries Source RPM: apache-1.3.9-4.src.rpm  
Size : 348604 License: Freely distributable and usable

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>

Summary : Development tools for the Apache Web server.

Description :

The apache-devel package contains the source code for the Apache Web server and the APXS binary you'll need to build Dynamic Shared Objects (DSOs) for Apache.

If you are installing the Apache Web server, and you want to be able to compile or develop additional modules for Apache, you'll need to install this package.

Name : apmd Relocations: (not relocateable)

Version : 3.0beta5 Vendor: Red Hat Software  
Release : 7 Build Date: Sat Apr 17 02:33:28 1999  
Install date: Fri Oct 1 11:19:05 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: apmd-3.0beta5-7.src.rpm  
Size : 55912 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Advanced Power Management (APM) BIOS utilities for laptops.  
Description :  
This is a Advanced Power Management daemon and utilities.  
It can watch your notebook's battery and warn all users when the battery is low.

Patches to Rik Faith's original version have been added for shutting down the PCMCIA sockets before a suspend.

Name : ash Relocations: (not relocateable)  
Version : 0.2 Vendor: Red Hat Software  
Release : 17 Build Date: Sun Mar 21 13:26:19 1999  
Install date: Fri Oct 1 11:19:06 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Shells Source RPM: ash-0.2-17.src.rpm  
Size : 369981 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A smaller version of the Bourne shell.  
Description :  
The ash shell is a clone of Berkeley's Bourne shell. Ash supports all of the standard sh shell commands, but is considerably smaller than bash. The ash shell lacks some features (for example, command-line histories), but needs a lot less memory.

You should install ash if you need a lightweight shell with many of the same capabilities as the bash shell.

Name : at Relocations: (not relocateable)  
Version : 3.1.7 Vendor: Red Hat Software  
Release : 8 Build Date: Sun Mar 21 13:26:59 1999  
Install date: Fri Oct 1 11:19:07 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: at-3.1.7-8.src.rpm  
Size : 65969 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Job spooling tools.  
Description :  
At and batch read commands from standard input or from a specified file. At allows you to specify that a command will be run at a particular time (now or a specified time in the future). Batch will execute commands when the system load levels drop to a particular level. Both commands use /bin/sh to run the commands.

You should install the at package if you need a utility that will do

time-oriented job control. Note: you should use crontab instead, if it is a recurring job that will need to be repeated at the same time every day/week/etc.

Name : audiofile Relocations: (not relocateable)  
Version : 0.1.6 Vendor: Red Hat Software  
Release : 5 Build Date: Sun Apr 18 16:55:39 1999  
Install date: Fri Oct 1 11:19:08 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: audiofile-0.1.6-5.src.rpm  
Size : 184746 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Library to handle various audio file formats.

Description :

Library to handle various audio file formats.

Used by the esound daemon.

Name : aumix Relocations: (not relocateable)  
Version : 1.18.2 Vendor: Red Hat Software  
Release : 2 Build Date: Sun Mar 21 13:27:34 1999  
Install date: Fri Oct 1 11:19:08 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: aumix-1.18.2-2.src.rpm  
Size : 67425 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : An ncurses-based audio mixer.

Description :

Aumix is a tty based, interactive method of controlling a sound card mixer. It lets you adjust the input levels from the CD, microphone, and on board synthesizers, as well as the output volume. Aumix can adjust audio mixers from the command line, from a script, or interactively at the console or terminal with a full-screen ncurses-based interface.

Install aumix if you need to control an audio mixer. If you install aumix, you will also need to install ncurses (since aumix's interface is based on ncurses) and gpm (for mouse support).

Name : authconfig Relocations: (not relocateable)  
Version : 1.8 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 05:41:43 1999  
Install date: Fri Oct 1 11:19:08 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: authconfig-1.8-1.src.rpm  
Size : 28150 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Text-mode tool for setting up NIS and shadow passwords.

Description :

Authconfig is a terminal mode program for setting up Network Information Service (NIS) and shadow (more secure) passwords on your system. Authconfig also configures the system to automatically turn on NIS at system startup.

Name : awesfx Relocations: /usr

Version : 0.4.3a Vendor: Red Hat Software  
Release : 2 Build Date: Sun Mar 21 13:29:56 1999  
Install date: Fri Oct 1 11:19:09 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: awesfx-0.4.3a-2.src.rpm  
Size : 306932 License: GPL/distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://bahamut.mm.t.u-tokyo.ac.jp/~iwai/awedrv/index.html>  
Summary : Utility programs for the AWE32 sound driver.  
Description :  
The awesfx package contains necessary utilities for the AWE32 sound driver.

If you must use an AWE32 sound driver, you should install this package.

Name : bc Relocations: (not relocateable)  
Version : 1.05a Vendor: Red Hat Software  
Release : 4 Build Date: Sun Mar 21 13:34:59 1999  
Install date: Fri Oct 1 11:19:11 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Engineering Source RPM: bc-1.05a-4.src.rpm  
Size : 131945 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : GNU's bc (a numeric processing language) and dc (a calculator).  
Description :  
The bc package includes bc and dc. Bc is an arbitrary precision numeric processing arithmetic language. Dc is an interactive arbitrary precision stack based calculator, which can be used as a text mode calculator.

Install the bc package if you need its number handling capabilities or if you would like to use its text mode calculator.

Name : bdflush Relocations: (not relocateable)  
Version : 1.5 Vendor: Red Hat Software  
Release : 10 Build Date: Sun Mar 21 10:50:20 1999  
Install date: Fri Oct 1 11:19:11 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: bdflush-1.5-10.src.rpm  
Size : 11030 License: None  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The process which starts the flushing of dirty buffers back to disk.  
Description :  
The bdflush process starts the kernel daemon which flushes dirty buffers back to disk (i.e., writes all unwritten data to disk). This helps to prevent the buffers from growing too stale.

Bdflush is a basic system process that must run for your system to operate properly.

Name : bind-utils Relocations: (not relocateable)  
Version : 8.2 Vendor: Red Hat Software

Release : 6 Build Date: Wed Mar 31 09:57:15 1999  
Install date: Fri Oct 1 11:19:13 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: bind-8.2-6.src.rpm  
Size : 1352695 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.isc.org/bind.html>  
Summary : DNS utilities: host, dig, dnsquery, and nslookup.  
Description :

Bind-utils contains a collection of utilities for querying DNS (Domain Name Service) name servers to find out information about Internet hosts. These tools will provide you with the IP addresses for given host names, as well as other information about registered domains and network addresses.

You should install bind-utils if you need to get information from DNS name servers.

Name : binutils Relocations: (not relocateable)  
Version : 2.9.1.0.23 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 5 20:08:54 1999  
Install date: Fri Oct 1 11:19:17 1999 Build Host: porky.devel.redhat.com  
Group : Development/Tools Source RPM: binutils-2.9.1.0.23-1.src.rpm  
Size : 5292774 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A GNU collection of binary utilities.

Description :  
Binutils is a collection of binary utilities, including ar (for creating, modifying and extracting from archives), nm (for listing symbols from object files), objcopy (for copying and translating object files), objdump (for displaying information from object files), ranlib (for generating an index for the contents of an archive), size (for listing the section sizes of an object or archive file), strings (for listing printable strings from files), strip (for discarding symbols), c++filt (a filter for demangling encoded C++ symbols), addr2line (for converting addresses to file and line), and nbncnv (for converting object code into an NLM).

Install binutils if you need to perform any of these types of actions on binary files. Most programmers will want to install binutils.

Name : cdp Relocations: (not relocateable)  
Version : 0.33 Vendor: Red Hat Software  
Release : 12 Build Date: Sun Mar 21 13:50:10 1999  
Install date: Fri Oct 1 11:19:21 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: cdp-0.33-12.src.rpm  
Size : 40341 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : An interactive text-mode program for controlling audio CD-ROMs.

Description :

The cdp program plays audio CDs in your computer's CD-ROM drive. Cdp includes a full-screen interface version and a command line version.

Install cdp to play audio CDs on your system.

Name : chkfontpath Relocations: (not relocateable)  
Version : 1.4.1 Vendor: Red Hat Software  
Release : 1 Build Date: Wed Apr 14 14:42:08 1999  
Install date: Fri Oct 1 11:19:22 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: chkfontpath-1.4.1-1.src.rpm  
Size : 18939 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Simple interface for editing the font path for the X font server.

Description :

This is a simple terminal mode program for adding, removing and listing the directories contained in the X font server's path. It is mostly intended to be used 'internally' by RPM when packages with fonts are added or removed, but it may be useful as a stand-alone utility in some instances.

Name : sed Relocations: /usr  
Version : 3.02 Vendor: Red Hat Software  
Release : 4 Build Date: Sun Mar 21 22:21:55 1999  
Install date: Fri Oct 1 11:19:22 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Text Source RPM: sed-3.02-4.src.rpm  
Size : 69732 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A GNU stream text editor.

Description :

The sed (Stream EDitor) editor is a stream or batch (non-interactive) editor. Sed takes text as input, performs an operation or set of operations on the text and outputs the modified text. The operations that sed performs (substitutions, deletions, insertions, etc.) can be specified in a script file or from the command line.

Name : console-tools Relocations: (not relocateable)  
Version : 19990302 Vendor: Red Hat Software  
Release : 13 Build Date: Thu Apr 15 11:31:28 1999  
Install date: Fri Oct 1 11:19:29 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: console-tools-19990302-13.src.rpm  
Size : 1495249 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.multimania.com/ydirson/en/lct/>  
Summary : Linux console tools

Description :

This package contains utilities to load console fonts and keyboard maps. It also includes a number of different fonts

and keyboard maps.

Name : control-center Relocations: (not relocateable)  
Version : 1.0.5 Vendor: Red Hat Software  
Release : 20 Build Date: Fri Apr 16 17:07:43 1999  
Install date: Fri Oct 1 11:19:36 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: control-center-1.0.5-20.src.rpm  
Size : 1009554 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gnome.org>  
Summary : The GNOME control center.  
Description :  
Control-center is a configuration tool for easily  
setting up your GNOME environment.

GNOME is the GNU Network Object Model Environment. That's a fancy name, but really GNOME is a nice GUI desktop environment.

It's a powerful, easy to configure environment which helps to make your computer easy to use.

Name : control-panel Relocations: (not relocateable)  
Version : 3.11 Vendor: Red Hat Software  
Release : 2 Build Date: Mon Apr 5 18:23:16 1999  
Install date: Fri Oct 1 11:19:39 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: control-panel-3.11-2.src.rpm  
Size : 179744 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A Red Hat program launcher for the X Window System.  
Description :  
The Red Hat control panel is an X program launcher for the X Window System. Both convenient and pleasing, the Red Hat control panel allows you easy access to numerous X-based system administration tools included in your Red Hat Linux system.

Eventually, you'll want to work with many of your system administration tools; this package helps you locate and launch many of them.

Name : e2fsprogs Relocations: (not relocateable)  
Version : 1.14 Vendor: Red Hat Software  
Release : 4 Build Date: Sun Mar 21 14:13:05 1999  
Install date: Fri Oct 1 11:19:40 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: e2fsprogs-1.14-4.src.rpm  
Size : 1161973 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Utilities used for the second extended (ext2) filesystem.

Description :

The e2fsprogs package contains a number of utilities for creating, checking, modifying and correcting any inconsistencies in second extended (ext2) filesystems. E2fsprogs contains e2fsck (used to repair filesystem inconsistencies after an unclean shutdown), mke2fs (used to initialize a partition to contain an empty ext2 filesystem), debugfs (used to examine the internal structure of a filesystem, to manually repair a corrupted filesystem or to create test cases for e2fsck), tune2fs (used to modify filesystem parameters) and most of the other core ext2fs filesystem utilities.

You should install the e2fsprogs package if you need to manage the performance of an ext2 filesystem.

Name : rmt Relocations: (not relocateable)  
Version : 0.4b4 Vendor: Red Hat Software  
Release : 7 Build Date: Sun Mar 28 19:39:16 1999  
Install date: Fri Oct 1 11:19:41 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Archiving Source RPM: dump-0.4b4-7.src.rpm  
Size : 12380 License: UCB  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Provides certain programs with access to remote tape devices.

Description :

The rmt utility provides remote access to tape devices for programs like dump (a filesystem backup program), restore (a program for restoring files from a backup) and tar (an archiving program).

Name : cpio Relocations: (not relocateable)  
Version : 2.4.2 Vendor: Red Hat Software  
Release : 12 Build Date: Sun Mar 21 10:51:39 1999  
Install date: Fri Oct 1 11:19:42 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Archiving Source RPM: cpio-2.4.2-12.src.rpm  
Size : 71934 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A GNU archiving program.

Description :

GNU cpio copies files into or out of a cpio or tar archive. Archives are files which contain a collection of other files plus information about them, such as their file name, owner, timestamps, and access permissions. The archive can be another file on the disk, a magnetic tape, or a pipe. GNU cpio supports the following archive formats: binary, old ASCII, new ASCII, crc, HPUX binary, HPUX old ASCII, old tar and POSIX.1 tar. By default, cpio creates binary format archives, so that they are compatible with older cpio programs. When it is extracting files from archives, cpio automatically recognizes which kind of archive it is reading and can read archives created on machines with a different byte-order.

Install cpio if you need a program to manage file archives.

Name : cracklib Relocations: (not relocateable)  
Version : 2.7 Vendor: Red Hat Software  
Release : 5 Build Date: Tue Apr 6 10:19:11 1999  
Install date: Fri Oct 1 11:19:43 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: cracklib-2.7-5.src.rpm  
Size : 76150 License: artistic  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <ftp://coast.cs.purdue.edu/pub/tools/unix/cracklib/>  
Summary : A password-checking library.

Description :

CrackLib tests passwords to determine whether they match certain security-oriented characteristics. You can use CrackLib to stop users from choosing passwords which would be easy to guess. CrackLib performs certain tests:

- \* It tries to generate words from a username and gecos entry and checks those words against the password;
- \* It checks for simplistic patterns in passwords;
- \* It checks for the password in a dictionary.

CrackLib is actually a library containing a particular C function which is used to check the password, as well as other C functions. CrackLib is not a replacement for a passwd program; it must be used in conjunction with an existing passwd program.

Install the cracklib package if you need a program to check users' passwords to see if they are at least minimally secure. If you install CrackLib, you'll also want to install the cracklib-dicts package.

Name : cracklib-dicts Relocations: (not relocateable)  
Version : 2.7 Vendor: Red Hat Software  
Release : 5 Build Date: Tue Apr 6 10:19:11 1999  
Install date: Fri Oct 1 11:19:43 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: cracklib-2.7-5.src.rpm  
Size : 231867 License: artistic  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <ftp://coast.cs.purdue.edu/pub/tools/unix/cracklib/>  
Summary : The standard CrackLib dictionaries.

Description :

The cracklib-dicts package includes the CrackLib dictionaries. CrackLib will need to use the dictionary appropriate to your system, which is normally put in /usr/dict/words. Cracklib-dicts also contains the utilities necessary for the creation of new dictionaries.

If you are installing CrackLib, you should also install cracklib-dicts.

Name : crontabs Relocations: (not relocateable)  
Version : 1.7 Vendor: Red Hat Software  
Release : 6 Build Date: Thu Apr 15 09:00:31 1999  
Install date: Fri Oct 1 11:19:43 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: crontabs-1.7-6.src.rpm  
Size : 4856 License: public domain  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Root crontab files used to schedule the execution of programs.

Description :

The crontabs package contains root crontab files. Crontab is the program used to install, uninstall or list the tables used to drive the cron daemon. The cron daemon checks the crontab files to see when particular commands are scheduled to be executed. If commands are scheduled, it executes them.

Crontabs handles a basic system function, so it should be installed on your system.

Name : desktop-backgrounds Relocations: (not relocateable)  
Version : 1.0.0 Vendor: Red Hat Software  
Release : 6 Build Date: Thu Apr 15 13:00:15 1999  
Install date: Fri Oct 1 11:20:01 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: desktop-backgrounds-1.0.0-6.src.rpm  
Size : 10443462 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Desktop Background Images.

Description :

If you use a desktop environment like GNOME you can use these images to spruce up your background.

Name : shadow-utils Relocations: (not relocateable)  
Version : 980403 Vendor: Red Hat Software  
Release : 12 Build Date: Thu Apr 15 19:03:11 1999  
Install date: Fri Oct 1 11:20:06 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: shadow-utils-980403-12.src.rpm  
Size : 598890 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Utilities for managing shadow password files and user/group accounts.

Description :

The shadow-utils package includes the necessary programs for converting UNIX password files to the shadow password format, plus programs for managing user and group accounts. The pwconv command converts passwords to the shadow password format. The pwunconv command unconverts shadow passwords and generates an npasswd file (a standard UNIX password file). The pwck command checks the integrity of password and shadow files. The lastlog command prints out the last login times for all users. The useradd, userdel and usermod commands

are used for managing user accounts. The groupadd, groupdel and groupmod commands are used for managing group accounts.

Name : dev Relocations: /dev  
Version : 2.7.7 Vendor: Red Hat Software  
Release : 1 Build Date: Sat Apr 17 15:12:46 1999  
Install date: Fri Oct 1 11:20:23 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: dev-2.7.7-1.src.rpm  
Size : 46195 License: public domain  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The most commonly-used entries in the /dev directory.  
Description :

The Red Hat Linux operating system uses file system entries to represent devices (CD-ROMs, floppy drives, etc.) attached to the machine. All of these entries are in the /dev tree (although they don't have to be). This package contains the most commonly used /dev entries.

The dev package is a basic part of your Red Hat Linux system and it needs to be installed.

Name : diffutils Relocations: /usr  
Version : 2.7 Vendor: Red Hat Software  
Release : 16 Build Date: Mon Apr 19 13:15:56 1999  
Install date: Fri Oct 1 11:20:26 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Text Source RPM: diffutils-2.7-16.src.rpm  
Size : 165662 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A GNU collection of diff utilities.

Description :  
Diffutils includes four utilities: diff, cmp, diff3 and sdiff. Diff compares two files and shows the differences, line by line. The cmp command shows the offset and line numbers where two files differ, or cmp can show the characters that differ between the two files. The diff3 command shows the differences between three files. Diff3 can be used when two people have made independent changes to a common original; diff3 can produce a merged file that contains both persons' changes and warnings about conflicts. The sdiff command can be used to merge two files interactively.

Install diffutils if you need to compare text files.

Name : dosemu Relocations: (not relocateable)  
Version : 0.99.10 Vendor: Red Hat Software  
Release : 4 Build Date: Wed Mar 31 14:07:06 1999  
Install date: Fri Oct 1 11:20:29 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Emulators Source RPM: dosemu-0.99.10-4.src.rpm  
Size : 1855881 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.dosemu.org>

Summary : A DOS emulator.

Description :

Dosemu is a DOS emulator. Once you've installed dosemu, start the DOS emulator by typing in the dos command.

You need to install dosemu if you use DOS programs and you want to be able to run them on your Red Hat Linux system. You may also need to install the dosemu-freedos package.

Name : ed Relocations: (not relocateable)  
Version : 0.2 Vendor: Red Hat Software  
Release : 12 Build Date: Tue Mar 23 10:21:16 1999  
Install date: Fri Oct 1 11:20:29 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Text Source RPM: ed-0.2-12.src.rpm  
Size : 104998 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The GNU line editor.

Description :

Ed is a line-oriented text editor, used to create, display, and modify text files (both interactively and via shell scripts). For most purposes, ed has been replaced in normal usage by full-screen editors (emacs and vi, for example).

Ed was the original UNIX editor, and may be used by some programs. In general, however, you probably don't need to install it and you probably won't use it much.

Name : ee Relocations: (not relocateable)  
Version : 0.3.8 Vendor: Red Hat Software  
Release : 7 Build Date: Fri Mar 19 13:59:32 1999  
Install date: Fri Oct 1 11:20:31 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: ee-0.3.8-7.src.rpm  
Size : 460989 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.gnome.org>  
Summary : The Electric Eyes image viewer application.

Description :

The ee package contains the Electric Eyes image viewer for the GNOME desktop environment. Electric Eyes is primary an image viewer, but it also allows many types of image manipulations. Electric Eyes can handle almost any type of image.

Install the ee package if you need an image viewer.

Name : eject Relocations: (not relocateable)  
Version : 2.0.2 Vendor: Red Hat Software  
Release : 3 Build Date: Sun Mar 21 14:41:16 1999  
Install date: Fri Oct 1 11:20:31 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: eject-2.0.2-3.src.rpm

Size : 47580 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A program that ejects removable media using software control.  
Description :

The eject program allows the user to eject removable media (typically CD-ROMs, floppy disks or Iomega Jaz or Zip disks) using software control. Eject can also control some multi-disk CD changers and even some devices' auto-eject features.

Install eject if you'd like to eject removable media using software control.

Name : elm Relocations: (not relocateable)  
Version : 2.5.0 Vendor: Red Hat Software  
Release : 0.2pre8 Build Date: Sun Mar 14 15:09:38 1999  
Install date: Fri Oct 1 11:20:32 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: elm-2.5.0-0.2pre8.src.rpm  
Size : 631687 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.myxa.com/elm.html>  
Summary : The elm mail user agent.

Description :

Elm is a popular terminal mode email user agent. Elm includes all standard mailhandling features, including MIME support via metamail.

Elm is still used by some people, but is no longer in development. If you've used Elm before and you're devoted to it, you should install the elm package. If you would like to use metamail's MIME support, you'll also need to install the metamail package.

Name : emacs Relocations: (not relocateable)  
Version : 20.3 Vendor: Red Hat Software  
Release : 15 Build Date: Mon Apr 19 11:24:44 1999  
Install date: Fri Oct 1 11:20:54 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Editors Source RPM: emacs-20.3-15.src.rpm  
Size : 17813277 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The libraries needed to run the GNU Emacs text editor.

Description :

Emacs is a powerful, customizable, self-documenting, modeless text editor. Emacs contains special code editing features, a scripting language (elisp), and the capability to read mail, news and more without leaving the editor.

This package includes the libraries you need to run the Emacs editor, so you need to install this package if you intend to use Emacs. You also need to install the actual Emacs program package (emacs-nox or emacs-X11). Install emacs-nox if you are not going to use the X Window System; install

emacs-X11 if you will be using X.

Name : emacs-nox Relocations: (not relocateable)  
Version : 20.3 Vendor: Red Hat Software  
Release : 15 Build Date: Mon Apr 19 11:24:44 1999  
Install date: Fri Oct 1 11:21:03 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Editors Source RPM: emacs-20.3-15.src.rpm  
Size : 2853304 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The Emacs text editor without support for the X Window System.  
Description :  
Emacs-nox is the Emacs text editor program without support for the X Window System.

You need to install this package only if you plan on exclusively using Emacs without the X Window System (emacs-X11 will work both in X and out of X, but emacs-nox will only work outside of X). You'll also need to install the emacs package in order to run Emacs.

Name : emacs-X11 Relocations: (not relocateable)  
Version : 20.3 Vendor: Red Hat Software  
Release : 15 Build Date: Mon Apr 19 11:24:44 1999  
Install date: Fri Oct 1 11:21:06 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Editors Source RPM: emacs-20.3-15.src.rpm  
Size : 6798023 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The Emacs text editor for the X Window System.  
Description :  
Emacs-X11 includes the Emacs text editor program for use with the X Window System (it provides support for the mouse and other GUI elements). Emacs-X11 will also run Emacs outside of X, but it has a larger memory footprint than the 'non-X' Emacs package (emacs-nox).

Install emacs-X11 if you're going to use Emacs with the X Window System. You should also install emacs-X11 if you're going to run Emacs both with and without X (it will work fine both ways). You'll also need to install the emacs package in order to run Emacs.

Name : enlightenment Relocations: (not relocateable)  
Version : 0.15.5 Vendor: Red Hat Software  
Release : 32 Build Date: Mon Apr 19 14:03:15 1999  
Install date: Fri Oct 1 11:21:13 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: enlightenment-0.15.5-32.src.rpm  
Size : 3928039 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.enlightenment.org/>  
Summary : The Enlightenment window manager.  
Description :

Enlightenment is a window manager for the X Window System that is designed to be powerful, extensible, configurable and pretty darned good looking! It is one of the more graphically intense window managers.

Enlightenment goes beyond managing windows by providing a useful and appealing graphical shell from which to work. It is open in design and instead of dictating a policy, allows the user to define their own policy, down to every last detail.

This package will install the Enlightenment window manager.

Name : enlightenment-conf Relocations: (not relocateable)  
Version : 0.15 Vendor: Red Hat Software  
Release : 5 Build Date: Wed Apr 7 21:03:38 1999  
Install date: Fri Oct 1 11:21:15 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: enlightenment-conf-0.15-5.src.rpm  
Size : 393647 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.rasterman.com>  
Summary : Enlightenment Configuration applet.

Description :

A Configuration tool for easily setting up Enlightenment

Name : esound Relocations: (not relocateable)  
Version : 0.2.12 Vendor: Red Hat Software  
Release : 4 Build Date: Mon Apr 19 09:55:14 1999  
Install date: Fri Oct 1 11:21:19 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: esound-0.2.12-4.src.rpm  
Size : 188136 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The Enlightened Sound Daemon.

Description :

Esound -- the Enlightened Sound Daemon -- is a server process that allows multiple applications to share a single sound card. For example, when you're listening to music from your CD and you receive a sound-related event from ICQ, your applications won't have to jockey for the attention of your sound card.

Esound mixes several audio streams for playback by a single audio device.

Install esound if you'd like to allow for such event sharing by your audio device.

Name : etcskel Relocations: (not relocateable)  
Version : 2.0 Vendor: Red Hat Software  
Release : 1 Build Date: Fri Apr 16 21:16:02 1999  
Install date: Fri Oct 1 11:21:20 1999 Build Host: porky.devel.redhat.com

Group : System Environment/Base Source RPM: etcskel-2.0-1.src.rpm  
Size : 2824 License: public domain  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Red Hat Linux default files for new users' home directories.  
Description :

The etcskel package is part of the basic Red Hat system. Etskel provides the /etc/skel directory's files. These files (.Xdefaults, .bash\_logout, .bash\_profile, .bashrc) are then placed in every new user's home directory when new accounts are created.

Name : exmh Relocations: (not relocateable)  
Version : 2.0.2 Vendor: Red Hat Software  
Release : 7 Build Date: Sat Apr 10 14:28:10 1999  
Install date: Fri Oct 1 11:21:22 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: exmh-2.0.2-7.src.rpm  
Size : 1857817 License: freeware  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.beedub.com/exmh/>  
Summary : The exmh mail handling system.

Description :

Exmh provides an X interface for MH/nmh mail, a feature-rich email handling system. Exmh supports almost all (but not all) of MH's features: viewing the messages in a folder, reading/deleting/refiling messages, and sorting arriving mail into different folders before the messages are read. Exmh highlights which folders have new mail, and indicates which messages have not been read (so you don't lose the sorted, unread mail).

If you like MH/nmh mail, you should install exmh, because it makes the MH/nmh mail system much more user friendly. You may also want to use exmh if you prefer a graphical user interface for your mail client. Note that you will also have to install the nmh package.

Name : expect Relocations: (not relocateable)  
Version : 5.28 Vendor: Red Hat Software  
Release : 29 Build Date: Thu Apr 8 17:14:28 1999  
Install date: Fri Oct 1 11:21:26 1999 Build Host: porky.devel.redhat.com  
Group : Development/Languages Source RPM: tcltk-8.0.4-29.src.rpm  
Size : 757304 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A tcl extension for simplifying program-script interaction.

Description :

Expect is a tcl extension for automating interactive applications such as telnet, ftp, passwd, fsck, rlogin, tip, etc. Expect is also useful for testing the named applications. Expect makes it easy for a script to control another program and interact with it.

Install the expect package if you'd like to develop scripts which interact

with interactive applications. You'll also need to install the tel package.

Name : fetchmail Relocations: (not relocateable)  
Version : 5.0.0 Vendor: Red Hat Software  
Release : 1 Build Date: Fri Apr 9 02:40:25 1999  
Install date: Fri Oct 1 11:21:28 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: fetchmail-5.0.0-1.src.rpm  
Size : 565413 License: freely redistributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A remote mail retrieval and forwarding utility.

Description :

Fetchmail is a remote mail retrieval and forwarding utility intended for use over on-demand TCP/IP links, like SLIP or PPP connections. Fetchmail supports every remote-mail protocol currently in use on the Internet (POP2, POP3, RPOP, APOP, KPOP, all IMAPs, ESMTP ETRN) for retrieval. Then Fetchmail forwards the mail through SMTP, so you can read it through your normal mail client.

Install fetchmail if you need to retrieve mail over SLIP or PPP connections.

Name : file Relocations: /usr  
Version : 3.26 Vendor: Red Hat Software  
Release : 6 Build Date: Mon Mar 22 15:32:29 1999  
Install date: Fri Oct 1 11:21:29 1999 Build Host: porky.devel.redhat.com  
Group : Applications/File Source RPM: file-3.26-6.src.rpm  
Size : 211946 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A utility for determining file types.

Description :

The file command is used to identify a particular file according to the type of data contained by the file. File can identify many different file types, including ELF binaries, system libraries, RPM packages, and different graphics formats.

You should install the file package, since the file command is such a useful utility.

Name : findutils Relocations: /usr  
Version : 4.1 Vendor: Red Hat Software  
Release : 31 Build Date: Mon Mar 29 16:05:02 1999  
Install date: Fri Oct 1 11:21:29 1999 Build Host: porky.devel.redhat.com  
Group : Applications/File Source RPM: findutils-4.1-31.src.rpm  
Size : 121756 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The GNU versions of find utilities (find, xargs, and locate).

Description :

The findutils package contains programs which will help you locate files

on your system. The find utility searches through a hierarchy of directories looking for files which match a certain set of criteria (such as a filename pattern). The locate utility searches a database (create by updatedb) to quickly find a file matching a given pattern. The xargs utility builds and executes command lines from standard input arguments (usually lists of file names generated by the find command).

You should install findutils because it includes tools that are very useful for finding things on your system.

```
Name      : finger                Relocations: (not relocateable)
Version   : 0.10                  Vendor: Red Hat Software
Release   : 24                    Build Date: Thu Apr  8 13:54:27 1999
Install date: Fri Oct  1 11:21:31 1999  Build Host: porky.devel.redhat.com
Group     : Applications/Internet  Source RPM: finger-0.10-24.src.rpm
Size      : 33535                  License: BSD
Packager  : Red Hat Software <http://developer.redhat.com/bugzilla>
Summary   : The finger client and server.
```

Description :

Finger is a utility which allows users to see information about system users (login name, home directory, name, how long they've been logged in to the system, etc.). The finger package includes a standard finger client and server. The server daemon (fingerd) runs from /etc/inetd.conf, which must be modified to disable finger requests.

You should install finger if your system is used by multiple users and you'd like finger information to be available.

```
Name      : fnlib                Relocations: (not relocateable)
Version   : 0.4                  Vendor: Red Hat Software
Release   : 8                     Build Date: Wed Apr  7 11:03:13 1999
Install date: Fri Oct  1 11:21:32 1999  Build Host: porky.devel.redhat.com
Group     : System Environment/Libraries  Source RPM: fnlib-0.4-8.src.rpm
Size      : 360947                License: LGPL
Packager  : Red Hat Software <http://developer.redhat.com/bugzilla>
URL       : http://www.rasterman.com/
Summary   : Color font rendering library for X11R6.
```

Description :

Fnlib is a library that provides full, scalable 24-bit color font rendering abilities for X.

```
Name      : freetype             Relocations: (not relocateable)
Version   : 1.2                  Vendor: Red Hat Software
Release   : 6                     Build Date: Mon Mar 22 10:55:48 1999
Install date: Fri Oct  1 11:21:35 1999  Build Host: porky.devel.redhat.com
Group     : System Environment/Libraries  Source RPM: freetype-1.2-6.src.rpm
Size      : 960375                License: BSDish
Packager  : Red Hat Software <http://developer.redhat.com/bugzilla/>
Summary   : Free TrueType font rasterizer library.
```

Description :

The FreeType engine is a free and portable TrueType font rendering engine. It has been developed to provide TT support to a great variety of platforms and environments. Note that FreeType is a library, not a stand-alone application, though some utility applications are included.

Name : ftp Relocations: (not relocateable)  
Version : 0.10 Vendor: Red Hat Software  
Release : 22 Build Date: Sun Mar 21 15:16:22 1999  
Install date: Fri Oct 1 11:21:35 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: ftp-0.10-22.src.rpm  
Size : 91471 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The standard UNIX FTP (file transfer protocol) client.

Description :

The ftp package provides the standard UNIX command-line FTP client. FTP is the file transfer protocol, which is a widely used Internet protocol for transferring files and for archiving files.

If your system is on a network, you should install ftp in order to do file transfers.

Name : fvwm Relocations: (not relocateable)  
Version : 1.24r Vendor: Red Hat Software  
Release : 17 Build Date: Sun Mar 21 15:17:55 1999  
Install date: Fri Oct 1 11:21:37 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: fvwm-1.24r-17.src.rpm  
Size : 587364 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : An X Window System based window manager.

Description :

FVWM (the F stands for whatever you want, but the VWM stands for Virtual Window Manager) is a window manager for the X Window System. FVWM was derived from the twm window manager. FVWM is designed to minimize memory consumption, to provide window frames with a 3D look, and to provide a simple virtual desktop. FVWM can be configured to look like Motif.

Install the fvwm package if you'd like to use the FVWM window manager. If you install fvwm, you'll also need to install fvwm2-icons.

Name : fvwm2 Relocations: (not relocateable)  
Version : 2.2 Vendor: Red Hat Software  
Release : 5 Build Date: Fri Apr 9 15:18:03 1999  
Install date: Fri Oct 1 11:21:40 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: fvwm2-2.2-5.src.rpm  
Size : 1772444 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://fvwm.math.uh.edu/>

Summary : An improved version of the FVWM X-based window manager.

Description :

FVWM2 (the F stands for whatever you want, but the VWM stands for Virtual Window Manager) is an improved version of the FVWM window manager for the X Window System and shares the same characteristics as FVWM.

Install the fvwm2 package if you'd like to use the FVWM2 window manager.

If you install fvwm2, you'll also need to install fvwm2-icons.

Name : fvwm2-icons Relocations: (not relocateable)  
Version : 2.2 Vendor: Red Hat Software  
Release : 5 Build Date: Fri Apr 9 15:18:03 1999  
Install date: Fri Oct 1 11:21:41 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: fvwm2-2.2-5.src.rpm  
Size : 455828 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://fvwm.math.uh.edu/>

Summary : Graphic files used by the FVWM and FVWM2 window managers.

Description :

The fvwm2-icons package contains icons, bitmaps and pixmaps used by the FVWM and FVWM2 X Window System window managers.

You'll need to install fvwm2-icons if you are installing fvwm and/or fvwm2.

Name : fwwhois Relocations: /usr  
Version : 1.00 Vendor: Red Hat Software  
Release : 11 Build Date: Sun Mar 21 15:36:16 1999  
Install date: Fri Oct 1 11:21:41 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: fwwhois-1.00-11.src.rpm  
Size : 8403 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A finger-style whois program.

Description :

The fwwhois program is a different style of the whois program. Both fwwhois and whois query Internet whois databases to find information about system users. Fwhois is smaller and more compact than whois, and runs in a different manner.

Install fwwhois if you or your system's users need a program for querying whois databases. You may also want to install whois, and then decide for yourself which program you prefer.

Name : gawk Relocations: (not relocateable)  
Version : 3.0.3 Vendor: Red Hat Software  
Release : 7 Build Date: Tue Apr 6 10:25:29 1999  
Install date: Fri Oct 1 11:21:44 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Text Source RPM: gawk-3.0.3-7.src.rpm

Size : 2335181 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The GNU version of the awk text processing utility.  
Description :

The gawk packages contains the GNU version of awk, a text processing utility. Awk interprets a special-purpose programming language to do quick and easy text pattern matching and reformatting jobs. Gawk should be upwardly compatible with the Bell Labs research version of awk and is almost completely compliant with the 1993 POSIX 1003.2 standard for awk.

Install the gawk package if you need a text processing utility. Gawk is considered to be a standard Linux tool for processing text.

Name : gd Relocations: /usr  
Version : 1.3 Vendor: Red Hat Software  
Release : 5 Build Date: Sun Mar 21 11:01:08 1999  
Install date: Fri Oct 1 11:21:45 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: gd-1.3-5.src.rpm  
Size : 322078 License: BSD-style  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A graphics library for drawing .gif files.

Description :

Gd is a graphics library for drawing .gif files. Gd allows your code to quickly draw images (lines, arcs, text, multiple colors, cutting and pasting from other images, flood fills) and write out the result as a .gif file. Gd is particularly useful in web applications, where .gifs are commonly used as inline images. Note, however, that gd is not a paint program.

Install gd if you are developing applications which need to draw .gif files. If you install gd, you'll also need to install the gd-devel package.

Name : gdbm Relocations: (not relocateable)  
Version : 1.7.3 Vendor: Red Hat Software  
Release : 19 Build Date: Sun Mar 21 09:56:21 1999  
Install date: Fri Oct 1 11:21:45 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: gdbm-1.7.3-19.src.rpm  
Size : 29117 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A GNU set of database routines which use extensible hashing.

Description :

Gdbm is a GNU database indexing library, including routines which use extensible hashing. Gdbm works in a similar way to standard UNIX dbm routines. Gdbm is useful for developers who write C applications and need access to a simple and efficient database or who are building C applications which will use such a database.

If you're a C developer and your programs need access to simple database routines, you should install gdm. You'll also need to install gdm-devel.

Name : gdm Relocations: (not relocateable)  
Version : 1.0.0 Vendor: Red Hat Software  
Release : 35 Build Date: Mon Apr 19 15:44:06 1999  
Install date: Fri Oct 1 11:21:49 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/X Source RPM: gdm-1.0.0-35.src.rpm  
Size : 250783 License: LGPL/GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : GNOME Display Manager.

Description :

GNOME Display Manager allows you to log into your system with the X Window System running. It is highly configurable, allowing you to run several different X sessions at once on your local machine, and can manage login connections from remote machines as well.

Name : gedit Relocations: (not relocateable)  
Version : 0.5.1 Vendor: Red Hat Software  
Release : 3 Build Date: Fri Apr 9 21:24:11 1999  
Install date: Fri Oct 1 11:21:51 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Editors Source RPM: gedit-0.5.1-3.src.rpm  
Size : 348526 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://gedit.pn.org/>  
Summary : gEdit is a small but powerful text editor for GNOME.

Description :

gEdit is a small but powerful text editor designed expressly for GNOME.

It includes such features as split-screen mode, a plugin API, which allows gEdit to be extended to support many features while remaining small at its core, multiple document editing through the use of a 'tabbed' notebook and many more functions.

GNOME is required to use gEdit (Gnome-Libs and Gtk+).

Name : getty\_ps Relocations: (not relocateable)  
Version : 2.0.7j Vendor: Red Hat Software  
Release : 7 Build Date: Wed Mar 31 13:39:31 1999  
Install date: Fri Oct 1 11:21:52 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Communications Source RPM: getty\_ps-2.0.7j-7.src.rpm  
Size : 130073 License: Distributable - Copyright 1989,1990 by Paul Sutcliffe Jr.  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The getty and ugetty programs.

Description :

The `getty_ps` package contains the `getty` and `ugetty` programs, basic programs for accomplishing the login process on a Red Hat Linux system. `Getty` and `ugetty` are used to accept logins on the console or a terminal. `Getty` is invoked by the `init` process to open `tty` lines and set their modes, to print the login prompt and get the user's name, and to initiate a login process for the user. `Ugetty` works just like `getty`, except that `ugetty` creates and uses lock files to prevent two or more processes from conflicting in their use of a `tty` line. `Getty` and `ugetty` can also handle answer a modem for dialup connections, but `mgetty` is recommended for that purpose.

Name : `gftp` Relocations: (not relocateable)  
Version : 1.13 Vendor: Red Hat Software  
Release : 4 Build Date: Tue Apr 13 15:53:22 1999  
Install date: Fri Oct 1 11:21:53 1999 Build Host: `porky.devel.redhat.com`  
Group : Applications/Internet Source RPM: `gftp-1.13-4.src.rpm`  
Size : 565278 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.newwave.net/~masneyb/>  
Summary : Multithreaded FTP client for X Windows

Description :

`gFTP` is a multithreaded FTP client for X Windows written using `Gtk`. It allows to have simultaneous downloads, resuming of interrupted file transfers, file transfer queues, a very nice connection manager and many more features.

Name : `ghostscript` Relocations: (not relocateable)  
Version : 5.10 Vendor: Red Hat Software  
Release : 7 Build Date: Mon Apr 5 10:52:00 1999  
Install date: Fri Oct 1 11:22:00 1999 Build Host: `porky.devel.redhat.com`  
Group : Applications/Publishing Source RPM: `ghostscript-5.10-7.src.rpm`  
Size : 3410152 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A PostScript(TM) interpreter and renderer.

Description :

`Ghostscript` is a set of software that provides a `PostScript(TM)` interpreter, a set of C procedures (the `Ghostscript` library, which implements the graphics capabilities in the `PostScript` language) and an interpreter for `Portable Document Format (PDF)` files. `Ghostscript` translates `PostScript` code into many common, bitmapped formats, like those understood by your printer or screen. `Ghostscript` is normally used to display `PostScript` files and to print `PostScript` files to non-`PostScript` printers.

If you need to display `PostScript` files or print them to non-`PostScript` printers, you should install `ghostscript`. If you install `ghostscript`, you also need to install the `ghostscript-fonts` package.

Name : `ghostscript-fonts` Relocations: (not relocateable)

Version : 5.10 Vendor: Red Hat Software  
Release : 3 Build Date: Sun Mar 21 16:04:19 1999  
Install date: Fri Oct 1 11:22:02 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Publishing Source RPM: ghostscript-fonts-5.10-3.src.rpm  
Size : 1526206 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Fonts for the GhostScript PostScript(TM) interpreter.  
Description :

These fonts can be used by the GhostScript interpreter during text rendering. They are in addition to the shared fonts between GhostScript and X11.

Name : git Relocations: (not relocateable)  
Version : 4.3.17 Vendor: Red Hat Software  
Release : 5 Build Date: Sun Mar 21 16:05:25 1999  
Install date: Fri Oct 1 11:22:02 1999 Build Host: porky.devel.redhat.com  
Group : Applications/File Source RPM: git-4.3.17-5.src.rpm  
Size : 732303 License: GNU  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A set of GNU Interactive Tools.  
Description :

GIT (GNU Interactive Tools) provides an extensible file system browser, an ASCII/hexadecimal file viewer, a process viewer/killer and other related utilities and shell scripts. GIT can be used to increase the speed and efficiency of copying and moving files and directories, invoking editors, compressing and uncompressing files, creating and expanding archives, compiling programs, sending mail and more. GIT uses standard ANSI color sequences, if they are available.

You should install the git package if you are interested in using its file management capabilities.

Name : glib Relocations: (not relocateable)  
Version : 1.2.1 Vendor: Red Hat Software  
Release : 2 Build Date: Wed Apr 7 10:06:50 1999  
Install date: Fri Oct 1 11:22:03 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: glib-1.2.1-2.src.rpm  
Size : 318262 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.gtk.org>  
Summary : A library of handy utility functions.  
Description :

Glib is a handy library of utility functions. This C library is designed to solve some portability problems and provide other useful functionality which most programs require.

Glib is used by GDK, GTK+ and many applications.

You should install Glib because many of your applications will depend on this library.

Name : glib10 Relocations: (not relocateable)  
Version : 1.0.6 Vendor: Red Hat Software  
Release : 5 Build Date: Wed Apr 7 16:56:01 1999  
Install date: Fri Oct 1 11:22:04 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: gtk+10-1.0.6-5.src.rpm  
Size : 55442 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gtk.org>  
Summary : A library of handy utility functions.

Description :

The glib package contains a useful library of utility functions, which are necessary for the successful operation of many different programs on your Red Hat Linux system.

Name : gmc Relocations: (not relocateable)  
Version : 4.5.30 Vendor: Red Hat Software  
Release : 12 Build Date: Mon Apr 19 14:03:36 1999  
Install date: Fri Oct 1 11:22:07 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: mc-4.5.30-12.src.rpm  
Size : 2311219 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gnome.org/mc/>  
Summary : Midnight Commander visual shell (GNOME version).

Description :

Midnight Commander is a visual shell much like a file manager, only with way more features. This is the GNOME version. It's coolest feature is the ability to ftp, view tar, zip files and poke into RPMs for specific files. The GNOME version of Midnight Commander is not yet finished though. :-(

Name : gmp Relocations: (not relocateable)  
Version : 2.0.2 Vendor: Red Hat Software  
Release : 8 Build Date: Sun Mar 21 16:08:42 1999  
Install date: Fri Oct 1 11:22:08 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: gmp-2.0.2-8.src.rpm  
Size : 120541 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gnu.org>  
Summary : A GNU arbitrary precision library.

Description :

The gmp package contains GNU MP, a library for arbitrary precision arithmetic, signed integers operations, rational numbers and floating point numbers. GNU MP is designed for speed, for both small and very large operands. GNU MP is fast for several reasons: It uses fullwords as the basic arithmetic type, it uses fast algorithms, it carefully optimizes assembly code for many CPUs' most common inner loops and it generally emphasizes speed over

simplicity/elegance in its operations.

Install the gmp package if you need a fast arbitrary precision library.

Name : gnome-audio Relocations: (not relocateable)  
Version : 1.0.0 Vendor: Red Hat Software  
Release : 6 Build Date: Thu Apr 8 17:44:37 1999  
Install date: Fri Oct 1 11:22:10 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: gnome-audio-1.0.0-6.src.rpm  
Size : 848657 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gnome.org>  
Summary : Sounds for GNOME events.

Description :

If you use the GNOME desktop environment, you may want to install this package of complementary sounds.

Name : gnome-audio-extra Relocations: (not relocateable)  
Version : 1.0.0 Vendor: Red Hat Software  
Release : 6 Build Date: Thu Apr 8 17:44:37 1999  
Install date: Fri Oct 1 11:22:13 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: gnome-audio-1.0.0-6.src.rpm  
Size : 2723528 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gnome.org>  
Summary : Optional Sounds for GNOME events.

Description :

This package contains extra sound files useful for customizing the sounds that the GNOME desktop environment makes.

Name : gnome-core Relocations: (not relocateable)  
Version : 1.0.4 Vendor: Red Hat Software  
Release : 34 Build Date: Mon Apr 19 13:27:44 1999  
Install date: Fri Oct 1 11:22:20 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: gnome-core-1.0.4-34.src.rpm  
Size : 2958461 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gnome.org>  
Summary : The core programs for the GNOME GUI desktop environment.

Description :

GNOME (GNU Network Object Model Environment) is a user-friendly set of applications and desktop tools to be used in conjunction with a window manager for the X Window System. GNOME is similar in purpose and scope to CDE and KDE, but GNOME is based completely on Open Source software. The gnome-core package includes the basic programs and libraries that are needed to install GNOME.

You should install the gnome-core package if you would like to use the

GNOME desktop environment. You'll also need to install the gnome-libs package. If you want to use linuxconf with a GNOME front end, you'll also need to install the gnome-linuxconf package.

Name : gnome-games Relocations: (not relocateable)  
Version : 1.0.2 Vendor: Red Hat Software  
Release : 10 Build Date: Sat Apr 10 17:33:08 1999  
Install date: Fri Oct 1 11:22:32 1999 Build Host: porky.devel.redhat.com  
Group : Amusements/Games Source RPM: gnome-games-1.0.2-10.src.rpm  
Size : 3422736 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gnome.org>  
Summary : GNOME games.

Description :

GNOME is the GNU Network Object Model Environment. That's a fancy name, but really GNOME is a nice GUI desktop environment. Its powerful, friendly and easy-to-configure interface makes using your computer easy.

This package installs some GNOME games on your system, such as gnothello, solitaire, tetris and others.

Name : utempter Relocations: (not relocateable)  
Version : 0.5 Vendor: Red Hat Software  
Release : 1 Build Date: Thu Apr 8 11:21:21 1999  
Install date: Fri Oct 1 11:22:34 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: utempter-0.5-1.src.rpm  
Size : 22241 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Privledged helper for utmp/wtmp updates

Description :

Utmp is a utility which allows programs to log information to a privledged file (/var/run/utmp), without compromising system security. It accomplishes this task by acting as a buffer between root and the programs.

Name : gnome-libs Relocations: (not relocateable)  
Version : 1.0.8 Vendor: Red Hat Software  
Release : 8 Build Date: Thu Apr 15 18:04:38 1999  
Install date: Fri Oct 1 11:22:38 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: gnome-libs-1.0.8-8.src.rpm  
Size : 2258475 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gnome.org/>

Summary : The libraries needed by the GNOME GUI desktop environment.

Description :

GNOME (GNU Network Object Model Environment) is a user-friendly set of applications and desktop tools to be used in conjunction with a window manager for the X Window System. GNOME is similar in purpose and scope

to CDE and KDE, but GNOME is based completely on Open Source software. The gnome-libs package includes libraries that are needed by GNOME.

You should install the gnome-libs package if you would like to use the GNOME desktop environment. You'll also need to install the gnome-core package. If you would like to develop GNOME applications, you'll also need to install gnome-libs-devel. If you want to use linuxconf with a GNOME front end, you'll also need to install the gnome-linuxconf package.

```
Name      : gnome-linuxconf      Relocations: (not relocateable)
Version   : 0.22                Vendor: Red Hat Software
Release   : 1                   Build Date: Tue Apr 6 18:44:05 1999
Install date: Fri Oct 1 11:22:40 1999   Build Host: porky.devel.redhat.com
Group     : Applications/System      Source RPM: gnome-linuxconf-0.22-1.src.rpm
Size      : 328646                License: GPL
Packager  : Red Hat Software <http://developer.redhat.com/bugzilla>
URL       : http://www.gnome.org
Summary   : The GNOME front-end for linuxconf.
```

Description :

GNOME (GNU Network Object Model Environment) is a user-friendly set of applications and desktop tools to be used in conjunction with a window manager for the X Window System. The gnome-linuxconf package includes GNOME's front end for the linuxconf system configuration utility.

```
Name      : gnome-media        Relocations: (not relocateable)
Version   : 1.0.1              Vendor: Red Hat Software
Release   : 3                   Build Date: Fri Mar 19 15:23:28 1999
Install date: Fri Oct 1 11:22:41 1999   Build Host: porky.devel.redhat.com
Group     : Applications/Multimedia      Source RPM: gnome-media-1.0.1-3.src.rpm
Size      : 298894              License: LGPL
Packager  : Red Hat Software <http://developer.redhat.com/bugzilla/>
URL       : http://www.gnome.org
Summary   : GNOME media programs.
```

Description :

GNOME (GNU Network Object Model Environment) is a user-friendly set of applications and desktop tools to be used in conjunction with a window manager for the X Window System. GNOME is similar in purpose and scope to CDE and KDE, but GNOME is based completely on Open Source software.

GNOME's powerful environment is pleasing on the eye, easy to configure and use.

This package will install such media features as the GNOME CD player.

```
Name      : gnome-pim          Relocations: (not relocateable)
Version   : 1.0.7              Vendor: Red Hat Software
```

Release : 2 Build Date: Fri Apr 9 15:52:54 1999  
Install date: Fri Oct 1 11:22:43 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Productivity Source RPM: gnome-pim-1.0.7-2.src.rpm  
Size : 682067 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gnome.org>  
Summary : The GNOME Personal Information Manager.  
Description :  
The GNOME Personal Information Manager consists of applications to make keeping up with your busy life easier.

Currently these apps are present:

- gnomecal : personal calendar and todo list
- gnomecard: contact list of friends and business associates

Name : gnome-users-guide Relocations: (not relocateable)  
Version : 1.0.5 Vendor: Red Hat Software  
Release : 4rh Build Date: Mon Apr 12 18:52:43 1999  
Install date: Fri Oct 1 11:22:49 1999 Build Host: porky.devel.redhat.com  
Group : Documentation Source RPM: gnome-users-guide-1.0.5-4rh.src.rpm  
Size : 7306670 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The GNOME Users' Guide.  
Description :  
This package will install the users' guide for the GNOME Desktop Environment on your computer.

You should install this package if you are going to use GNOME and you want a quick, handy reference.

Name : gnome-utils Relocations: (not relocateable)  
Version : 1.0.1 Vendor: Red Hat Software  
Release : 6 Build Date: Thu Apr 8 11:08:10 1999  
Install date: Fri Oct 1 11:22:52 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: gnome-utils-1.0.1-6.src.rpm  
Size : 785457 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gnome.org>  
Summary : GNOME utility programs such as calendar and calculator.  
Description :  
GNOME is the GNU Network Object Model Environment. This powerful environment is both easy to use and easy to configure.

This package will install some GNOME utilities, such as the calendar and calculator.

Name : gnormp Relocations: (not relocateable)  
Version : 0.8 Vendor: Red Hat Software

Release : 5 Build Date: Fri Apr 16 15:05:44 1999  
Install date: Fri Oct 1 11:22:53 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: gnorpm-0.8-5.src.rpm  
Size : 403998 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A graphical front end to the Red Hat Package Manager, for GNOME  
Description :

Gnome RPM is a graphical front end to RPM, similar to Glint, but written with the GTK widget set and the GNOME libraries. It is currently under development, so there are some features missing, but you can currently query packages in the filesystem and database, install upgrade, uninstall and verify packages.

Name : gnotepad+ Relocations: (not relocateable)  
Version : 1.1.3 Vendor: Red Hat Software  
Release : 2 Build Date: Thu Apr 8 20:06:39 1999  
Install date: Fri Oct 1 11:22:53 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Editors Source RPM: gnotepad+-1.1.3-2.src.rpm  
Size : 186695 License: Freely distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://members.xoom.com/ackahn/gnp>  
Summary : Simple but versatile editor for X11.

Description :  
gnotepad+ is an easy-to-use, yet fairly feature-rich, simple text editor for systems running X11 and using GTK+. It is designed for as little bloat as possible, while still providing many of the common features found in a modern GUI-based text editor.

Name : gnumeric Relocations: (not relocateable)  
Version : 0.23 Vendor: Red Hat Software  
Release : 2 Build Date: Wed Apr 7 11:13:51 1999  
Install date: Fri Oct 1 11:23:03 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Productivity Source RPM: gnumeric-0.23-2.src.rpm  
Size : 5157078 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gnome.org/gnumeric>  
Summary : The full-featured GNOME spreadsheet.

Description :  
GNOME is the GNU Network Object Model Environment. This powerful environment is both easy to use and easy to configure.

This package will install Gnumeric the GNOME spreadsheet program. This program is intended to be a replacement for a commercial spreadsheet, so quite a bit of work has gone into the program.

Install this package if you want to use the GNOME spreadsheet Gnumeric.

Name : gpm Relocations: (not relocateable)  
Version : 1.17.5 Vendor: Red Hat Software  
Release : 3 Build Date: Mon Mar 22 10:30:56 1999  
Install date: Fri Oct 1 11:23:07 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: gpm-1.17.5-3.src.rpm  
Size : 264349 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A mouse server for the Linux console.

Description :

Gpm provides mouse support to text-based Linux applications like the emacs editor, the Midnight Commander file management system, and other programs. Gpm also provides console cut-and-paste operations using the mouse and includes a program to allow pop-up menus to appear at the click of a mouse button.

Gpm should be installed if you intend to use a mouse with your Red Hat Linux system.

Name : gqview Relocations: (not relocateable)  
Version : 0.6.0 Vendor: Red Hat Software  
Release : 3 Build Date: Sun Mar 21 16:50:43 1999  
Install date: Fri Oct 1 11:23:10 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/X Source RPM: gqview-0.6.0-3.src.rpm  
Size : 191098 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.geocities.com/SiliconValley/Haven/5235/index.html>  
Summary : graphics file browser utility

Description :

GQview is a browser for graphics files.  
Offering single click viewing of your graphics files.  
Includes thumbnail view, zoom and filtering features.  
And external editor support.

Name : groff Relocations: (not relocateable)  
Version : 1.11a Vendor: Red Hat Software  
Release : 9 Build Date: Sun Mar 21 16:53:32 1999  
Install date: Fri Oct 1 11:23:14 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Publishing Source RPM: groff-1.11a-9.src.rpm  
Size : 2910851 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A document formatting system.

Description :

Groff is a document formatting system. Groff takes standard text and formatting commands as input and produces formatted output. The created documents can be shown on a display or printed on a printer. Groff's formatting commands allow you to specify font type and size, bold type, italic type, the number and size of columns on a page, and more.

You should install groff if you want to use it as a document formatting system. Groff can also be used to format man pages. If you are going to use groff with the X Window System, you'll also need to install the groff-gxditview package.

Name : gtk+ Relocations: (not relocateable)  
Version : 1.2.1 Vendor: Red Hat Software  
Release : 10 Build Date: Mon Apr 19 13:27:27 1999  
Install date: Fri Oct 1 11:23:17 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: gtk+-1.2.1-10.src.rpm  
Size : 1989197 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gtk.org>  
Summary : The GIMP ToolKit (GTK+), a library for creating GUIs for X.  
Description :

The gtk+ package contains the GIMP ToolKit (GTK+), a library for creating graphical user interfaces for the X Window System. GTK+ was originally written for the GIMP (GNU Image Manipulation Program) image processing program, but is now used by several other programs as well.

If you are planning on using the GIMP or another program that uses GTK+, you'll need to have the gtk+ package installed.

Name : gtk+10 Relocations: (not relocateable)  
Version : 1.0.6 Vendor: Red Hat Software  
Release : 5 Build Date: Wed Apr 7 16:56:01 1999  
Install date: Fri Oct 1 11:23:18 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: gtk+10-1.0.6-5.src.rpm  
Size : 1167491 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.gtk.org>  
Summary : The GIMP ToolKit (GTK+), a library for creating GUIs for X.  
Description :

The X libraries originally written for the GIMP, which are now used by several other programs as well.

This RPM is a set of compatibility libraries needed to run applications linked against the 1.0 series of gtk+ and glib.

Name : gtk-engines Relocations: (not relocateable)  
Version : 0.5 Vendor: Red Hat Software  
Release : 16 Build Date: Wed Apr 14 18:21:11 1999  
Install date: Fri Oct 1 11:23:23 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: gtk-engines-0.5-16.src.rpm  
Size : 2288131 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://gtk.themes.org>  
Summary : Default GTK+ theme engines.  
Description :

These are the graphical engines for the various GTK+ toolkit themes.  
Included themes are:

- Notif
- Redmond95
- Pixmap
- Metal (swing-like)

Name : gtop Relocations: (not relocateable)  
Version : 1.0.1 Vendor: Red Hat Software  
Release : 3 Build Date: Fri Mar 19 15:06:03 1999  
Install date: Fri Oct 1 11:23:24 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: gtop-1.0.1-3.src.rpm  
Size : 273960 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.gnome.org>  
Summary : The GNOME system monitor.  
Description :  
GNOME is the GNU Network Object Model Environment. This powerful environment is both easy to use and easy to configure.

This package will install the GNOME system monitor gtop,  
which shows memory graphs and processes.

Name : guile Relocations: (not relocateable)  
Version : 1.3 Vendor: Red Hat Software  
Release : 6 Build Date: Sun Mar 21 17:08:47 1999  
Install date: Fri Oct 1 11:23:26 1999 Build Host: porky.devel.redhat.com  
Group : Development/Languages Source RPM: guile-1.3-6.src.rpm  
Size : 1054427 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A GNU implementation of Scheme for application extensibility.  
Description :  
GUILLE (GNU's Ubiquitous Intelligent Language for Extension) is a library implementation of the Scheme programming language, written in C. GUILLE provides a machine-independent execution platform that can be linked in as a library during the building of extensible programs.

Install the guile package if you'd like to add extensibility to programs that you are developing. You'll also need to install the guile-devel package.

Name : gv Relocations: (not relocateable)  
Version : 3.5.8 Vendor: Red Hat Software  
Release : 7 Build Date: Sun Mar 21 17:12:00 1999  
Install date: Fri Oct 1 11:23:27 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Publishing Source RPM: gv-3.5.8-7.src.rpm  
Size : 434832 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>

URL : <http://wwwthep.physik.uni-mainz.de/~plass/gv/>  
Summary : An enhanced front-end for the ghostscript PostScript(TM) interpreter.  
Description :  
Gv provides a user interface for the ghostscript PostScript(TM) interpreter. Derived from the ghostview program, gv can display PostScript and PDF documents using the X Window System.

Install the gv package if you'd like to view PostScript and PDF documents on your system. You'll also need to have the ghostscript package installed, as well as the X Window System.

Name : gzip Relocations: (not relocateable)  
Version : 1.2.4 Vendor: Red Hat Software  
Release : 14 Build Date: Thu Mar 25 14:28:13 1999  
Install date: Fri Oct 1 11:23:28 1999 Build Host: porky.devel.redhat.com  
Group : Applications/File Source RPM: gzip-1.2.4-14.src.rpm  
Size : 248307 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The GNU data compression program.

Description :  
The gzip package contains the popular GNU gzip data compression program. Gzipped files have a .gz extension.

Gzip should be installed on your Red Hat Linux system, because it is a very commonly used data compression program.

Name : hdparm Relocations: (not relocateable)  
Version : 3.3 Vendor: Red Hat Software  
Release : 5 Build Date: Wed Mar 24 21:40:38 1999  
Install date: Fri Oct 1 11:23:29 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: hdparm-3.3-5.src.rpm  
Size : 38807 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A utility for displaying and/or setting hard disk parameters.

Description :  
Hdparm is a useful system utility for setting (E)IDE hard drive parameters. For example, hdparm can be used to tweak hard drive performance and to spin down hard drives for power conservation.

Name : helptool Relocations: (not relocateable)  
Version : 2.4 Vendor: Red Hat Software  
Release : 7 Build Date: Sun Mar 21 17:13:38 1999  
Install date: Fri Oct 1 11:23:29 1999 Build Host: porky.devel.redhat.com  
Group : Documentation Source RPM: helptool-2.4-7.src.rpm  
Size : 23940 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A graphical user interface tool which searches for help files.

Description :  
The helptool provides a unified graphical user interface for searching

through many of the help sources available (including man pages and GNU texinfo documents).

Install helptool if you'd like to use it to search for help files.

You'll need to have the X Window System installed to use the helptool.

Name : ical Relocations: (not relocateable)  
Version : 2.2 Vendor: Red Hat Software  
Release : 9 Build Date: Sun Mar 21 17:25:27 1999  
Install date: Fri Oct 1 11:23:31 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Productivity Source RPM: ical-2.2-9.src.rpm  
Size : 809261 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL :

[http://www.research.digital.com/SRC/personal/Sanjay\\_Ghemawat/ical/home.html](http://www.research.digital.com/SRC/personal/Sanjay_Ghemawat/ical/home.html)

Summary : An X Window System-based calendar program.

Description :

Ical is an X Window System based calendar program. Ical will easily create/edit/delete entries, create repeating entries, remind you about upcoming appointments, print and list item occurrences, and allow shared calendars between different users.

Install ical if you need a calendar program to track your schedule. You'll need to have the X Window System installed in order to use ical.

Name : ImageMagick Relocations: (not relocateable)  
Version : 4.2.2 Vendor: Red Hat Software  
Release : 4 Build Date: Fri Apr 9 00:47:25 1999  
Install date: Fri Oct 1 11:23:34 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: ImageMagick-4.2.2-4.src.rpm  
Size : 3098379 License: freeware  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.wizards.dupont.com/cristy/ImageMagick.html>  
Summary : An X application for displaying and manipulating images.

Description :

ImageMagick is a powerful image display, conversion and manipulation tool. It runs in an X session. With this tool, you can view, edit and display a variety of image formats.

This package installs the necessary files to run ImageMagick.

Name : imlib Relocations: (not relocateable)  
Version : 1.9.5 Vendor: Red Hat Software  
Release : 4 Build Date: Fri Apr 16 17:55:17 1999  
Install date: Fri Oct 1 11:23:35 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: imlib-1.9.5-4.src.rpm  
Size : 433840 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>

URL : <http://www.labs.redhat.com/imlib>  
Summary : An image loading and rendering library for X11R6.  
Description :

Imlib is a display depth independent image loading and rendering library. Imlib is designed to simplify and speed up the process of loading images and obtaining X Window System drawables. Imlib provides many simple manipulation routines which can be used for common operations.

Install imlib if you need an image loading and rendering library for X11R6. You may also want to install the imlib-cfgeditor package, which will help you configure Imlib.

Name : imlib-cfgeditor Relocations: (not relocateable)  
Version : 1.9.5 Vendor: Red Hat Software  
Release : 4 Build Date: Fri Apr 16 17:55:17 1999  
Install date: Fri Oct 1 11:23:36 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: imlib-1.9.5-4.src.rpm  
Size : 341656 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.labs.redhat.com/imlib>  
Summary : A configuration editor for the Imlib library.

Description :

The imlib-cfgeditor package contains the imlib\_config program, which you can use to configure the Imlib image loading and rendering library. Imlib\_config can be used to control how Imlib uses color and handles gamma corrections, etc.

If you're installing the imlib package, you should also install imlib\_cfgeditor.

Name : indexhtml Relocations: (not relocateable)  
Version : 6.0 Vendor: Red Hat Software  
Release : 1 Build Date: Thu Apr 15 21:23:35 1999  
Install date: Fri Oct 1 11:23:36 1999 Build Host: porky.devel.redhat.com  
Group : Documentation Source RPM: indexhtml-6.0-1.src.rpm  
Size : 18412 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The HTML welcome page you'll see after installing Red Hat Linux.

Description :

The indexhtml package contains the HTML page and graphics for a welcome page shown by your Web browser, which you'll see after you've successfully installed Red Hat Linux.

The Web page provided by indexhtml tells you how to register your Red Hat software and how to get any support that you might need.

Name : initscripts Relocations: (not relocateable)  
Version : 4.16 Vendor: Red Hat Software

Release : 1 Build Date: Mon Apr 19 14:39:08 1999  
Install date: Fri Oct 1 11:23:44 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: initscripts-4.16-1.src.rpm  
Size : 156542 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The inittab file and the /etc/rc.d scripts.

Description :

The initscripts package contains the basic system scripts used to boot your Red Hat system, change run levels, and shut the system down cleanly. Initscripts also contains the scripts that activate and deactivate most network interfaces.

Name : ipchains Relocations: (not relocateable)  
Version : 1.3.8 Vendor: Red Hat Software  
Release : 3 Build Date: Tue Mar 23 12:50:41 1999  
Install date: Fri Oct 1 11:23:45 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: ipchains-1.3.8-3.src.rpm  
Size : 323629 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : IP Firewalling Chains.

Description :

Linux IP Firewalling Chains is an update to (and hopefully an improvement upon) the normal Linux Firewalling code, for 2.0 and 2.1 kernels. It lets you do things like firewalls, IP masquerading, etc.

Name : ipxutils Relocations: (not relocateable)  
Version : 2.2.0.12 Vendor: Red Hat Software  
Release : 5 Build Date: Tue Apr 6 14:07:55 1999  
Install date: Fri Oct 1 11:23:46 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: ncpfs-2.2.0.12-5.src.rpm  
Size : 54295 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Tools for configuring and debugging IPX interfaces and networks.

Description :

The ipxutils package includes utilities (ipx\_configure, ipx\_internal\_net, ipx\_interface, ipx\_route) necessary for configuring and debugging IPX interfaces and networks under Linux. IPX is the low-level protocol used by Novell's NetWare file server system to transfer data.

Install ipxutils if you need to configure IPX networking on your network.

Name : isapnptools Relocations: (not relocateable)  
Version : 1.18 Vendor: Red Hat Software  
Release : 2 Build Date: Sun Mar 21 17:43:58 1999  
Install date: Fri Oct 1 11:23:46 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: isapnptools-1.18-2.src.rpm  
Size : 243256 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Utilities for configuring ISA Plug-and-Play (PnP) devices.

Description :

The isapnptools package contains utilities for configuring ISA Plug-and-Play (PnP) cards/boards which are in compliance with the PnP ISA Specification Version 1.0a. ISA PnP cards use registers instead of jumpers for setting the board address and interrupt assignments. The cards also contain descriptions of the resources which need to be allocated. The BIOS on your system, or isapnptools, uses a protocol described in the specification to find all of the PnP boards and allocate the resources so that none of them conflict.

Note that the BIOS doesn't do a very good job of allocating resources. So isapnptools is suitable for all systems, whether or not they include a PnP BIOS. In fact, a PnP BIOS adds some complications. A PnP BIOS may already activate some cards so that the drivers can find them. Then these tools can unconfigure them or change their settings, causing all sorts of nasty effects. If you have PnP network cards that already work, you should read through the documentation files very carefully before you use isapnptools.

Install isapnptools if you need utilities for configuring ISA PnP cards.

Name : ispell Relocations: (not relocateable)  
Version : 3.1.20 Vendor: Red Hat Software  
Release : 15 Build Date: Sun Mar 21 17:45:10 1999  
Install date: Fri Oct 1 11:23:50 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Text Source RPM: ispell-3.1.20-15.src.rpm  
Size : 4146951 License: GPL  
Packager : Patricia Jung <trish@freiburg.linux.de>  
Summary : The GNU interactive spelling checker program.  
Description :

Ispell is the GNU interactive spelling checker. Ispell will check a text file for spelling and typographical errors. When it finds a word that is not in the dictionary, it will suggest correctly spelled words for the misspelled word.

You should install ispell if you need a program for spell checking (and who doesn't...).

Name : kbdconfig Relocations: (not relocateable)  
Version : 1.9.2 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 05:44:56 1999  
Install date: Fri Oct 1 11:23:52 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: kbdconfig-1.9.2-1.src.rpm  
Size : 59662 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A text-based interface for setting and loading a keyboard map.  
Description :

The kbdconfig utility is a terminal mode program for setting the keyboard map for your system. Keyboard maps are necessary for using any keyboard

besides the US default keyboard. Kbdconfig will load the selected keymap before exiting and configure your machine to use that keymap automatically after rebooting.

You should install kbdconfig if you need a utility for changing your keyboard map.

```
Name      : kdeadmin          Relocations: /usr
Version   : 1.1.1pre2        Vendor: Red Hat Software
Release   : 1                Build Date: Mon Apr 19 00:29:49 1999
Install date: Fri Oct 1 11:23:57 1999  Build Host: porky.devel.redhat.com
Group     : Applications/System  Source RPM: kdeadmin-1.1.1pre2-1.src.rpm
Size      : 1500663           License: GPL
Packager  : Red Hat Software <http://developer.redhat.com/bugzilla>
Summary   : K Desktop Environment - System Administration Tools
Description :
System Administration tools for the K Desktop Environment.
```

Included with this package are:

kdat (tape backup); ksysv (sysV init editor); kuser (user administration tool)

```
Name      : kdbase          Relocations: /usr
Version   : 1.1.1pre2        Vendor: Red Hat Software
Release   : 2                Build Date: Mon Apr 19 22:33:43 1999
Install date: Fri Oct 1 11:24:28 1999  Build Host: porky.devel.redhat.com
Group     : User Interface/Desktops  Source RPM: kdbase-1.1.1pre2-2.src.rpm
Size      : 12310795          License: GPL/Artistic
Packager  : Red Hat Software <http://developer.redhat.com/bugzilla>
Summary   : K Desktop Environment - core files
Description :
Core applications for the K Desktop Environment.
```

Included are: kdm (replacement for xdm), kwm (window manager), kfm (filemanager, web browser, ftp client, ...), konsole (xterm replacement), kpanel (application starter and desktop pager), kaudio (audio server), kdehelp (viewer for kde help files, info and man pages), plus other KDE components (kcheckpass, kikbd, kvt, kscreensaver, kcontrol, kfind, kfontmanager, kmenuedit, kappfinder).

PAM password authentication is supported via PAM service: kde.

```
Name      : kdegames        Relocations: /usr
Version   : 1.1.1pre2        Vendor: Red Hat Software
Release   : 2                Build Date: Mon Apr 19 15:18:43 1999
Install date: Fri Oct 1 11:24:42 1999  Build Host: porky.devel.redhat.com
Group     : Amusements/Games    Source RPM: kdegames-1.1.1pre2-2.src.rpm
Size      : 5081281           License: GPL
Packager  : Red Hat Software <http://developer.redhat.com/bugzilla>
Summary   : K Desktop Environment - Games
Description :
```

### Games for the K Desktop Environment.

Included with this package are: kabalone, kasteroids, kblackbox, kmahjongg, kmines, konquest, kpat, kpoker, kreversi, ksame, kshisen, ksokoban, ksmiletris, ksnake, ksirtet.

Name : kdegraphics Relocations: /usr  
Version : 1.1.1pre2 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 02:14:44 1999  
Install date: Fri Oct 1 11:24:50 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: kdegraphics-1.1.1pre2-1.src.rpm  
Size : 2851459 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : K Desktop Environment - Graphics Applications  
Description :  
Graphics applications for the K Desktop Environment.

Includes: kdvi (displays TeX .dvi files); kfax (displays fax files); kfract (a fractal generator); kghostview (displays postscript files); kiconedit (icon editor); kpaint (a simple drawing program); ksnapshot (screen capture utility); kview (image viewer for GIF, JPEG, TIFF, etc.).

Name : kdelibs Relocations: /usr  
Version : 1.1.1pre2 Vendor: Red Hat Software  
Release : 2 Build Date: Mon Apr 19 09:27:27 1999  
Install date: Fri Oct 1 11:25:00 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: kdelibs-1.1.1pre2-2.src.rpm  
Size : 5817014 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : K Desktop Environment - Libraries  
Description :

Libraries for the K Desktop Environment:

KDE Libraries included: kdeccore (KDE core library), kdeui (user interface), kfm (file manager), khtmlw (HTML widget), kfile (file access), kspell (spelling checker), jscript (javascript), kab (addressbook), kimgio (image manipulation), mediatool (sound, mixing and animation).

Name : kdemultimedia Relocations: /usr  
Version : 1.1.1pre2 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 02:25:18 1999  
Install date: Fri Oct 1 11:25:15 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: kdemultimedia-1.1.1pre2-1.src.rpm  
Size : 2423366 License: GPL/Artistic  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : K Desktop Environment - Multimedia Applications  
Description :

Multimedia applications for the K Desktop Environment.

Included: kmedia (media player); kmid (midi/karaoke player); kmidi (midi-to-wav player/converter); kmix (mixer); kscd (CD audio player)

Name : kdenetwork Relocations: /usr  
Version : 1.1.1pre2 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 02:34:18 1999  
Install date: Fri Oct 1 11:25:29 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: kdenetwork-1.1.1pre2-1.src.rpm  
Size : 7646048 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : K Desktop Environment - Network Applications  
Description :  
Network applications for the K Desktop Environment.

Includes: karchie (ftp archive searcher); kbiff (mail delivery notification);  
kfinger ("finger" utility); kmail (mail client); knu (network utilities);  
korn (mailbox monitor tool); kppp (easy PPP connection configuration);  
krm (news reader); ktalkd (talk daemon); ksirc (irc client).

Name : kdesupport Relocations: /usr  
Version : 1.1.1pre2 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 01:47:57 1999  
Install date: Fri Oct 1 11:25:36 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: kdesupport-1.1.1pre2-1.src.rpm  
Size : 2185761 License: GPL/LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : K Desktop Environment - Support Libraries  
Description :  
Support Libraries for the K Desktop Environment, but not part of it.

Libraries included: QwSpriteField, js (javascript), uulib, mimelib, rdb;  
depending on the Red Hat release, libraries gdbm jpeg and gif are either  
also included, or the versions supplied by Red Hat are required.

This package also provides extra KDE support for Red Hat Linux: a  
script "usekde" that users can run to set up KDE as their default  
desktop (which is also done automatically when a new user is created),  
and scripts for activating the KDE X Display Manager "kdm" to replace  
"xdm".

Name : kdeutils Relocations: /usr  
Version : 1.1.1pre2 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 02:29:35 1999  
Install date: Fri Oct 1 11:25:51 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: kdeutils-1.1.1pre2-1.src.rpm  
Size : 3456413 License: GPL/Artistic  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : K Desktop Environment - Utilities  
Description :  
Utilities for the K Desktop Environment.

Includes: ark (tar/gzip archive manager); kab (address book); karm (personal time tracker); kcalc (scientific calculator); kedit (simple text editor); kfloppy (floppy formatting tool); khxedit (hex editor); kjots (note taker); klipper (clipboard tool); kljettool(HP printer configuration tool); klpq (print queue manager) knotes (post-it notes for the desktop); kpm (process manager similar to 'top', but more advanced);kwrite (improved text editor).

Name : kernel Relocations: (not relocateable)  
Version : 2.2.5 Vendor: Red Hat Software  
Release : 15 Build Date: Mon Apr 19 21:39:52 1999  
Install date: Fri Oct 1 11:26:05 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Kernel Source RPM: kernel-2.2.5-15.src.rpm  
Size : 9947601 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The Linux kernel (the core of the Linux operating system).

Description :

The kernel package contains the Linux kernel (vmlinuz), the core of your Red Hat Linux operating system. The kernel handles the basic functions of the operating system: memory allocation, process allocation, device input and output, etc.

Name : kernel-pcmcia-cs Relocations: (not relocateable)  
Version : 2.2.5 Vendor: Red Hat Software  
Release : 15 Build Date: Mon Apr 19 20:58:35 1999  
Install date: Fri Oct 1 11:26:08 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Kernel Source RPM: kernel-2.2.5-15.src.rpm  
Size : 575349 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The daemon and device drivers for using PCMCIA adapters.

Description :

Many laptop machines (and some non-laptops) support PCMCIA cards for expansion. Also known as "credit card adapters," PCMCIA cards are small cards for everything from SCSI support to modems. PCMCIA cards are hot swappable (i.e., they can be exchanged without rebooting the system) and quite convenient to use. The kernel-pcmcia-cs package contains a set of loadable kernel modules that implement an applications program interface, a set of client drivers for specific cards and a card manager daemon that can respond to card insertion and removal events by loading and unloading drivers on demand. The daemon also supports hot swapping, so that the cards can be safely inserted and ejected at any time.

Install the kernel-pcmcia-cs package if your system uses PCMCIA cards.

Name : kernelcfg Relocations: (not relocateable)  
Version : 0.5 Vendor: Red Hat Software  
Release : 5 Build Date: Sat Apr 17 01:03:34 1999  
Install date: Fri Oct 1 11:26:10 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: kernelcfg-0.5-5.src.rpm

Size : 60056 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A Red Hat utility for configuring the kernel daemon.  
Description :

The kernelcfg package contains an X Window System based graphical user interface tool for configuring the kernel daemon (kerneld). Kerneld automatically loads some hardware and software support into memory as needed and unloads the support when it is no longer being used. The kernel configurator tool can be used to tell kerneld what hardware support to load when it is presented with a generic hardware request.

Kernelcfg should be installed because it is a useful utility for managing the kernel daemon.

Name : knfsd Relocations: (not relocateable)  
Version : 1.2.2 Vendor: Red Hat Software  
Release : 4 Build Date: Thu Apr 15 23:19:30 1999  
Install date: Fri Oct 1 11:26:11 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: knfsd-1.2.2-4.src.rpm  
Size : 161964 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Kernel NFS server.

Description :

This is the \*new\* kernel NFS server and related tools. It provides a much higher level of performance than the traditional Linux user-land NFS server.

Name : korganizer Relocations: /usr  
Version : 1.1.1pre2 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 02:54:15 1999  
Install date: Fri Oct 1 11:26:15 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Productivity Source RPM: korganizer-1.1.1pre2-1.src.rpm  
Size : 1513434 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : KOrganizer - Calendar and Scheduling Program for KDE

Description :

KOrganizer is a complete calendar and scheduling program for KDE. It allows interchange with other calendar applications through the industry standard vCalendar file format.

Name : kpilot Relocations: /usr  
Version : 3.1b8\_pgb Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 07:51:16 1999  
Install date: Fri Oct 1 11:26:16 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Communications Source RPM: kpilot-3.1b8\_pgb-1.src.rpm  
Size : 899976 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : KPilot - pilot synchronization tools for KDE

Description :

KPilot allows you to synchronize your PalmPilot with your desktop. It

allows you to backup and restore the various databases (Addressbook, ToDo List, Memos, etc.) as well as install applications to the pilot. Two "conduits" for the third party application KOrganizer are included which will let you sync your ToDo list and Calendar with that program.

Name : kpppload Relocations: /usr  
Version : 1.04 Vendor: Red Hat Software  
Release : 4 Build Date: Tue Apr 13 15:50:56 1999  
Install date: Fri Oct 1 11:26:16 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: kpppload-1.04-4.src.rpm  
Size : 90430 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A PPP Link Monitor

Description :

Monitors the load on your PPP connection. Looks a lot like xload.

Name : ld.so Relocations: (not relocateable)  
Version : 1.9.5 Vendor: Red Hat Software  
Release : 11 Build Date: Sun Mar 21 19:23:33 1999  
Install date: Fri Oct 1 11:26:16 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: ld.so-1.9.5-11.src.rpm  
Size : 253647 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A dynamic loader for a.out format files.

Description :

This package contains the shared library configuration tool, ldconfig, which is required by many packages. It also includes the shared library loader and dynamic loader for Linux libc 5.

Name : less Relocations: (not relocateable)  
Version : 332 Vendor: Red Hat Software  
Release : 6 Build Date: Sun Mar 21 19:24:12 1999  
Install date: Fri Oct 1 11:26:16 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Text Source RPM: less-332-6.src.rpm  
Size : 145542 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A text file browser similar to more, but better.

Description :

The less utility is a text file browser that resembles more, but has more capabilities. Less allows you to move backwards in the file as well as forwards. Since less doesn't have to read the entire input file before it starts, less starts up more quickly than text editors (for example, vi).

You should install less because it is a basic utility for viewing text files, and you'll use it frequently.

Name : lha Relocations: (not relocateable)  
Version : 1.00 Vendor: Red Hat Software  
Release : 11 Build Date: Sun Mar 21 19:24:48 1999

Install date: Fri Oct 1 11:26:17 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Archiving Source RPM: lha-1.00-11.src.rpm  
Size : 58186 License: freeware  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : An archiving and compression utility for LHarc format archives.  
Description :

LHA is an archiving and compression utility for LHarc format archives.  
LHA is mostly used in the DOS world, but can be used under Linux to  
extract DOS files from LHA archives.

Install the lha package if you need to extract DOS files from LHA archives.

Name : libc Relocations: (not relocateable)  
Version : 5.3.12 Vendor: Red Hat Software  
Release : 31 Build Date: Thu Apr 15 23:46:03 1999  
Install date: Fri Oct 1 11:26:22 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: libc-5.3.12-31.src.rpm  
Size : 5494780 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The compatibility libraries needed by old libc.so.5 applications.  
Description :

Older Linux systems (including all Red Hat Linux releases between 2.0  
and 4.2, inclusive) were based on libc version 5. The libc package  
includes the libc5 libraries and other libraries based on libc5. With  
these libraries installed, old applications which need them will be able  
to run on your glibc (libc version 6) based system.

The libc package should be installed so that you can run older applications  
which need libc version 5.

Name : libhttp Relocations: (not relocateable)  
Version : 1.0.2 Vendor: Red Hat Software  
Release : 3 Build Date: Wed Apr 14 11:00:30 1999  
Install date: Fri Oct 1 11:26:36 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: libhttp-1.0.2-3.src.rpm  
Size : 87290 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.gnome.org/>  
Summary : GNOME http client library.  
Description :

Library for making HTTP 1.1 requests.

Name : libgr Relocations: (not relocateable)  
Version : 2.0.13 Vendor: Red Hat Software  
Release : 17 Build Date: Tue Mar 23 13:52:07 1999  
Install date: Fri Oct 1 11:26:38 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: libgr-2.0.13-17.src.rpm  
Size : 241060 License: freeware  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>

Summary : A library for handling different graphics file formats.

Description :

The libgr package contains a library of functions which support programs for handling various graphics file formats, including .pbm (portable pitmaps), .pgm (portable graymaps), .pnm (portable anymaps), .ppm (portable pixmaps) and others.

Name : libgr-progs Relocations: (not relocateable)  
Version : 2.0.13 Vendor: Red Hat Software  
Release : 17 Build Date: Tue Mar 23 13:52:07 1999  
Install date: Fri Oct 1 11:26:40 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: libgr-2.0.13-17.src.rpm  
Size : 1618065 License: freeware  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Tools for manipulating graphics files in libgr supported formats.

Description :

The libgr-progs package contains a group of scripts for manipulating the graphics files in formats which are supported by the libgr library. For example, libgr-progs includes the rasttopnm script, which will convert a Sun rasterfile into a portable anymap. Libgr-progs contains many other scripts for converting from one graphics file format to another.

If you need to use these conversion scripts, you should install libgr-progs. You'll also need to install the libgr package.

Name : libgtop Relocations: (not relocateable)  
Version : 1.0.1 Vendor: Red Hat Software  
Release : 3 Build Date: Fri Mar 19 15:22:53 1999  
Install date: Fri Oct 1 11:26:43 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: libgtop-1.0.1-3.src.rpm  
Size : 441820 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.home-of-linux.org/gnome/libgtop/>  
Summary : The LibGTop library.

Description :

A library that fetches information about the running system such as CPU and memory usage, active processes and more.

On Linux systems, this information is taken directly from the /proc filesystem while on other systems a server is used to read that information from other /dev/kmem, among others.

Name : libjpeg Relocations: (not relocateable)  
Version : 6b Vendor: Red Hat Software  
Release : 9 Build Date: Sun Mar 21 10:02:07 1999  
Install date: Fri Oct 1 11:26:43 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: libjpeg-6b-9.src.rpm  
Size : 245517 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>

Summary : A library for manipulating JPEG image format files.

Description :

The libjpeg package contains a library of functions for manipulating JPEG images, as well as simple client programs for accessing the libjpeg functions. Libjpeg client programs include cjpeg, djpeg, jpegtran, rdjpgcom and wrjpgcom. Cjpeg compresses an image file into JPEG format. Djpeg decompresses a JPEG file into a regular image file. Jpegtran can perform various useful transformations on JPEG files. Rdjpgcom displays any text comments included in a JPEG file. Wrjpgcom inserts text comments into a JPEG file.

Name : libpng Relocations: (not relocateable)  
Version : 1.0.3 Vendor: Red Hat Software  
Release : 2 Build Date: Sun Mar 21 10:08:59 1999  
Install date: Fri Oct 1 11:26:44 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: libpng-1.0.3-2.src.rpm  
Size : 276815 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A library of functions for manipulating PNG image format files.

Description :

The libpng package contains a library of functions for creating and manipulating PNG (Portable Network Graphics) image format files. PNG is a bit-mapped graphics format similar to the GIF format. PNG was created to replace the GIF format, since GIF uses a patented data compression algorithm.

Libpng should be installed if you need to manipulate PNG format image files.

Name : libstdc++ Relocations: (not relocateable)  
Version : 2.9.0 Vendor: Red Hat Software  
Release : 12 Build Date: Sun Mar 21 15:41:39 1999  
Install date: Fri Oct 1 11:26:48 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: egcs-1.1.2-12.src.rpm  
Size : 3503775 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://egcs.cygnum.com/>  
Summary : GNU c++ library

Description :

EGCS is a free software project that intends to further the development of GNU compilers using an open development environment. The egcs package contains the egcs compiler, a compiler aimed at integrating all the optimizations and features necessary for a high-performance and stable development environment. EGCS includes the shared libraries necessary for running C++ applications, along with additional GNU tools.

Install egcs if you'd like to use an experimental GNU compiler.

Name : libtiff Relocations: (not relocateable)

Version : 3.4 Vendor: Red Hat Software  
Release : 6 Build Date: Sun Mar 21 10:16:47 1999  
Install date: Fri Oct 1 11:26:50 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: libtiff-3.4-6.src.rpm  
Size : 582333 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www-mipl.jpl.nasa.gov/~ndr/tiff/>  
Summary : A library of functions for manipulating TIFF format image files.

Description :

The libtiff package contains a library of functions for manipulating TIFF (Tagged Image File Format) image format files. TIFF is a widely used file format for bitmapped images. TIFF files usually end in the .tif extension and they are often quite large.

The libtiff package should be installed if you need to manipulate TIFF format image files.

Name : libungif Relocations: /usr  
Version : 4.1.0 Vendor: Red Hat Software  
Release : 2 Build Date: Sun Mar 21 10:17:34 1999  
Install date: Fri Oct 1 11:26:51 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: libungif-4.1.0-2.src.rpm  
Size : 82547 License: X Consortium-like  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://prtr-13.ucsc.edu/~badger/software/libungif.shtml>  
Summary : A library for manipulating GIF format image files.

Description :

The libungif package contains a shared library of functions for loading and saving GIF format image files. The libungif library can load any GIF file, but it will save GIFs only in uncompressed format (i.e., it won't use the patented LZW compression used to save "normal" compressed GIF files).

Install the libungif package if you need to manipulate GIF files. You should also install the libungif-progs package.

Name : libxml Relocations: (not relocateable)  
Version : 1.0.0 Vendor: Red Hat Software  
Release : 2 Build Date: Sun Mar 28 10:34:16 1999  
Install date: Fri Oct 1 11:26:52 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: libxml-1.0.0-2.src.rpm  
Size : 158006 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.gnome.org>  
Summary : The libXML library.

Description :

This library allows you to manipulate XML files.

Name : lilo Relocations: (not relocateable)

Version : 0.21 Vendor: Red Hat Software  
Release : 6 Build Date: Mon Apr 12 23:19:24 1999  
Install date: Fri Oct 1 11:26:54 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: lilo-0.21-6.src.rpm  
Size : 1122220 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The boot loader for Linux and other operating systems.  
Description :

LILO (LInx LOader) is a basic system program which boots your Linux system. LILO loads the Linux kernel from a floppy or a hard drive, boots the kernel and passes control of the system to the kernel. LILO can also boot other operating systems.

Name : pwdb Relocations: (not relocateable)  
Version : 0.58 Vendor: Red Hat Software  
Release : 3 Build Date: Thu Apr 15 14:40:40 1999  
Install date: Fri Oct 1 11:26:57 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: pwdb-0.58-3.src.rpm  
Size : 434553 License: GPL or BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The password database library.  
Description :

The pwdb package contains libpwdb, the password database library. Libpwdb is a library which implements a generic user information database. Libpwdb was specifically designed to work with Linux's PAM (Pluggable Authentication Modules). Libpwdb allows configurable access to and management of security tools like /etc/passwd, /etc/shadow and network authentication systems including NIS and Radius.

Name : pam Relocations: (not relocateable)  
Version : 0.66 Vendor: Red Hat Software  
Release : 18 Build Date: Sat Apr 17 15:26:54 1999  
Install date: Fri Oct 1 11:26:59 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: pam-0.66-18.src.rpm  
Size : 1944359 License: GPL or BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://parc.power.net/morgan/Linux-PAM/index.html>  
Summary : A security tool which provides authentication for applications.  
Description :

PAM (Pluggable Authentication Modules) is a system security tool which allows system administrators to set authentication policy without having to recompile programs which do authentication.

Name : sh-utils Relocations: (not relocateable)  
Version : 1.16 Vendor: Red Hat Software  
Release : 23 Build Date: Tue Apr 13 13:58:42 1999  
Install date: Fri Oct 1 11:27:01 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Shells Source RPM: sh-utils-1.16-23.src.rpm

Size : 360441 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A set of GNU utilities commonly used in shell scripts.  
Description :  
The GNU shell utilities are a set of useful system utilities which are often used in shell scripts. The sh-utils package includes basename (to remove the path prefix from a specified pathname), chroot (to change the root directory), date (to print/set the system time and date), dirname (to remove the last level or the filename from a given path), echo (to print a line of text), env (to display/modify the environment), expr (to evaluate expressions), factor (to print prime factors), false (to return an unsuccessful exit status), groups (to print the groups a specified user is a member of), id (to print the real/effective uid/gid), logname (to print the current login name), nice (to modify a scheduling priority), nohup (to allow a command to continue running after logging out), pathchk (to check a file name's portability), printenv (to print environment variables), printf (to format and print data), pwd (to print the current directory), seq (to print numeric sequences), sleep (to suspend execution for a specified time), stty (to print/change terminal settings), su (to become another user or the superuser), tee (to send output to multiple files), test (to evaluate an expression), true (to return a successful exit status), tty (to print the terminal name), uname (to print system information), users (to print current users' names), who (to print a list of the users who are currently logged in), whoami (to print the effective user id), and yes (to print a string indefinitely).

Name : redhat-release Relocations: (not relocateable)  
Version : 6.0 Vendor: (none)  
Release : 1 Build Date: Mon Apr 19 19:07:41 1999  
Install date: Fri Oct 1 11:27:02 1999 Build Host: porkchop.redhat.com  
Group : System Environment/Base Source RPM: redhat-release-6.0-1.src.rpm  
Size : 35 License: GPL  
Summary : Red Hat Linux release file  
Description :  
Red Hat Linux release file

Name : linuxconf Relocations: (not relocateable)  
Version : 1.14r4 Vendor: Red Hat Software  
Release : 4 Build Date: Thu Apr 15 12:03:45 1999  
Install date: Fri Oct 1 11:27:28 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: linuxconf-1.14r4-4.src.rpm  
Size : 11577741 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.solucorp.qc.ca/linuxconf/>  
Summary : An extremely capable system configuration tool.  
Description :

Linuxconf is an extremely capable system configuration tool. Linuxconf provides four different interfaces for you to choose from: command line, character-cell (like the installation program), an X Window System based GUI and a web-based interface. Linuxconf can manage a large proportion of your system's operations, including networking, user accounts, file systems, boot parameters, and more.

Linuxconf will simplify the process of configuring your system. Unless you are completely happy with configuring your system manually, you should install the linuxconf package and use linuxconf instead.

Name : logrotate Relocations: (not relocateable)  
Version : 3.2 Vendor: Red Hat Software  
Release : 1 Build Date: Wed Apr 7 11:04:05 1999  
Install date: Fri Oct 1 11:27:34 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: logrotate-3.2-1.src.rpm  
Size : 52006 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Rotates, compresses, removes and mails system log files.

Description :

The logrotate utility is designed to simplify the administration of log files on a system which generates a lot of log files. Logrotate allows for the automatic rotation compression, removal and mailing of log files. Logrotate can be set to handle a log file daily, weekly, monthly or when the log file gets to a certain size. Normally, logrotate runs as a daily cron job.

Install the logrotate package if you need a utility to deal with the log files on your system.

Name : losetup Relocations: (not relocateable)  
Version : 2.9o Vendor: Red Hat Software  
Release : 1 Build Date: Sat Apr 17 11:54:48 1999  
Install date: Fri Oct 1 11:27:34 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: mount-2.9o-1.src.rpm  
Size : 9328 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Programs for setting up and configuring loopback devices.

Description :

Linux supports a special block device called the loop device, which maps a normal file onto a virtual block device. This allows for the file to be used as a "virtual file system" inside another file. Losetup is used to associate loop devices with regular files or block devices, to detach loop devices and to query the status of a loop device.

Name : lpr Relocations: (not relocateable)  
Version : 0.35 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Mar 22 16:05:43 1999  
Install date: Fri Oct 1 11:27:36 1999 Build Host: porky.devel.redhat.com

Group : System Environment/Daemons Source RPM: lpr-0.35-1.src.rpm  
Size : 185141 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A utility that manages print jobs.  
Description :

The lpr package provides the basic system utility for managing printing services. Lpr manages print queues, sends print jobs to local and remote printers and accepts print jobs from remote clients.

If you will be printing from your system, you'll need to install the lpr package.

Name : lynx Relocations: (not relocateable)  
Version : 2.8.1 Vendor: Red Hat Software  
Release : 11 Build Date: Mon Mar 29 17:53:32 1999  
Install date: Fri Oct 1 11:27:39 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: lynx-2.8.1-11.src.rpm  
Size : 2059706 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A text-based Web browser.  
Description :

Lynx is a text-based Web browser. Lynx does not display any images, but it does support frames, tables and most other HTML tags. Lynx's advantage over graphical browsers is its speed: Lynx starts and exits quickly and swiftly displays Web pages.

Install lynx if you would like to try this fast, non-graphical browser (you may come to appreciate its strengths).

Name : m4 Relocations: (not relocateable)  
Version : 1.4 Vendor: Red Hat Software  
Release : 12 Build Date: Sun Mar 21 19:59:01 1999  
Install date: Fri Oct 1 11:27:39 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Text Source RPM: m4-1.4-12.src.rpm  
Size : 122899 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The GNU macro processor.  
Description :

A GNU implementation of the traditional UNIX macro processor. M4 is useful for writing text files which can be logically parsed, and is used by many programs as part of their build process. M4 has built-in functions for including files, running shell commands, doing arithmetic, etc. The autoconf program needs m4 for generating configure scripts, but not for running configure scripts.

Install m4 if you need a macro processor.

Name : mailx Relocations: (not relocateable)  
Version : 8.1.1 Vendor: Red Hat Software

Release : 8 Build Date: Sun Mar 21 20:00:44 1999  
Install date: Fri Oct 1 11:27:41 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: mailx-8.1.1-8.src.rpm  
Size : 92096 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The /bin/mail program, which is used to send mail via shell scripts.  
Description :  
The mailx package installs the /bin/mail program, which is used to send quick email messages (i.e., without opening up a full-featured mail user agent). Mail is often used in shell scripts.

You should install mailx because of its quick email sending ability, which is especially useful if you're planning on writing any shell scripts.

Name : MAKEDEV Relocations: (not relocateable)  
Version : 2.5 Vendor: Red Hat Software  
Release : 1 Build Date: Sat Apr 17 15:06:30 1999  
Install date: Fri Oct 1 11:27:41 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: MAKEDEV-2.5-1.src.rpm  
Size : 35719 License: none  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Creates and maintains device files in /dev.  
Description :  
The /dev directory contains important files which correspond to the hardware on your system, such as sound cards, serial or printer ports, tape and CD-ROM drives and more. MAKEDEV is a script which helps you create and maintain the files in your /dev directory.

These are the files needed to install MAKEDEV.

Name : man Relocations: (not relocateable)  
Version : 1.5g Vendor: Red Hat Software  
Release : 2 Build Date: Fri Apr 9 18:26:49 1999  
Install date: Fri Oct 1 11:27:43 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: man-1.5g-2.src.rpm  
Size : 220963 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A set of documentation tools: man, apropos and whatis.  
Description :  
The man package includes three tools for finding information and/or documentation about your Linux system: man, apropos and whatis. The man system formats and displays on-line manual pages about commands or functions on your system. Apropos searches the whatis database (containing short descriptions of system commands) for a string. Whatis searches its own database for a complete word.

The man package should be installed on your system because it is the

primary way for finding documentation.

Name : mars-nwe Relocations: (not relocateable)  
Version : 0.99p115 Vendor: Red Hat Software  
Release : 3 Build Date: Tue Mar 23 12:58:19 1999  
Install date: Fri Oct 1 11:27:45 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: mars-nwe-0.99p115-3.src.rpm  
Size : 673204 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : NetWare file and print servers which run on Linux systems.  
Description :

The mars\_nwe (MARTin Stover's NetWare Emulator) package enables Linux to provide both file and print services for NetWare clients (i.e., providing the services of a Novell NetWare file server). Mars\_nwe allows the sharing of files between Linux machines and Novell NetWare clients, using NetWare's native IPX protocol suite.

Install the mars\_nwe package if you need a Novell NetWare file server on your Red Hat Linux system.

Name : mc Relocations: (not relocateable)  
Version : 4.5.30 Vendor: Red Hat Software  
Release : 12 Build Date: Mon Apr 19 14:03:36 1999  
Install date: Fri Oct 1 11:27:47 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Shells Source RPM: mc-4.5.30-12.src.rpm  
Size : 924737 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.gnome.org/mc/>  
Summary : A user-friendly file manager and visual shell.  
Description :

Midnight Commander is a visual shell much like a file manager, only with way more features. It is text mode, but also includes mouse support if you are running GPM. Its coolest feature is the ability to ftp, view tar, zip files, and poke into RPMs for specific files. :-)

Name : metamail Relocations: (not relocateable)  
Version : 2.7 Vendor: Red Hat Software  
Release : 20 Build Date: Sun Mar 21 20:05:45 1999  
Install date: Fri Oct 1 11:27:48 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: metamail-2.7-20.src.rpm  
Size : 350005 License: Distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A program for handling multimedia mail using the mailcap file.  
Description :

Metamail is a system for handling multimedia mail, using the mailcap file. Metamail reads the mailcap file, which tells Metamail what helper program to call in order to handle a particular type of non-text mail. Note that metamail can also add multimedia support to certain non-mail programs.

Metamail should be installed if you need to add multimedia support to mail programs and some other programs, using the mailcap file.

Name : mikmod Relocations: /usr  
Version : 3.1.5 Vendor: Red Hat Software  
Release : 5 Build Date: Mon Mar 22 14:51:32 1999  
Install date: Fri Oct 1 11:27:49 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: mikmod-3.1.5-5.src.rpm  
Size : 802901 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.multimania.com/miodrag/mikmod/index.html>  
Summary : A MOD music file player.

Description :

MikMod is one of the best and most well known MOD music file players for UNIX-like systems. This particular distribution is intended to compile fairly painlessly in a Linux environment. MikMod uses the OSS /dev/dsp driver including all recent kernels for output, and will also write .wav files. Supported file formats include MOD, STM, S3M, MTM, XM, ULT, and IT. The player uses ncurses for console output and supports transparent loading from gzip/pkzip/zoo archives and the loading/saving of playlists.

Install the mikmod package if you need a MOD music file player.

Name : mingetty Relocations: (not relocateable)  
Version : 0.9.4 Vendor: Red Hat Software  
Release : 10 Build Date: Sun Mar 21 20:10:35 1999  
Install date: Fri Oct 1 11:27:58 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: mingetty-0.9.4-10.src.rpm  
Size : 33206 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A compact getty program for virtual consoles only.

Description :

The mingetty program is a lightweight, minimalist getty program for use only on virtual consoles. Mingetty is not suitable for serial lines (you should use the mgetty program instead for that purpose).

Name : mkbootdisk Relocations: (not relocateable)  
Version : 1.2 Vendor: Red Hat Software  
Release : 2 Build Date: Mon Apr 12 09:22:57 1999  
Install date: Fri Oct 1 11:27:58 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: mkbootdisk-1.2-2.src.rpm  
Size : 5707 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Creates an initial ramdisk image for preloading modules.

Description :

The mkbootdisk program creates a standalone boot floppy disk for booting the running system. The created boot disk will look for the root filesystem on the device mentioned in /etc/fstab and includes an

initial ramdisk image which will load any necessary SCSI modules for the system.

Name : mkdosfs-ygg Relocations: (not relocateable)  
Version : 0.3b Vendor: Red Hat Software  
Release : 11 Build Date: Sat Apr 17 07:19:31 1999  
Install date: Fri Oct 1 11:27:58 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: mkdosfs-ygg-0.3b-11.src.rpm  
Size : 17734 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A program which creates MS-DOS FAT filesystems on Linux systems.  
Description :  
The mkdosfs program is used to create an MS-DOS FAT file system on a Linux system device, usually a disk partition.

The mkdosfs package should be installed if your machine needs to support MS-DOS style file systems.

Name : mkinitrd Relocations: (not relocateable)  
Version : 2.0 Vendor: Red Hat Software  
Release : 1 Build Date: Sat Mar 27 10:00:44 1999  
Install date: Fri Oct 1 11:27:58 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: mkinitrd-2.0-1.src.rpm  
Size : 7723 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Creates an initial ramdisk image for preloading modules.  
Description :  
Mkinitrd creates filesystem images for use as initial ramdisk (initrd) images. These ramdisk images are often used to preload the block device modules (SCSI or RAID) needed to access the root filesystem.

In other words, generic kernels can be built without drivers for any SCSI adapters which load the SCSI driver as a module. Since the kernel needs to read those modules, but in this case it isn't able to address the SCSI adapter, an initial ramdisk is used. The initial ramdisk is loaded by the operating system loader (normally LILO) and is available to the kernel as soon as the ramdisk is loaded. The ramdisk image loads the proper SCSI adapter and allows the kernel to mount the root filesystem. The mkinitrd program creates such a ramdisk using information found in the `/etc/conf.modules` file.

Name : mkxauth Relocations: /usr/X11R6  
Version : 1.7 Vendor: Red Hat Software  
Release : 11 Build Date: Sun Mar 21 20:13:58 1999  
Install date: Fri Oct 1 11:27:58 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: mkxauth-1.7-11.src.rpm  
Size : 16043 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A utility for managing .Xauthority files.

Description :

The mkxauth utility helps create and maintain X authentication databases (.Xauthority files). Mxkauth is used to create an .Xauthority file or to merge keys from another local or remote .Xauthority file. .Xauthority files are used by the xauth user-oriented access control program, which grants or denies access to X servers based on the contents of the .Xauthority file.

The mkxauth package should be installed if you're going to use user-oriented access control to provide security for your X Window System (a good idea).

Name : modemtool Relocations: (not relocateable)  
Version : 1.21 Vendor: Red Hat Software  
Release : 6 Build Date: Sun Mar 21 20:22:12 1999  
Install date: Fri Oct 1 11:27:59 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: modemtool-1.21-6.src.rpm  
Size : 16317 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A tool for selecting the serial port your modem is connected to.

Description :

The modemtool is a simple graphical configuration tool for selecting the serial port to which your modem is connected.

Install modemtool if you use a modem.

Name : modutils Relocations: (not relocateable)  
Version : 2.1.121 Vendor: Red Hat Software  
Release : 12 Build Date: Mon Apr 19 16:46:44 1999  
Install date: Fri Oct 1 11:28:00 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Kernel Source RPM: modutils-2.1.121-12.src.rpm  
Size : 855404 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The kernel daemon (kernel) and kernel module utilities.

Description :

The modutils packages includes the kerneld program for automatic loading of modules under 2.0 kernels and unloading of modules under 2.0 and 2.2 kernels, as well as other module management programs.

Loaded and unloaded modules are device drivers and filesystems, as well as other things.

Name : mount Relocations: (not relocateable)  
Version : 2.90 Vendor: Red Hat Software  
Release : 1 Build Date: Sat Apr 17 11:54:48 1999  
Install date: Fri Oct 1 11:28:01 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: mount-2.90-1.src.rpm  
Size : 135510 License: GPL

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>

Summary : Programs for mounting and unmounting filesystems.

Description :

The mount package contains the mount, umount, swapon and swapoff programs. Accessible files on your system are arranged in one big tree or hierarchy. These files can be spread out over several devices. The mount command attaches a filesystem on some device to your system's file tree. The umount command detaches a filesystem from the tree. Swapon and swapoff, respectively, specify and disable devices and files for paging and swapping.

Name : mouseconfig Relocations: (not relocateable)

Version : 3.9 Vendor: Red Hat Software

Release : 1 Build Date: Mon Apr 19 05:47:22 1999

Install date: Fri Oct 1 11:28:03 1999 Build Host: porky.devel.redhat.com

Group : System Environment/Base Source RPM: mouseconfig-3.9-1.src.rpm

Size : 188887 License: distributable

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>

Summary : The Red Hat Linux mouse configuration tool.

Description :

Mouseconfig is a text-based mouse configuration tool. Mouseconfig sets up the files and links needed for configuring and using a mouse on a Red Hat Linux system. The mouseconfig tool can be used to set the correct mouse type for programs like gpm, and can be used with Xconfigurator to set up the mouse for the X Window System.

Name : mpage Relocations: (not relocateable)

Version : 2.4 Vendor: Red Hat Software

Release : 7 Build Date: Sun Mar 21 20:25:03 1999

Install date: Fri Oct 1 11:28:04 1999 Build Host: porky.devel.redhat.com

Group : Applications/Publishing Source RPM: mpage-2.4-7.src.rpm

Size : 92309 License: BSD

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>

Summary : A tool for printing multiple pages of text on each printed page.

Description :

The mpage utility takes plain text files or PostScript(TM) documents as input, reduces the size of the text, and prints the files on a PostScript printer with several pages on each sheet of paper. Mpage is very useful for viewing large printouts without using up tons of paper. Mpage supports many different layout options for the printed pages.

Mpage should be installed if you need a useful utility for viewing long text documents without wasting paper.

Name : mpg123 Relocations: (not relocateable)

Version : 0.59q Vendor: Red Hat Software

Release : 6 Build Date: Wed Apr 7 18:44:54 1999

Install date: Fri Oct 1 11:28:04 1999 Build Host: porky.devel.redhat.com

Group : Applications/Multimedia Source RPM: mpg123-0.59q-6.src.rpm  
Size : 211328 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www-ti.informatik.uni-tuebingen.de/~hippm/mpg123.html>  
Summary : MPEG audio player.

Description :

Mpg123 is a fast, free and portable MPEG audio player for Unix. It supports MPEG 1.0/2.0 layers 1, 2 and 3 ("mp3" files). For full CD quality playback (44 kHz, 16 bit, stereo) a Pentium CPU is required. Mono and/or reduced quality playback (22 kHz or 11 kHz) is possible on 486 CPUs.

For information on the MP3 License, please visit:

<http://www.mpeg.org/>

Name : mt-st Relocations: (not relocateable)  
Version : 0.5b Vendor: Red Hat Software  
Release : 3 Build Date: Sun Mar 21 20:26:15 1999  
Install date: Fri Oct 1 11:28:04 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: mt-st-0.5b-3.src.rpm  
Size : 69045 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Programs to control tape device operations.

Description :

The mt-st package contains the mt and st tape drive management programs. Mt (for magnetic tape drives) and st (for SCSI tape devices) can control rewinding, ejecting, skipping files and blocks and more.

This package can help you manage tape drives.

Name : mtools Relocations: (not relocateable)  
Version : 3.9.1 Vendor: Red Hat Software  
Release : 5 Build Date: Sun Mar 21 20:27:28 1999  
Install date: Fri Oct 1 11:28:05 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: mtools-3.9.1-5.src.rpm  
Size : 497822 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.tux.org/pub/tux/knaff/mtools/index.html>  
Summary : Programs for accessing MS-DOS disks without mounting the disks.

Description :

Mtools is a collection of utilities for accessing MS-DOS files. Mtools allow you to read, write and move around MS-DOS filesystem files (normally on MS-DOS floppy disks). Mtools supports Windows95 style long file names, OS/2 Xdf disks, and 2m disks.

Mtools should be installed if you need to use MS-DOS disks.

Name : multimedia Relocations: (not relocateable)

Version : 2.1 Vendor: Red Hat Software  
Release : 15 Build Date: Sun Mar 21 20:28:49 1999  
Install date: Fri Oct 1 11:28:08 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: multimedia-2.1-15.src.rpm  
Size : 353223 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Several X utilities mainly for use with multimedia files.

Description :

The multimedia package contains several X Window System utilities for handling multimedia files: xplaycd, xmixer and xgetfile. Xplaycd is a CD player for playing audio CDs on your machine's CD-ROM drive. Xmixer controls the volume settings on your machine's sound card. Xgetfile is a versatile file browser, intended for use in shell scripts.

Install the multimedia package if you need an audio CD player, a sound card volume controller, or a file browser for use in shell scripts.

Name : mutt Relocations: (not relocateable)  
Version : 0.95.4us Vendor: Red Hat Software  
Release : 4 Build Date: Mon Mar 29 09:59:36 1999  
Install date: Fri Oct 1 11:28:11 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: mutt-0.95.4us-4.src.rpm  
Size : 1402755 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.mutt.org/>  
Summary : A text mode mail user agent.

Description :

Mutt is a text mode mail user agent. Mutt supports color, threading, arbitrary key remapping, and a lot of customization.

You should install mutt if you've used mutt in the past and you prefer it, or if you're new to mail programs and you haven't decided which one you're going to use.

Name : ncftp Relocations: /usr  
Version : 3.0beta18 Vendor: Red Hat Software  
Release : 3 Build Date: Sun Mar 21 20:35:18 1999  
Install date: Fri Oct 1 11:28:13 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: ncftp-3.0beta18-3.src.rpm  
Size : 742701 License: Distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : An improved FTP client.

Description :

Ncftp is an improved FTP client. Ncftp's improvements include support for command line editing, command histories, recursive gets, automatic anonymous logins and more.

Install ncftp if you use FTP to transfer files and you'd like to try some of ncftp's additional features.

Name : ncompress Relocations: (not relocateable)  
Version : 4.2.4 Vendor: Red Hat Software  
Release : 14 Build Date: Sun Mar 21 20:36:15 1999  
Install date: Fri Oct 1 11:28:14 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Archiving Source RPM: ncompress-4.2.4-14.src.rpm  
Size : 31956 License: unknown  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Fast compression and decompression utilities.  
Description :

The ncompress package contains the compress and uncompress file compression and decompression utilities, which are compatible with the original UNIX compress utility (.Z file extensions). These utilities can't handle gzipped (.gz file extensions) files, but gzip can handle compressed files.

Name : ncpfs Relocations: (not relocateable)  
Version : 2.2.0.12 Vendor: Red Hat Software  
Release : 5 Build Date: Tue Apr 6 14:07:55 1999  
Install date: Fri Oct 1 11:28:20 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: ncpfs-2.2.0.12-5.src.rpm  
Size : 566699 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Utilities for the ncpfs filesystem, a NetWare client for Linux.  
Description :

Ncpfs is a filesystem which understands the Novell NetWare(TM) NCP protocol. Functionally, NCP is used for NetWare the way NFS is used in the TCP/IP world. For a Linux system to mount a NetWare filesystem, it needs a special mount program. The ncpfs package contains such a mount program plus other tools for configuring and using the ncpfs filesystem.

Install the ncpfs package if you need to use the ncpfs filesystem to use Novell NetWare files or services.

Name : net-tools Relocations: (not relocateable)  
Version : 1.51 Vendor: Red Hat Software  
Release : 3 Build Date: Wed Mar 24 19:29:46 1999  
Install date: Fri Oct 1 11:28:22 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: net-tools-1.51-3.src.rpm  
Size : 404929 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The basic tools for setting up networking.  
Description :

The net-tools package contains the basic tools needed for setting up networking: arp, rarp, ifconfig, netstat, ethers and route.

Name : netcfg Relocations: (not relocateable)

Version : 2.20 Vendor: Red Hat Software  
Release : 2 Build Date: Thu Apr 8 09:56:55 1999  
Install date: Fri Oct 1 11:28:23 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: netcfg-2.20-2.src.rpm  
Size : 169772 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A network configuration tool.  
Description :  
A Red Hat Linux tool which provides a graphical user interface for setting up and configuring networking for your machine.  
Name : netkit-base Relocations: (not relocateable)  
Version : 0.10 Vendor: Red Hat Software  
Release : 29 Build Date: Wed Apr 7 16:21:24 1999  
Install date: Fri Oct 1 11:28:24 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: netkit-base-0.10-29.src.rpm  
Size : 62129 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The ping and inetd networking programs.

Description :  
The netkit-base package contains the basic networking tools ping and inetd. The ping command sends a series of ICMP protocol ECHO\_REQUEST packets to a specified network host and can tell you if that machine is alive and receiving network traffic. Inetd listens on certain Internet sockets for connection requests, decides what program should receive each request, and starts up that program.

The netkit-base package should be installed on any machine that is on a network.

Name : netscape-common Relocations: /usr  
Version : 4.51 Vendor: Red Hat Software  
Release : 3 Build Date: Thu Apr 15 13:55:52 1999  
Install date: Fri Oct 1 11:28:34 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: netscape-4.51-3.src.rpm  
Size : 7299769 License: Commercial  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Files shared by the Netscape Navigator and Communicator.

Description :  
This package contains the files that are shared between the Netscape Navigator Web browser and the Netscape Communicator suite of tools (the Navigator Web browser, an e-mail client, a news reader and Web page editor).

Install the netscape-common package if you're installing the netscape-navigator and/or the netscape-communicator program.

Name : netscape-communicator Relocations: /usr

Version : 4.51 Vendor: Red Hat Software  
Release : 3 Build Date: Thu Apr 15 13:55:52 1999  
Install date: Fri Oct 1 11:28:47 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: netscape-4.51-3.src.rpm  
Size : 13846610 License: Commercial  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Netscape tools, including a Web browser, news reader and e-mail client.  
Description :  
Netscape Communicator is the industry-leading Web browser. It supports the latest HTML standards, Java, JavaScript and some style sheets. It also includes a full-featured Usenet news reader as well as a complete e-mail client.

Information on the Netscape Communicator license may be found in the file /usr/doc/netscape-common-4.51/LICENSE.

Name : newt Relocations: (not relocateable)  
Version : 0.40 Vendor: Red Hat Software  
Release : 9 Build Date: Fri Apr 9 22:23:59 1999  
Install date: Fri Oct 1 11:28:49 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: newt-0.40-9.src.rpm  
Size : 128063 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A development library for text mode user interfaces.  
Description :  
Newt is a programming library for color text mode, widget based user interfaces. Newt can be used to add stacked windows, entry widgets, checkboxes, radio buttons, labels, plain text fields, scrollbars, etc., to text mode user interfaces. This package also contains the shared library needed by programs built with newt, as well as a /usr/bin/dialog replacement called whiptail. Newt is based on the slang library.

Name : nmh Relocations: (not relocateable)  
Version : 0.27 Vendor: Red Hat Software  
Release : 8 Build Date: Sun Apr 18 15:10:30 1999  
Install date: Fri Oct 1 11:29:08 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: nmh-0.27-8.src.rpm  
Size : 4758227 License: freeware  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A capable mail handling system with a command line interface.  
Description :  
Nmh is an email system based on the MH email system and is intended to be a (mostly) compatible drop-in replacement for MH. Nmh isn't a single comprehensive program. Instead, it consists of a number of fairly simple single-purpose programs for sending, receiving, saving, retrieving and otherwise manipulating email messages. You can freely intersperse nmh commands with other shell commands or

write custom scripts which utilize nmh commands. If you want to use nmh as a true email user agent, you'll want to also install exmh to provide a user interface for it--nmh only has a command line interface.

If you'd like to use nmh commands in shell scripts, or if you'd like to use nmh and exmh together as your email user agent, you should install nmh.

Name : ntsysv Relocations: (not relocateable)  
Version : 1.0.6 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 05:44:02 1999  
Install date: Fri Oct 1 11:29:13 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: chkconfig-1.0.6-1.src.rpm  
Size : 23940 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A system tool for maintaining the /etc/rc.d hierarchy.

Description :

ntsysv updates and queries runlevel information for system services. ntsysv relieves system administrators of having to directly manipulate the numerous symbolic links in /etc/rc.d.

Name : ORBit Relocations: /usr  
Version : 0.4.3 Vendor: Red Hat Software  
Release : 2 Build Date: Fri Apr 9 23:38:17 1999  
Install date: Fri Oct 1 11:29:14 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: ORBit-0.4.3-2.src.rpm  
Size : 892530 License: LGPL/GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : High-performance CORBA Object Request Broker.

Description :

ORBit is a high-performance CORBA ORB (object request broker). It allows programs to send requests and receive replies from other programs, regardless of the locations of the two programs.

You will need to install this package and the related header files, libraries and utilities if you want to write programs that use CORBA technology.

Name : passwd Relocations: (not relocateable)  
Version : 0.58 Vendor: Red Hat Software  
Release : 1 Build Date: Wed Apr 14 16:21:39 1999  
Install date: Fri Oct 1 11:29:15 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: passwd-0.58-1.src.rpm  
Size : 15845 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The passwd utility for setting/changing passwords using PAM.

Description :

The passwd package contains a system utility (passwd) which sets and/or changes passwords, using PAM (Pluggable Authentication Modules).

To use passwd, you should have PAM installed on your system.

Name : perl Relocations: (not relocateable)  
Version : 5.00503 Vendor: Red Hat Software  
Release : 2 Build Date: Tue Apr 6 22:37:59 1999  
Install date: Fri Oct 1 11:29:37 1999 Build Host: porky.devel.redhat.com  
Group : Development/Languages Source RPM: perl-5.00503-2.src.rpm  
Size : 16156488 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The Perl programming language.

Description :

Perl is a high-level programming language with roots in C, sed, awk and shell scripting. Perl is good at handling processes and files, and is especially good at handling text. Perl's hallmarks are practicality and efficiency. While it is used to do a lot of different things, Perl's most common applications (and what it excels at) are probably system administration utilities and web programming. A large proportion of the CGI scripts on the web are written in Perl. You need the perl package installed on your system so that your system can handle Perl scripts.

Name : pidentd Relocations: (not relocateable)  
Version : 2.8.5 Vendor: Red Hat Software  
Release : 3 Build Date: Sun Mar 21 21:13:52 1999  
Install date: Fri Oct 1 11:29:41 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: pidentd-2.8.5-3.src.rpm  
Size : 132279 License: Public domain  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : An implementation of the RFC1413 identification server.

Description :

The pidentd package contains identd, which implements the RFC1413 identification server. Identd looks up specific TCP/IP connections and returns either the user name or other information about the process that owns the connection.

Name : pilot-link Relocations: (not relocateable)  
Version : 0.9.0 Vendor: Red Hat Software  
Release : 8 Build Date: Tue Apr 6 10:53:12 1999  
Install date: Fri Oct 1 11:29:42 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Communications Source RPM: pilot-link-0.9.0-8.src.rpm  
Size : 789393 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Pilot Link - USR Pilot to Unix transfer utilities.

Description :

This suite of tools allows you to upload and download programs

and data files between a \*nix machine and the USR Pilot. It has a few extra utils that will allow for things like syncing the Pilot's calendar app with Ical. Note that you might still need to consult the sources for pilot-link if you would like the Python, Tcl, or Perl bindings.

Name : pilot-link-devel Relocations: (not relocateable)  
Version : 0.9.0 Vendor: Red Hat Software  
Release : 8 Build Date: Tue Apr 6 10:53:12 1999  
Install date: Fri Oct 1 11:29:52 1999 Build Host: porky.devel.redhat.com  
Group : Development/Libraries Source RPM: pilot-link-0.9.0-8.src.rpm  
Size : 1674469 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Pilot development header files.

Description :

This package contains the development headers that are used to build the pilot-link package. It also includes the static libraries necessary to build static pilot apps.

Name : pine Relocations: (not relocateable)  
Version : 4.10 Vendor: Red Hat Software  
Release : 2 Build Date: Sun Mar 21 21:22:16 1999  
Install date: Fri Oct 1 11:29:56 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: pine-4.10-2.src.rpm  
Size : 3510189 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.washington.edu/pine>  
Summary : A commonly used, MIME compliant mail and news reader.

Description :

Pine is a very popular, easy to use, full-featured email user agent which includes a simple text editor called pico. Pine supports MIME extensions and can also be used to read news. Pine also supports IMAP, mail and MH style folders.

Pine should be installed because Pine is a very commonly used email user agent and it is currently in development.

Name : playmidi Relocations: (not relocateable)  
Version : 2.4 Vendor: Red Hat Software  
Release : 7 Build Date: Sun Mar 21 21:28:53 1999  
Install date: Fri Oct 1 11:29:59 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: playmidi-2.4-7.src.rpm  
Size : 137094 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A MIDI sound file player.

Description :

Playmidi plays MIDI (Musical Instrument Digital Interface) sound files through a sound card synthesizer. This package includes basic drum samples for use with simple FM synthesizers.

Install playmidi if you want to play MIDI files using your computer's sound card.

Name : playmidi-X11 Relocations: (not relocateable)  
Version : 2.4 Vendor: Red Hat Software  
Release : 7 Build Date: Sun Mar 21 21:28:53 1999  
Install date: Fri Oct 1 11:29:59 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: playmidi-2.4-7.src.rpm  
Size : 40165 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : An X Window System based MIDI sound file player.  
Description :

Playmidi-X11 provides an X Window System interface for playing MIDI (Musical Instrument Digital Interface) sound files through a sound card synthesizer. This package includes basic drum samples for use with simple FM synthesizers.

Install playmidi-X11 if you want to use an X interface to play MIDI sound files using your computer's sound card.

Name : portmap Relocations: (not relocateable)  
Version : 4.0 Vendor: Red Hat Software  
Release : 15 Build Date: Tue Mar 23 15:38:23 1999  
Install date: Fri Oct 1 11:29:59 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: portmap-4.0-15.src.rpm  
Size : 50751 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A program which manages RPC connections.  
Description :

The portmapper program is a security tool which prevents theft of NIS (YP), NFS and other sensitive information via the portmapper. A portmapper manages RPC connections, which are used by protocols like NFS and NIS.

The portmap package should be installed on any machine which acts as a server for protocols using RPC.

Name : printtool Relocations: (not relocateable)  
Version : 3.40 Vendor: Red Hat Software  
Release : 3 Build Date: Sun Mar 21 21:44:06 1999  
Install date: Fri Oct 1 11:30:02 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Publishing Source RPM: printtool-3.40-3.src.rpm  
Size : 116553 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A printer configuration tool with a graphical user interface.  
Description :

The printtool is a printer configuration tool with a graphical user interface. Printtool can manage both local and remote printers,

including Windows (SMB) and NetWare (NCP) printers.

Printtool should be installed so that you can manage local and remote printers.

Name : procmail Relocations: (not relocateable)  
Version : 3.13.1 Vendor: Red Hat Software  
Release : 2 Build Date: Tue Apr 6 17:31:58 1999  
Install date: Fri Oct 1 11:30:02 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: procmail-3.13.1-2.src.rpm  
Size : 205852 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The procmail mail processing program.

Description :

The procmail program is used by Red Hat Linux for all local mail delivery. In addition to just delivering mail, procmail can be used for automatic filtering, presorting and other mail handling jobs.

Procmail is also the basis for the SmartList mailing list processor.

Name : procps Relocations: (not relocateable)  
Version : 2.0.2 Vendor: Red Hat Software  
Release : 2 Build Date: Sat Apr 3 12:09:51 1999  
Install date: Fri Oct 1 11:30:03 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: procps-2.0.2-2.src.rpm  
Size : 306130 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Utilities for monitoring your system and processes on your system.

Description :

The procps package contains a set of system utilities which provide system information. Procps includes ps, free, skill, snice, load, top, uptime, vmstat, w, and watch. The ps command displays a snapshot of running processes. The top command provides a repetitive update of the statuses of running processes. The free command displays the amounts of free and used memory on your system.

The skill command sends a terminate command (or another specified signal) to a specified set of processes. The snice command is used to change the scheduling priority of specified processes. The load command prints a graph of the current system load average to a specified tty. The uptime command displays the current time, how long the system has been running, how many users are logged on and system load averages for the past one, five and fifteen minutes. The w command displays a list of the users who are currently logged on and what they're running. The watch program watches a running program. The vmstat command displays virtual memory statistics about processes, memory, paging, block I/O, traps and CPU activity.

Name : psmisc Relocations: (not relocateable)  
Version : 18 Vendor: Red Hat Software

Release : 2 Build Date: Sun Mar 21 21:47:18 1999  
Install date: Fri Oct 1 11:30:04 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: psmisc-18-2.src.rpm  
Size : 47708 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Utilities for managing processes on your system.

Description :

The psmisc package contains utilities for managing processes on your system: pstree, killall and fuser. The pstree command displays a tree structure of all of the running processes on your system. The killall command sends a specified signal (SIGTERM if nothing is specified) to processes identified by name. The fuser command identifies the PIDs of processes that are using specified files or filesystems.

Name : pump Relocations: (not relocateable)  
Version : 0.6.4 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 14:37:22 1999  
Install date: Fri Oct 1 11:30:04 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: pump-0.6.4-1.src.rpm  
Size : 31258 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Bootp and dhcp client for automatic IP configuration

Description :

DHCP (Dynamic Host Configuration Protocol) and BOOTP (Boot Protocol) are protocols which allow individual devices on an IP network to get their own network configuration information (IP address, subnetmask, broadcast address, etc.) from network servers. The overall purpose of DHCP and BOOTP is to make it easier to administer a large network.

Pump is a combined BOOTP and DHCP client daemon, which allows your machine to retrieve configuration information from a server. You should install this package if you are on a network which uses BOOTP or DHCP.

Name : python Relocations: (not relocateable)  
Version : 1.5.1 Vendor: Red Hat Software  
Release : 10 Build Date: Sun Mar 21 21:50:54 1999  
Install date: Fri Oct 1 11:30:12 1999 Build Host: porky.devel.redhat.com  
Group : Development/Languages Source RPM: python-1.5.1-10.src.rpm  
Size : 5968905 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : An interpreted, interactive object-oriented programming language.

Description :

Python is an interpreted, interactive, object-oriented programming language often compared to Tcl, Perl, Scheme or Java. Python includes modules, classes, exceptions, very high level dynamic data types and dynamic typing. Python supports interfaces to many system calls and libraries, as well as to various windowing systems (X11, Motif, Tk,

Mac and MFC).

Programmers can write new built-in modules for Python in C or C++. Python can be used as an extension language for applications that need a programmable interface. This package contains most of the standard Python modules, as well as modules for interfacing to the Tix widget set for Tk and RPM.

Note that documentation for Python is provided in the python-docs package.

Name : pythonlib Relocations: (not relocateable)  
Version : 1.22 Vendor: Red Hat Software  
Release : 5 Build Date: Sun Mar 21 21:54:34 1999  
Install date: Fri Oct 1 11:30:15 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: pythonlib-1.22-5.src.rpm  
Size : 242504 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A library of Python code used by various Red Hat Linux programs.

Description :

The pythonlib package contains Python code used by a variety of Red Hat Linux programs. Pythonlib includes code needed for multifield listboxes and entry widgets with non-standard keybindings, among other things.

Name : qt Relocations: (not relocateable)  
Version : 1.44 Vendor: Red Hat Software  
Release : 6 Build Date: Sat Apr 17 23:07:30 1999  
Install date: Fri Oct 1 11:30:17 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: qt-1.44-6.src.rpm  
Size : 2153579 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.troll.no>  
Summary : Shared library for the Qt GUI toolkit

Description :

Qt is a GUI software toolkit. Qt simplifies the task of writing and maintaining GUI (graphical user interface) applications for X Windows.

Qt is written in C++ and is fully object-oriented. It has everything you need to create professional GUI applications. And it enables you to create them quickly.

Qt is a multi-platform toolkit. When developing software with Qt, you can run it on the X Window System (Unix/X11) or Microsoft Windows NT and Windows 95/98. Simply recompile your source code on the platform you want.

This package contains the shared library needed to run Qt applications,

as well as the README files for Qt.

Name : quota Relocations: (not relocateable)  
Version : 1.66 Vendor: Red Hat Software  
Release : 6 Build Date: Tue Apr 13 10:05:47 1999  
Install date: Fri Oct 1 11:30:19 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: quota-1.66-6.src.rpm  
Size : 79332 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : System administration tools for monitoring users' disk usage.  
Description :

The quota package contains system administration tools for monitoring and limiting users' and or groups' disk usage, per filesystem.

Name : rdate Relocations: (not relocateable)  
Version : 0.960923 Vendor: Red Hat Software  
Release : 8 Build Date: Sun Mar 21 21:57:18 1999  
Install date: Fri Oct 1 11:30:19 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: rdate-0.960923-8.src.rpm  
Size : 5733 License: none  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Retrieving the date and time from another machine on your network.  
Description :

The rdate utility retrieves the date and time from another machine on your network, using the protocol described in RFC 868. If you run rdate as root, it will set your machine's local time to the time of the machine that you queried. Note that rdate isn't scrupulously accurate. If you are worried about milliseconds, get the xntpd program instead.

Name : rdist Relocations: (not relocateable)  
Version : 6.1.5 Vendor: Red Hat Software  
Release : 7 Build Date: Tue Apr 13 14:20:37 1999  
Install date: Fri Oct 1 11:30:19 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: rdist-6.1.5-7.src.rpm  
Size : 144675 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.MagniComp.com/A/rdist>  
Summary : Maintains identical copies of files on multiple machines.  
Description :

The rdist program maintains identical copies of files on multiple hosts. If possible, rdist will preserve the owner, group, mode and mtime of files and it can update programs that are executing.

Name : readline Relocations: /usr  
Version : 2.2.1 Vendor: Red Hat Software  
Release : 5 Build Date: Fri Apr 9 19:58:06 1999  
Install date: Fri Oct 1 11:30:20 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: readline-2.2.1-5.src.rpm

Size : 257956 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A library for reading and returning lines from a terminal.  
Description :  
The readline library reads a line from the terminal and returns it, allowing the user to edit the line with standard emacs editing keys. The readline library allows programmers to provide an easy to use and more intuitive interface for users.

If you want to develop programs that will use the readline library, you'll also need to install the readline-devel package.

Name : redhat-logos Relocations: (not relocateable)  
Version : 1.0.5 Vendor: Red Hat Software  
Release : 1 Build Date: Sat Apr 10 17:13:57 1999  
Install date: Fri Oct 1 11:30:22 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: redhat-logos-1.0.5-1.src.rpm  
Size : 525127 License: Copyright © 1999 Red Hat Software, Inc.  
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Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Red Hat Software-related icons and pictures  
Description :

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Name : rhs-hwdiag Relocations: (not relocateable)  
Version : 0.36 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 12 17:27:55 1999  
Install date: Fri Oct 1 11:30:23 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: rhs-hwdiag-0.36-1.src.rpm  
Size : 76886 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.redhat.com/~msf/#hwdiag>  
Summary : Red Hat utilities for probing and diagnosing system hardware.

Description :

The rhs-hwdiag package contains the Red Hat Hardware Discovery Tools. These tools probe the serial and parallel ports on your system, and are useful for finding and reporting hardware errors to Red Hat support if you're having problems. These tools could cause adverse side-effects in some situations, so you should use them carefully.

Name : rhs-printfilters Relocations: (not relocateable)  
Version : 1.51 Vendor: Red Hat Software  
Release : 2 Build Date: Mon Apr 5 18:23:46 1999  
Install date: Fri Oct 1 11:30:23 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Publishing Source RPM: rhs-printfilters-1.51-2.src.rpm  
Size : 94993 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Red Hat print filters, for use with the printtool.

Description :

The rhs-printfilters package contains a set of print filters which are primarily meant to be used with the Red Hat printtool. These print filters provide an easy way for users to handle printing numerous file formats.

Name : rhsound Relocations: (not relocateable)

Version : 1.8 Vendor: Red Hat Software  
Release : 1 Build Date: Tue Mar 30 10:52:27 1999  
Install date: Fri Oct 1 11:30:23 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: rhsound-1.8-1.src.rpm  
Size : 11962 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A script that saves and restores sound mixer settings.  
Description :

The rhsound package provides a script which can save and restore the mixer settings and volume level of the standard kernel sound drivers. These mixer settings are preserved through shutdowns and restarts.

Install the rhsound package if you need to preserve the kernel sound driver module's mixer settings through shutdowns and reboots.

Name : rootfiles Relocations: (not relocateable)  
Version : 5.2 Vendor: Red Hat Software  
Release : 5 Build Date: Sun Mar 21 22:00:32 1999  
Install date: Fri Oct 1 11:30:24 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: rootfiles-5.2-5.src.rpm  
Size : 1912 License: public domain  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The basic required files for the root user's directory.  
Description :

The rootfiles package contains basic required files that are placed in the root user's account. These files are basically the same as the files found in the etcskel package, which are placed in regular users' home directories.

Name : routed Relocations: (not relocateable)  
Version : 0.10 Vendor: Red Hat Software  
Release : 14 Build Date: Sun Mar 21 22:00:54 1999  
Install date: Fri Oct 1 11:30:24 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: routed-0.10-14.src.rpm  
Size : 40632 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The routing daemon which maintains routing tables.  
Description :

The routed routing daemon handles incoming RIP traffic and broadcasts outgoing RIP traffic about network traffic routes, in order to maintain current routing tables. These routing tables are essential for a networked computer, so that it knows where packets need to be sent.

The routed package should be installed on any networked machine.

Name : rpm Relocations: (not relocateable)  
Version : 3.0 Vendor: Red Hat Software  
Release : 6.0 Build Date: Mon Apr 19 03:49:21 1999

Install date: Fri Oct 1 11:30:27 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: rpm-3.0-6.0.src.rpm  
Size : 1699677 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The Red Hat package management system.

Description :

The Red Hat Package Manager (RPM) is a powerful command line driven package management system capable of installing, uninstalling, verifying, querying, and updating software packages. Each software package consists of an archive of files along with information about the package like its version, a description, etc.

Name : rsh Relocations: (not relocateable)  
Version : 0.10 Vendor: Red Hat Software  
Release : 25 Build Date: Thu Apr 15 17:48:53 1999

Install date: Fri Oct 1 11:30:28 1999 Build Host: porky.devel.redhat.com

Group : Applications/Internet Source RPM: rsh-0.10-25.src.rpm  
Size : 119039 License: BSD

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>

Summary : Clients and servers for remote access commands (rsh, rlogin, rcp).

Description :

The rsh package contains a set of programs which allow users to run commands on remote machines, login to other machines and copy files between machines (rsh, rlogin and rcp). All three of these commands use rhosts style authentication. This package contains the clients and servers needed for all of these services. It also contains a server for rexec, an alternate method of executing remote commands. All of these servers are run by inetd and configured using /etc/inetd.conf and PAM. The rexecd server is disabled by default, but the other servers are enabled.

The rsh package should be installed to enable remote access to other machines.

Name : rusers Relocations: (not relocateable)  
Version : 0.10 Vendor: Red Hat Software  
Release : 23 Build Date: Tue Apr 6 17:21:53 1999

Install date: Fri Oct 1 11:30:28 1999 Build Host: porky.devel.redhat.com

Group : System Environment/Daemons Source RPM: rusers-0.10-23.src.rpm  
Size : 56103 License: BSD

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>

Summary : Displays the users logged into machines on the local network.

Description :

The rusers program allows users to find out who is logged into various machines on the local network. The rusers command produces output similar to who, but for the specified list of hosts or for all machines on the local network.

Install rusers if you need to keep track of who is logged into your local network.

Name : rwho Relocations: (not relocateable)  
Version : 0.10 Vendor: Red Hat Software  
Release : 23 Build Date: Fri Apr 9 13:15:42 1999  
Install date: Fri Oct 1 11:30:29 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: rwho-0.10-23.src.rpm  
Size : 33916 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Displays who is logged in to local network machines.  
Description :

The rwho command displays output similar to the output of the who command (it shows who is logged in) for all machines on the local network running the rwho daemon.

Install the rxvt command if you need to keep track of the users who are logged in to your local network.

Name : rxvt Relocations: (not relocateable)  
Version : 2.6.PRE2 Vendor: Red Hat Software  
Release : 5 Build Date: Fri Mar 26 14:53:23 1999  
Install date: Fri Oct 1 11:30:31 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/X Source RPM: rxvt-2.6.PRE2-5.src.rpm  
Size : 501895 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A color VT102 terminal emulator for the X Window System.  
Description :

Rxvt is a color VT102 terminal emulator for the X Window System. Rxvt is intended to be an xterm replacement for users who don't need the more esoteric features of xterm, like Tektronix 4014 emulation, session logging and toolkit style configurability. Since it doesn't support those features, rxvt uses much less swap space than xterm uses. This is a significant advantage on a machine which is serving a large number of X sessions.

The rxvt package should be installed on any machine which serves a large number of X sessions, if you'd like to improve that machine's performance.

Name : samba Relocations: (not relocateable)  
Version : 2.0.3 Vendor: Red Hat Software  
Release : 8 Build Date: Thu Apr 15 23:53:57 1999  
Install date: Fri Oct 1 11:30:39 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: samba-2.0.3-8.src.rpm  
Size : 6491555 License: GNU GPL Version 2  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Samba SMB client and server.  
Description :

Samba provides an SMB server which can be used to provide network services to SMB (sometimes called "Lan Manager") clients, including various versions of MS Windows, OS/2, and other Linux machines. Samba also provides some SMB clients, which complement the built-in SMB filesystem in Linux. Samba uses NetBIOS over TCP/IP (NetBT) protocols and does NOT need NetBEUI (Microsoft Raw NetBIOS frame) protocol.

Samba-2 features an almost working NT Domain Control capability and includes the new SWAT (Samba Web Administration Tool) that allows samba's smb.conf file to be remotely managed using your favourite web browser. For the time being this is being enabled on TCP port 901 via inetd.

Please refer to the WHATSNEW.txt document for fixup information. This binary release includes encrypted password support. Please read the smb.conf file and ENCRYPTION.txt in the docs directory for implementation details.

NOTE: Red Hat Linux 5.X Uses PAM which has integrated support for Shadow passwords. Do NOT recompile with the SHADOW\_PWD option enabled. Red Hat Linux has built in support for quotas in PAM.

Name : sash Relocations: (not relocateable)  
Version : 2.1 Vendor: Red Hat Software  
Release : 4 Build Date: Sun Mar 21 22:19:52 1999  
Install date: Fri Oct 1 11:30:45 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Shells Source RPM: sash-2.1-4.src.rpm  
Size : 411845 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A statically linked shell, including some built-in basic commands.  
Description :

Sash is a simple, standalone, statically linked shell which includes simplified versions of built-in commands like ls, dd and gzip. Sash is statically linked so that it can work without shared libraries, so it is particularly useful for recovering from certain types of system failures. Sash can also be used to safely upgrade to new versions of shared libraries.

Name : sendmail Relocations: (not relocateable)  
Version : 8.9.3 Vendor: Red Hat Software  
Release : 10 Build Date: Mon Apr 19 15:38:47 1999  
Install date: Fri Oct 1 11:30:49 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: sendmail-8.9.3-10.src.rpm  
Size : 519054 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A widely used Mail Transport Agent (MTA).

Description :

The Sendmail program is a very widely used Mail Transport Agent (MTA). MTAs send mail from one machine to another. Sendmail is not a client program, which you use to read your email. Sendmail is a behind-the-scenes program which actually moves your email over networks or the Internet to where you want it to go.

If you ever need to reconfigure Sendmail, you'll also need to have the sendmail.cf package installed. If you need documentation on Sendmail, you can install the sendmail-doc package.

Name : setconsole Relocations: (not relocateable)  
Version : 1.0 Vendor: Red Hat Software  
Release : 8 Build Date: Sun Mar 21 22:25:16 1999  
Install date: Fri Oct 1 11:30:57 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: setconsole-1.0-8.src.rpm  
Size : 3610 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Sets the system to use either a local terminal or a serial console.

Description :

Setconsole is a basic system utility for setting up the /etc/inittab, /dev/systty and /dev/console files to handle a new console. The console can be either the local terminal (i.e., directly attached to the system via a video card) or a serial console.

Name : setserial Relocations: (not relocateable)  
Version : 2.15 Vendor: Red Hat Software  
Release : 2 Build Date: Sun Mar 21 22:25:34 1999  
Install date: Fri Oct 1 11:30:57 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: setserial-2.15-2.src.rpm  
Size : 37904 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A utility for configuring serial ports.

Description :

Setserial is a basic system utility for displaying or setting serial port information. Setserial can reveal and allow you to alter the I/O port and IRQ that a particular serial device is using, and more.

You should install setserial because you may find it useful for detecting and/or altering device information.

Name : setuptool Relocations: (not relocateable)  
Version : 1.2 Vendor: Red Hat Software  
Release : 2 Build Date: Mon Apr 5 22:24:51 1999  
Install date: Fri Oct 1 11:30:57 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: setuptool-1.2-2.src.rpm  
Size : 7499 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>

Summary : A text mode configuration tool.

Description :

Setuptools is a user-friendly text mode menu utility which allows you to access all of the text mode configuration programs included in the Red Hat Linux operating system.

You should install the setuptools package because you will find yourself using its features for essential system administration.

Name : sharutils Relocations: (not relocateable)  
Version : 4.2 Vendor: Red Hat Software  
Release : 12 Build Date: Sun Mar 21 22:40:32 1999  
Install date: Fri Oct 1 11:30:58 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Archiving Source RPM: sharutils-4.2-12.src.rpm  
Size : 226668 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The GNU shar utilities for packaging and unpacking shell archives.

Description :

The sharutils package contains the GNU shar utilities, a set of tools for encoding and decoding packages of files (in binary or text format) in a special plain text format called shell archives (shar). This format can be sent through email (which can be problematic for regular binary files). The shar utility supports a wide range of capabilities (compressing, uuencoding, splitting long files for multi-part mailings, providing checksums), which make it very flexible at creating shar files. After the files have been sent, the unshar tool scans mail messages looking for shar files. Unshar automatically strips off mail headers and introductory text and then unpacks the shar files.

Install sharutils if you send binary files through email very often.

Name : slang Relocations: (not relocateable)  
Version : 1.2.2 Vendor: Red Hat Software  
Release : 4 Build Date: Sun Mar 21 09:39:56 1999  
Install date: Fri Oct 1 11:30:58 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: slang-1.2.2-4.src.rpm  
Size : 256489 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <ftp://space.mit.edu/pub/davis/slang/>  
Summary : The shared library for the S-Lang extension language.

Description :

S-Lang is an interpreted language and a programming library. The S-Lang language was designed so that it can be easily embedded into a program to provide the program with a powerful extension language. The S-Lang library, provided in this package, provides the S-Lang

extension language. S-Lang's syntax resembles C, which makes it easy to recode S-Lang procedures in C if you need to.

Name : slocate Relocations: (not relocateable)  
Version : 1.4 Vendor: Red Hat Software  
Release : 7 Build Date: Mon Apr 19 13:55:48 1999  
Install date: Fri Oct 1 11:31:07 1999 Build Host: porky.devel.redhat.com  
Group : Applications/File Source RPM: slocate-1.4-7.src.rpm  
Size : 20412 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Finds files on a system via a central database.

Description :

slocate searches through a central database (updated nightly) for files which match a given glob pattern. This allows you to quickly find files anywhere on your system.

Name : slrn Relocations: (not relocateable)  
Version : 0.9.5.4 Vendor: Red Hat Software  
Release : 5 Build Date: Mon Apr 19 10:13:25 1999  
Install date: Fri Oct 1 11:31:09 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: slrn-0.9.5.4-5.src.rpm  
Size : 423300 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://space.mit.edu/~davis/slrn.html>  
Summary : A powerful, easy to use, threaded Internet news reader.

Description :

SLRN is a powerful, easy to use, threaded Internet news reader. SLRN is highly customizable and allows you to design complex filters to sort or kill news articles. SLRN works well over slow network connections, and includes a utility for reading news off-line.

Install slrn if you need a full-featured news reader, if you have a slow network connection, or if you'd like to save on-line time by reading your news off-line.

Name : sndconfig Relocations: (not relocateable)  
Version : 0.33 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 13:29:53 1999  
Install date: Fri Oct 1 11:31:12 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: sndconfig-0.33-1.src.rpm  
Size : 313707 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The Red Hat Linux sound configuration tool.

Description :

Sndconfig is a text based tool which sets up the configuration files you'll need to use a sound card with a Red Hat Linux system. Sndconfig can be used to set the proper sound type for programs which use the /dev/dsp, /dev/audio and /dev/mixer devices. The sound settings are saved by the aumix and sysV runlevel scripts.

Install sndconfig if you need to configure your sound card.

Name : sox Relocations: (not relocateable)  
Version : 12.15 Vendor: Red Hat Software  
Release : 5 Build Date: Thu Apr 1 16:36:40 1999  
Install date: Fri Oct 1 11:31:13 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: sox-12.15-5.src.rpm  
Size : 239394 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://home.sprynet.com/sprynet/cbagwell/>  
Summary : A general purpose sound file conversion tool.

Description :

SoX (Sound eXchange) is a sound file format converter for Linux, UNIX and DOS PCs. The self-described 'Swiss Army knife of sound tools,' SoX can convert between many different digitized sound formats and perform simple sound manipulation functions, including sound effects.

Install the sox package if you'd like to convert sound file formats or manipulate some sounds.

Name : stat Relocations: (not relocateable)  
Version : 1.5 Vendor: Red Hat Software  
Release : 11 Build Date: Sun Mar 21 22:50:46 1999  
Install date: Fri Oct 1 11:31:14 1999 Build Host: porky.devel.redhat.com  
Group : Applications/File Source RPM: stat-1.5-11.src.rpm  
Size : 6945 License: none  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A tool for finding out information about a specified file.

Description :

The stat utility prints out filesystem level information about a specified file, including size, permissions, link count, inode, etc.

Name : svgalib Relocations: (not relocateable)  
Version : 1.3.1 Vendor: Red Hat Software  
Release : 5 Build Date: Tue Apr 13 11:10:13 1999  
Install date: Fri Oct 1 11:31:15 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: svgalib-1.3.1-5.src.rpm  
Size : 771098 License: distributable  
Packager : Red Hat Software <[http://developer.redhat.com/bugzilla](http://developer.redhat.com/bugzilla/)>  
Summary : A low-level fullscreen SVGA graphics library.

Description :

The svgalib package provides the SVGAlib low-level graphics library for Linux. SVGAlib is a library which allows applications to use full screen graphics on a variety of hardware platforms. Many games and utilities use SVGAlib for their graphics.

You'll need to have the svgalib package installed if you use any of the

programs which rely on SVGAlib for their graphics support.

Name : switchdesk Relocations: /usr  
Version : 1.7.0 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 13:39:14 1999  
Install date: Fri Oct 1 11:31:17 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: switchdesk-1.7.0-1.src.rpm  
Size : 92867 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Desktop Switcher - switch between GNOME, KDE and AnotherLevel.  
Description :

The Desktop Switcher is a tool which enables users to easily switch between various desktop environments that they have installed. The tool includes support for GNOME, KDE, and AnotherLevel. Support for different environments on different computers is available, as well as setting a "global default."

Name : switchdesk-gnome Relocations: /usr  
Version : 1.7.0 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 13:39:14 1999  
Install date: Fri Oct 1 11:31:17 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: switchdesk-1.7.0-1.src.rpm  
Size : 11288 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : GNOME interface to the Desktop Switcher.  
Description :

Provides the desktop switching tool with a GNOME look and feel.

Name : switchdesk-kde Relocations: /usr  
Version : 1.7.0 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 13:39:14 1999  
Install date: Fri Oct 1 11:31:17 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: switchdesk-1.7.0-1.src.rpm  
Size : 22864 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : KDE interface to the Desktop Switcher.  
Description :

Provides the desktop switching Tool with a KDE look and feel.

Name : sysklogd Relocations: (not relocateable)  
Version : 1.3.31 Vendor: Red Hat Software  
Release : 6 Build Date: Tue Apr 13 13:26:46 1999  
Install date: Fri Oct 1 11:31:18 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: sysklogd-1.3.31-6.src.rpm  
Size : 113949 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : System logging and kernel message trapping daemons.  
Description :

The sysklogd package contains two system utilities (syslogd and klogd) which provide support for system logging. Syslogd and klogd run as daemons (background processes) and log system messages to different

places, like sendmail logs, security logs, error logs, etc.

Name : SysVinit Relocations: (not relocateable)  
Version : 2.74 Vendor: Red Hat Software  
Release : 11 Build Date: Sat Apr 17 10:29:06 1999  
Install date: Fri Oct 1 11:31:22 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: SysVinit-2.74-11.src.rpm  
Size : 154850 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The System V system initialization program.

Description :

The SysVinit package contains a group of processes that control the very basic functions of your system. SysVinit is the first program started by the Linux kernel when the system boots, controlling the startup, running and shutdown of all other programs.

Name : talk Relocations: (not relocateable)  
Version : 0.11 Vendor: Red Hat Software  
Release : 1 Build Date: Fri Apr 9 12:13:59 1999  
Install date: Fri Oct 1 11:31:22 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: talk-0.11-1.src.rpm  
Size : 37038 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Talk client for one-on-one Internet chatting.

Description :

The ntalk package provides client and daemon programs for the Internet talk protocol, which allows you to chat with other users on different systems. Talk is a communication program which copies lines from one terminal to the terminal of another user.

Install ntalk if you'd like to use talk for chatting with users on different systems.

Name : tar Relocations: (not relocateable)  
Version : 1.12 Vendor: Red Hat Software  
Release : 9 Build Date: Mon Mar 29 11:16:59 1999  
Install date: Fri Oct 1 11:31:27 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Archiving Source RPM: tar-1.12-9.src.rpm  
Size : 485765 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A GNU file archiving program.

Description :

The GNU tar program saves many files together into one archive and can restore individual files (or all of the files) from the archive. Tar can also be used to add supplemental files to an archive and to update or list files in the archive.

Tar includes multivolume support, automatic archive compression/

decompression, the ability to perform remote archives and the ability to perform incremental and full backups.

If you want to use Tar for remote backups, you'll also need to install the rmt package.

You should install the tar package, because you'll find its compression and decompression utilities essential for working with files.

```
Name      : tcl                      Relocations: (not relocateable)
Version   : 8.0.4                  Vendor: Red Hat Software
Release   : 29                     Build Date: Thu Apr 8 17:14:28 1999
Install date: Fri Oct 1 11:31:30 1999   Build Host: porky.devel.redhat.com
Group     : Development/Languages    Source RPM: tcltk-8.0.4-29.src.rpm
Size      : 5648540                 License: BSD
Packager  : Red Hat Software <http://developer.redhat.com/bugzilla>
URL       : http://www.scripts.com
Summary  : An embeddable scripting language.
```

Description :

Tcl is a simple scripting language designed to be embedded into other applications. Tcl is designed to be used with Tk, a widget set, which is provided in the tk package. This package also includes tclsh, a simple example of a Tcl application.

If you're installing the tcl package and you want to use Tcl for development, you should also install the tk and tclx packages.

```
Name      : tclx                    Relocations: (not relocateable)
Version   : 8.0.4                  Vendor: Red Hat Software
Release   : 29                     Build Date: Thu Apr 8 17:14:28 1999
Install date: Fri Oct 1 11:31:36 1999   Build Host: porky.devel.redhat.com
Group     : Development/Languages    Source RPM: tcltk-8.0.4-29.src.rpm
Size      : 2001135                 License: BSD
Packager  : Red Hat Software <http://developer.redhat.com/bugzilla>
URL       : http://www.neosoft.com/
Summary  : Tcl/Tk extensions for POSIX systems.
```

Description :

TclX is a set of extensions which make it easier to use the Tcl scripting language for common UNIX/Linux programming tasks. TclX enhances Tcl support for files, network access, debugging, math, lists, and message catalogs. TclX can be used with both Tcl and Tcl/Tk applications.

Install TclX if you are developing applications with Tcl/Tk. You'll also need to install the tcl and tk packages.

```
Name      : tcp_wrappers            Relocations: (not relocateable)
Version   : 7.6                    Vendor: Red Hat Software
```

Release : 7 Build Date: Sun Mar 21 23:14:27 1999  
Install date: Fri Oct 1 11:31:37 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: tcp\_wrappers-7.6-7.src.rpm  
Size : 277119 License: Distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A security tool which acts as a wrapper for TCP daemons.  
Description :  
The tcp\_wrappers package provides small daemon programs which can monitor and filter incoming requests for systat, finger, ftp, telnet, rlogin, rsh, exec, tftp, talk and other network services.

Install the tcp\_wrappers program if you need a security tool for filtering incoming network services requests.

Name : tcpdump Relocations: /usr  
Version : 3.4 Vendor: Red Hat Software  
Release : 10 Build Date: Sun Mar 21 23:15:37 1999  
Install date: Fri Oct 1 11:31:38 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: tcpdump-3.4-10.src.rpm  
Size : 219683 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A network traffic monitoring tool.  
Description :  
Tcpcmdump is a command-line tool for monitoring network traffic. Tcpcmdump can capture and display the packet headers on a particular network interface or on all interfaces. Tcpcmdump can display all of the packet headers, or just the ones that match particular criteria.

Install tcpcmdump if you need a program to monitor network traffic.

Name : tcsh Relocations: (not relocateable)  
Version : 6.08.00 Vendor: Red Hat Software  
Release : 5 Build Date: Sun Mar 21 23:17:24 1999  
Install date: Fri Oct 1 11:31:39 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Shells Source RPM: tcsh-6.08.00-5.src.rpm  
Size : 499895 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.primite.wisc.edu/software/csh-tcsh-book/>  
Summary : An enhanced version of csh, the C shell.

Description :

Tcsh is an enhanced but completely compatible version of csh, the C shell. Tcsh is a command language interpreter which can be used both as an interactive login shell and as a shell script command processor. Tcsh includes a command line editor, programmable word completion, spelling correction, a history mechanism, job control and a C language like syntax.

Name : telnet Relocations: (not relocateable)  
Version : 0.10 Vendor: Red Hat Software

Release : 27 Build Date: Thu Apr 15 14:26:44 1999  
Install date: Fri Oct 1 11:31:41 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: telnet-0.10-27.src.rpm  
Size : 140961 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The client and server programs for the telnet remote login protocol.  
Description :  
Telnet is a popular protocol for logging into remote systems over the Internet. The telnet package provides a command line telnet client as well as a telnet daemon, which will support remote logins into the host machine. The telnet daemon is enabled by default. You may disable the telnet daemon by editing /etc/inetd.conf.

Install the telnet package if you want to telnet to remote machines and/or support remote logins to your own machine.

Name : tetex-xdvi Relocations: (not relocateable)  
Version : 0.9 Vendor: Red Hat Software  
Release : 17 Build Date: Mon Apr 5 20:25:00 1999  
Install date: Fri Oct 1 11:31:42 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Publishing Source RPM: tetex-0.9-17.src.rpm  
Size : 988089 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.tug.org/teTeX/>  
Summary : An X viewer for DVI files.  
Description :  
Xdvi allows you to preview the TeX text formatting system's output .dvi files on an X Window System.

If you are installing tetex, so that you can use the TeX text formatting system, you will also need to install tetex-xdvi. In addition, you will need to install tetex-afm (a PostScript font converter for TeX), tetex-dvilj (for converting .dvi files to HP PCL format for printing on HP and HP compatible printers), tetex-dvips (for converting .dvi files to PostScript format for printing on PostScript printers), and tetex-latex (a higher level formatting package which provides an easier-to-use interface for TeX). If you're not a TeX expert, you'll probably also want to install the tetex-doc package, which contains documentation for the TeX text formatting system.

Name : tftp Relocations: (not relocateable)  
Version : 0.10 Vendor: Red Hat Software  
Release : 23 Build Date: Wed Apr 7 18:20:11 1999  
Install date: Fri Oct 1 11:31:42 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: tftp-0.10-23.src.rpm  
Size : 33978 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The client and server for the Trivial File Transfer Protocol (TFTP).

Description :

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program, and TFTP, provide very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/inetd.conf, and is disabled by default on Red Hat Linux systems.

Name : time Relocations: /usr  
Version : 1.7 Vendor: Red Hat Software  
Release : 9 Build Date: Mon Mar 22 00:30:03 1999  
Install date: Fri Oct 1 11:31:43 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: time-1.7-9.src.rpm  
Size : 18921 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A GNU utility for monitoring a program's use of system resources.

Description :

The GNU time utility runs another program, collects information about the resources used by that program while it is running and displays the results.

Time can help developers optimize their programs.

Name : timeconfig Relocations: (not relocateable)  
Version : 2.7 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 05:48:39 1999  
Install date: Fri Oct 1 11:31:45 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: timeconfig-2.7-1.src.rpm  
Size : 397729 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Text mode tools for setting system time parameters.

Description :

The timeconfig package contains two utilities: timeconfig and setclock. Timeconfig provides a simple text mode tool for configuring the time parameters in /etc/sysconfig/clock and /etc/localtime. The setclock tool sets the hardware clock on the system to the current time stored in the system clock.

Name : timed Relocations: (not relocateable)  
Version : 0.10 Vendor: Red Hat Software  
Release : 23 Build Date: Sat Apr 17 12:16:25 1999  
Install date: Fri Oct 1 11:31:46 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: timed-0.10-23.src.rpm  
Size : 73570 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Programs for maintaining networked machines' time synchronization.

Description :

The timed package contains the timed daemon and the timedc program

for controlling the timed program. Timed synchronizes its host machine's time with the time on other local network machines. The timedc program is used to control and configure the operation of timed.

Install the timed package if you need a system for keeping networked machines' times in synchronization.

Name : timetool Relocations: (not relocateable)  
Version : 2.5 Vendor: Red Hat Software  
Release : 5 Build Date: Mon Mar 22 00:32:50 1999  
Install date: Fri Oct 1 11:31:46 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: timetool-2.5-5.src.rpm  
Size : 23181 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A utility for setting the system's date and time.

Description :

The timetool utility provides a graphical user interface for setting the current date and time on your system.

Name : tin Relocations: (not relocateable)  
Version : 1.4\_990216 Vendor: Red Hat Software  
Release : 3 Build Date: Mon Mar 22 00:35:10 1999  
Install date: Fri Oct 1 11:31:47 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: tin-1.4\_990216-3.src.rpm  
Size : 1222371 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A basic Internet news reader.

Description :

Tin is a basic, easy to use Internet news reader. Tin can read news locally or remotely via an NNTP (Network News Transport Protocol) server.

Install tin if you need a basic news reader.

Name : tix Relocations: (not relocateable)  
Version : 4.1.0.6 Vendor: Red Hat Software  
Release : 29 Build Date: Thu Apr 8 17:14:28 1999  
Install date: Fri Oct 1 11:31:49 1999 Build Host: porky.devel.redhat.com  
Group : Development/Languages Source RPM: tcltk-8.0.4-29.src.rpm  
Size : 2797890 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A set of capable widgets for Tk.

Description :

Tix (Tk Interface Extension), an add-on for the Tk widget set, is an extensive set of over 40 widgets. In general, Tix widgets are more complex and more capable than the widgets provided in Tk. Tix widgets include a ComboBox, a Motif-style FileSelectBox, an MS Windows-style FileSelectBox, a PanedWindow, a NoteBook, a hierarchical list, a directory tree and a file manager.

Install the tix package if you want to try out more complicated widgets for Tk. You'll also need to have the tcl and tk packages installed.

Name : tk Relocations: (not relocateable)  
Version : 8.0.4 Vendor: Red Hat Software  
Release : 29 Build Date: Thu Apr 8 17:14:28 1999  
Install date: Fri Oct 1 11:31:58 1999 Build Host: porky.devel.redhat.com  
Group : Development/Languages Source RPM: tcltk-8.0.4-29.src.rpm  
Size : 5416872 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.scriptics.com>  
Summary : Tk GUI toolkit for Tcl, with shared libraries

Description :

Tk is a X Windows widget set designed to work closely with the tcl scripting language. It allows you to write simple programs with full featured GUI's in only a little more time then it takes to write a text based interface. Tcl/Tk applications can also be run on Windows and Macintosh platforms.

Name : tkinter Relocations: (not relocateable)  
Version : 1.5.1 Vendor: Red Hat Software  
Release : 10 Build Date: Sun Mar 21 21:50:54 1999  
Install date: Fri Oct 1 11:32:01 1999 Build Host: porky.devel.redhat.com  
Group : Development/Languages Source RPM: python-1.5.1-10.src.rpm  
Size : 659229 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A graphical user interface for the Python scripting language.

Description :

The Tkinter (Tk interface) program is an graphical user interface for the Python scripting language.

You should install the tkinter package if you'd like to use a graphical user interface for Python programming.

Name : tksysv Relocations: (not relocateable)  
Version : 1.0 Vendor: Red Hat Software  
Release : 6 Build Date: Mon Mar 22 14:02:55 1999  
Install date: Fri Oct 1 11:32:01 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: tksysv-1.0-6.src.rpm  
Size : 36484 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : An X editor for editing runlevel services.

Description :

Tksysv is an X Window System based graphical interface for editing the services provided by different runlevels. Tksysv is used to set which services are stopped and which services are started in the different runlevels on your system.

Install the `tmpwatch` package if you'd like to use a graphical tool for editing runlevel services.

Name : `tmpwatch` Relocations: (not relocateable)  
Version : 1.7 Vendor: Red Hat Software  
Release : 1 Build Date: Thu Apr 8 12:48:23 1999  
Install date: Fri Oct 1 11:32:01 1999 Build Host: `porky.devel.redhat.com`  
Group : System Environment/Base Source RPM: `tmpwatch-1.7-1.src.rpm`  
Size : 9804 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A utility for removing files based on when they were last accessed.  
Description :

The `tmpwatch` utility recursively searches through specified directories and removes files which have not been accessed in a specified period of time. `Tmpwatch` is normally used to clean up directories which are used for temporarily holding files (for example, `/tmp`). `Tmpwatch` ignores symlinks, won't switch filesystems and only removes empty directories and regular files.

Name : `traceroute` Relocations: `/usr`  
Version : 1.4a5 Vendor: Red Hat Software  
Release : 14 Build Date: Mon Mar 22 14:53:20 1999  
Install date: Fri Oct 1 11:32:01 1999 Build Host: `porky.devel.redhat.com`  
Group : Applications/Internet Source RPM: `traceroute-1.4a5-14.src.rpm`  
Size : 27991 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Traces the route taken by packets over a TCP/IP network.  
Description :

The `traceroute` utility displays the route used by IP packets on their way to a specified network (or Internet) host. `Traceroute` displays the IP number and host name (if possible) of the machines along the route taken by the packets. `Traceroute` is used as a network debugging tool. If you're having network connectivity problems, `traceroute` will show you where the trouble is coming from along the route.

Install `trn` if you need a tool for diagnosing network connectivity problems.

Name : `trn` Relocations: (not relocateable)  
Version : 3.6 Vendor: Red Hat Software  
Release : 16 Build Date: Mon Mar 22 00:47:08 1999  
Install date: Fri Oct 1 11:32:02 1999 Build Host: `porky.devel.redhat.com`  
Group : Applications/Internet Source RPM: `trn-3.6-16.src.rpm`  
Size : 457228 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A news reader that displays postings in threaded format.  
Description :

`Trn` is a basic news reader that supports threading. This version is configured to read news from an NNTP news server.

Install `trn` if you need a basic news reader that shows you newsgroup postings in threaded format.

Name : `ucd-snmp` Relocations: (not relocateable)  
Version : 3.6.1 Vendor: Red Hat Software  
Release : 4 Build Date: Thu Apr 8 17:25:30 1999  
Install date: Fri Oct 1 11:32:05 1999 Build Host: `porky.devel.redhat.com`  
Group : System Environment/Daemons Source RPM: `ucd-snmp-3.6.1-4.src.rpm`  
Size : 1527523 License: BSDish  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A collection of SNMP protocol tools from UC-Davis.

Description :

SNMP (Simple Network Management Protocol) is a protocol used for network management (hence the name). The UCD-SNMP project includes various SNMP tools: an extensible agent, an SNMP library, tools for requesting or setting information from SNMP agents, tools for generating and handling SNMP traps, a version of the `netstat` command which uses SNMP, and a Tk/Perl `mib` browser. This package contains the `snmpd` and `snmptrapd` daemons, documentation, etc.

Install the `ucd-snmp` package if you need network management tools. You will probably also want to install the `ucd-snmp-utils` package, which contains UCD-SNMP utilities.

Name : `ucd-snmp-utils` Relocations: (not relocateable)  
Version : 3.6.1 Vendor: Red Hat Software  
Release : 4 Build Date: Thu Apr 8 17:25:30 1999  
Install date: Fri Oct 1 11:32:08 1999 Build Host: `porky.devel.redhat.com`  
Group : Applications/System Source RPM: `ucd-snmp-3.6.1-4.src.rpm`  
Size : 258253 License: BSDish  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Network management utilities using SNMP, from the UCD-SNMP project.

Description :

The `ucd-snmp` package contains various utilities for use with the UCD-SNMP network management project.

Install this package if you need utilities for managing your network using the SNMP protocol. You'll also need to install the `ucd-snmp` package.

Name : `umb-scheme` Relocations: (not relocateable)  
Version : 3.2 Vendor: Red Hat Software  
Release : 9 Build Date: Mon Mar 22 15:54:50 1999  
Install date: Fri Oct 1 11:32:09 1999 Build Host: `porky.devel.redhat.com`  
Group : Development/Languages Source RPM: `umb-scheme-3.2-9.src.rpm`  
Size : 1240367 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : An implementation of the Scheme programming language.

Description :

UMB Scheme is a public domain implementation of the Scheme programming language. Scheme is a statically scoped and properly tail-recursive dialect of the Lisp programming language, designed with clear and simple semantics and a minimal number of ways to form expressions.

Install the umb-scheme package if you need an implementation of the Scheme programming language.

Name : unzip Relocations: (not relocateable)  
Version : 5.31 Vendor: Red Hat Software  
Release : 5 Build Date: Mon Mar 22 00:56:16 1999  
Install date: Fri Oct 1 11:32:09 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Archiving Source RPM: unzip-5.31-5.src.rpm  
Size : 379716 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A utility for unpacking zip files.

Description :

The unzip utility is used to list, test, or extract files from a zip archive. Zip archives are commonly found on MS-DOS systems. The zip utility, included in the zip package, creates zip archives. Zip and unzip are both compatible with archives created by PKWARE(R)'s PKZIP for MS-DOS, but the programs' options and default behaviors do differ in some respects.

Install the unzip package if you need to list, test or extract files from a zip archive.

Name : urw-fonts Relocations: (not relocateable)  
Version : 1.1 Vendor: URW  
Release : 8 Build Date: Mon Mar 22 00:58:29 1999  
Install date: Fri Oct 1 11:32:12 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/X Source RPM: urw-fonts-1.1-8.src.rpm  
Size : 2211985 License: GPL, URW holds copyright  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.gimp.org/fonts.html>  
Summary : Free versions of the 35 standard PostScript fonts.

Description :

Free versions of the 35 standard PostScript fonts. With newer releases of ghostscript quality versions of the standard 35 Type 1 PostScript fonts are shipped. They were donated and licenced under the GPL by URW. The fonts.dir was specially made to match the original Adobe names of the fonts, e.g. Times, Helvetica etc. With X, LaTeX, or Ghostscript, these fonts are a must to have!

Name : usermode Relocations: (not relocateable)  
Version : 1.9 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 12 10:29:47 1999  
Install date: Fri Oct 1 11:32:13 1999 Build Host: porky.devel.redhat.com

Group : Applications/System Source RPM: usermode-1.9-1.src.rpm  
Size : 101322 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Graphical tools for certain user account management tasks.  
Description :

The usermode package contains several graphical tools for users: userinfo, usermount and userpasswd. Userinfo allows users to change their finger information. Usermount lets users mount, unmount, and format filesystems. Userpasswd allows users to change their passwords.

Install the usermode package if you would like to provide users with graphical tools for certain account management tasks.

Name : usernet Relocations: (not relocateable)  
Version : 1.0.9 Vendor: Red Hat Software  
Release : 2 Build Date: Mon Mar 22 00:59:39 1999  
Install date: Fri Oct 1 11:32:13 1999 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: usernet-1.0.9-2.src.rpm  
Size : 24974 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A graphical utility for controlling network interfaces.  
Description :

The usernet utility provides a graphical interface for manipulating network interfaces (bringing them up or down and viewing their status). Users can only manipulate interfaces that are user-controllable. The superuser can control all interfaces.

Install the usernet package if you'd like to provide a graphical utility for manipulating network interfaces.

Name : util-linux Relocations: (not relocateable)  
Version : 2.90 Vendor: Red Hat Software  
Release : 13 Build Date: Sat Apr 17 11:57:49 1999  
Install date: Fri Oct 1 11:32:15 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: util-linux-2.90-13.src.rpm  
Size : 983770 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A collection of basic system utilities.  
Description :

The util-linux package contains a large variety of low-level system utilities that are necessary for a Linux system to function. Among many features, Util-linux contains the fdisk configuration tool and login program.

You should install util-linux for its essential system tools.

Name : vim-common Relocations: (not relocateable)  
Version : 5.3 Vendor: Red Hat Software  
Release : 7 Build Date: Thu Mar 25 16:22:55 1999

Install date: Fri Oct 1 11:32:23 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Editors Source RPM: vim-5.3-7.src.rpm  
Size : 4460407 License: freeware  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The common files needed by any version of the VIM editor.  
Description :

VIM (VIsual editor iMproved) is an updated and improved version of the vi editor. Vi was the first real screen-based editor for UNIX, and is still very popular. VIM improves on vi by adding new features: multiple windows, multi-level undo, block highlighting and more. The vim-common package contains files which every VIM binary will need in order to run.

If you are installing any version of the VIM editor, you'll also need to the vim-common package installed.

Name : vim-minimal Relocations: (not relocateable)  
Version : 5.3 Vendor: Red Hat Software  
Release : 7 Build Date: Thu Mar 25 16:22:55 1999  
Install date: Fri Oct 1 11:32:24 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Editors Source RPM: vim-5.3-7.src.rpm  
Size : 455680 License: freeware  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A minimal version of the VIM editor.  
Description :

VIM (VIsual editor iMproved) is an updated and improved version of the vi editor. Vi was the first real screen-based editor for UNIX, and is still very popular. VIM improves on vi by adding new features: multiple windows, multi-level undo, block highlighting and more. The vim-minimal package includes a minimal version of VIM, which is installed into /bin/vi for use when only the root partition is present.

Name : vixie-cron Relocations: (not relocateable)  
Version : 3.0.1 Vendor: Red Hat Software  
Release : 33 Build Date: Wed Apr 14 18:09:48 1999  
Install date: Fri Oct 1 11:32:26 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: vixie-cron-3.0.1-33.src.rpm  
Size : 58402 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The Vixie cron daemon for executing specified programs at set times.  
Description :

The vixie-cron package contains the Vixie version of cron. Cron is a standard UNIX daemon that runs specified programs at scheduled times. Vixie cron adds better security and more powerful configuration options to the standard version of cron.

Name : which Relocations: /usr  
Version : 1.0 Vendor: Red Hat Software  
Release : 11 Build Date: Mon Mar 22 02:15:45 1999  
Install date: Fri Oct 1 11:32:26 1999 Build Host: porky.devel.redhat.com

Group : Applications/System Source RPM: which-1.0-11.src.rpm  
Size : 7591 License: distributable

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Displays where a particular program in your path is located.  
Description :

The which command shows the full pathname of a specified program, if the specified program is in your PATH.

Name : wmconfig Relocations: (not relocateable)

Version : 0.9.5 Vendor: Red Hat Software

Release : 1 Build Date: Fri Apr 16 21:24:51 1999

Install date: Fri Oct 1 11:32:27 1999 Build Host: porky.devel.redhat.com

Group : User Interface/Desktops Source RPM: wmconfig-0.9.5-1.src.rpm

Size : 54128 License: GPL

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>

Summary : A configuration tool for X window managers.

Description :

The wmconfig program is a helper program which provides output for use in configuring window managers. Wmconfig will produce a list of menu definitions for a specified X window manager (currently, FVWM2, FVWM95, AfterStep, MWM, IceWM and KDE are supported). Wmconfig's output can be placed into your .rc file or you can use the output for other configuration purposes.

Name : words Relocations: (not relocateable)

Version : 2 Vendor: Red Hat Software

Release : 12 Build Date: Mon Mar 22 02:19:24 1999

Install date: Fri Oct 1 11:32:28 1999 Build Host: porky.devel.redhat.com

Group : System Environment/Libraries Source RPM: words-2-12.src.rpm

Size : 421342 License: freeware

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>

Summary : A dictionary of English words for the /usr/dict directory.

Description :

The words file is a dictionary of English words for the /usr/dict directory. Programs like ispell use this database of words to check spelling.

Name : wu-ftpd Relocations: (not relocateable)

Version : 2.4.2vr17 Vendor: Red Hat Software

Release : 3 Build Date: Mon Apr 19 08:22:03 1999

Install date: Fri Oct 1 11:32:28 1999 Build Host: porky.devel.redhat.com

Group : System Environment/Daemons Source RPM: wu-ftpd-2.4.2vr17-3.src.rpm

Size : 403980 License: BSD

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>

Summary : An FTP daemon provided by Washington University.

Description :

The wu-ftpd package contains the wu-ftpd FTP (File Transfer Protocol) server daemon. The FTP protocol is a method of transferring files between machines on a network and/or over the Internet. Wu-ftpd's

features include logging of transfers, logging of commands, on the fly compression and archiving, classification of users' type and location, per class limits, per directory upload permissions, restricted guest accounts, system wide and per directory messages, directory alias, cdpath, filename filter and virtual host support.

Install the wu-ftp package if you need to provide FTP service to remote users.

Name : x11amp Relocations: (not relocateable)  
Version : 0.9\_alpha3 Vendor: Red Hat Software  
Release : 6 Build Date: Fri Apr 9 14:22:17 1999  
Install date: Fri Oct 1 11:32:35 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: x11amp-0.9\_alpha3-6.src.rpm  
Size : 1374741 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.x11amp.org>  
Summary : X11 mp3 player with features not unlike WinAMP.  
Description :  
X11amp is a X Windows based mp3 player with a nice interface borrowed from WinAMP.

For information on the MP3 License, please visit:

<http://www.mpeg.org/>

Name : X11R6-contrib Relocations: (not relocateable)  
Version : 3.3.2 Vendor: Red Hat Software  
Release : 6 Build Date: Sun Mar 21 13:12:26 1999  
Install date: Fri Oct 1 11:32:41 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/X Source RPM: X11R6-contrib-3.3.2-6.src.rpm  
Size : 485824 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A collection of user-contributed X Window System programs.  
Description :  
If you want to use the X Window System, you should install X11R6-contrib. This package holds many useful programs from the X Window System, version 11, release 6 contrib tape. The programs, contributed by various users, include listres, xbiff, xedit, xeyes, xcalc, xload and xman, among others.

You will also need to install the XFree86 package, the XFree86 package which corresponds to your video card, one or more of the XFree86 fonts packages, the Xconfigurator package and the XFree86-libs package.

Finally, if you are going to develop applications that run as X clients, you will also need to install XFree86-devel.

Name : xanim Relocations: /usr  
Version : 27070 Vendor: Red Hat Software  
Release : 4 Build Date: Mon Mar 22 02:23:44 1999  
Install date: Fri Oct 1 11:32:42 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Multimedia Source RPM: xanim-27070-4.src.rpm  
Size : 868338 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : An X based viewer for many animation/video/audio file formats.  
Description :  
The XAnim program is an animation/video/audio viewer for the X Window System. XAnim can display a large variety of animation, audio and video formats.

Install the xanim package if you need a viewer for an animation, video or audio file.

Name : Xaw3d Relocations: /usr  
Version : 1.3 Vendor: Red Hat Software  
Release : 21 Build Date: Sun Mar 21 12:34:48 1999  
Install date: Fri Oct 1 11:32:43 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: Xaw3d-1.3-21.src.rpm  
Size : 299602 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <ftp://ftp.x.org/contrib/widgets/Xaw3d/>  
Summary : A version of the MIT Athena widget set for X.  
Description :  
Xaw3d is an enhanced version of the MIT Athena Widget set for the X Window System. Xaw3d adds a three-dimensional look to applications with minimal or no source code changes.

You should install Xaw3d if you are using applications which incorporate the MIT Athena widget set and you'd like to incorporate a 3D look into those applications.

Name : xbanner Relocations: (not relocateable)  
Version : 1.31 Vendor: Red Hat Software  
Release : 7 Build Date: Wed Apr 7 13:43:53 1999  
Install date: Fri Oct 1 11:32:44 1999 Build Host: porky.devel.redhat.com  
Group : Amusements/Graphics Source RPM: xbanner-1.31-7.src.rpm  
Size : 374996 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A program for customizing the look of the standard XDM interface.  
Description :  
The XBanner program allows the display of text, patterns and images in the root window, so users can customize the XDM style login screen and/or the normal X background.

Install XBanner if you'd like to change the look of your X login screen

and/or X background.

Name : xchat Relocations: (not relocateable)  
Version : 0.9.4 Vendor: Red Hat Software  
Release : 3 Build Date: Thu Apr 8 20:05:05 1999  
Install date: Fri Oct 1 11:32:46 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: xchat-0.9.4-3.src.rpm  
Size : 201492 License: Freely distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://xchat.linuxpower.org>  
Summary : Gtk+ IRC client

Description :

X-Chat is yet another IRC client for the X Window System, using the Gtk+ toolkit. It is pretty easy to use compared to the other Gtk+ IRC clients and the interface is quite nicely designed.

Name : Xconfigurator Relocations: (not relocateable)  
Version : 4.2.3 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 05:45:54 1999  
Install date: Fri Oct 1 11:32:48 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/X Hardware Support Source RPM: Xconfigurator-4.2.3-1.src.rpm  
Size : 575405 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The Red Hat Linux configuration tool for the X Window System.

Description :

Xconfigurator is a full-screen, menu-driven program which walks you through setting up your X server. Xconfigurator is based on the sources for xf86config, a utility from XFree86.

You should install Xconfigurator if you are installing the X Window System.

Name : xdosemu Relocations: (not relocateable)  
Version : 0.99.10 Vendor: Red Hat Software  
Release : 4 Build Date: Wed Mar 31 14:07:06 1999  
Install date: Fri Oct 1 11:32:49 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Emulators Source RPM: dosemu-0.99.10-4.src.rpm  
Size : 27471 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.dosemu.org>  
Summary : A DOS emulator for the X Window System.

Description :

Xdosemu is a version of the dosemu DOS emulator that runs with the X Window System. Xdosemu provides VGA graphics and mouse support.

Install xdosemu if you need to run DOS programs on your system, and you'd like to do so with the convenience of graphics support and mouse

capabilities.

Name : xfm Relocations: (not relocateable)  
Version : 1.3.2 Vendor: Red Hat Software  
Release : 13 Build Date: Mon Mar 22 02:40:29 1999  
Install date: Fri Oct 1 11:32:50 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/Desktops Source RPM: xfm-1.3.2-13.src.rpm  
Size : 723814 License: freeware  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : An X Window System based file manager.

Description :

Xfm is a file manager for the X Window System. Xfm supports moving around the directory tree, multiple windows, moving/copying/deleting files, and launching programs.

Install xfm if you would like to use a graphical file manager program.

Name : XFree86 Relocations: (not relocateable)  
Version : 3.3.3.1 Vendor: Red Hat Software  
Release : 49 Build Date: Sun Apr 18 18:33:43 1999  
Install date: Fri Oct 1 11:33:11 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/X Source RPM: XFree86-3.3.3.1-49.src.rpm  
Size : 14611173 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : Part of the XFree86 implementation of the X Window System.

Description :

If you want to install the X Window System (TM) on your machine, you'll need to install XFree86.

The X Window System provides the base technology for developing graphical user interfaces. Simply stated, X draws the elements of the GUI on the user's screen and builds methods for sending user interactions back to the application. X also supports remote application deployment--running an application on another computer while viewing the input/output on your machine. X is a powerful environment which supports many different applications, such as games, programming tools, graphics programs, text editors, etc. XFree86 is the version of X which runs on Linux, as well as other platforms.

This package contains the basic fonts, programs and documentation for an X workstation. However, this package doesn't provide the program which you will need to drive your video hardware. To control your video card, you'll need the particular X server package which corresponds to your computer's video card.

In addition to installing this package, you will need to install the XFree86 package which corresponds to your video card, the

X11R6-contrib package, the Xconfigurator package and the XFree86-libs package. You may also need to install one of the XFree86 fonts packages.

And finally, if you are going to develop applications that run as X clients, you will also need to install XFree86-devel.

Name : XFree86-75dpi-fonts Relocations: (not relocateable)  
Version : 3.3.3.1 Vendor: Red Hat Software  
Release : 49 Build Date: Sun Apr 18 18:33:43 1999  
Install date: Fri Oct 1 11:33:16 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/X Source RPM: XFree86-3.3.3.1-49.src.rpm  
Size : 1086435 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A set of 75 dpi resolution fonts for the X Window System.

Description :

XFree86-75dpi-fonts contains the 75 dpi fonts used on most X Window Systems. If you're going to use the X Window System, you should install this package, unless you have a monitor which can support 100 dpi resolution. In that case, you may prefer the 100dpi fonts available in the XFree86-100dpi-fonts package.

You may also need to install other XFree86 font packages.

To install the X Window System, you will need to install the XFree86 package, the XFree86 package corresponding to your video card, the X11R6-contrib package, the Xconfigurator package and the XFree86-libs package.

Finally, if you are going to develop applications that run as X clients, you will also need to install the XFree86-devel package.

Name : XFree86-libs Relocations: (not relocateable)  
Version : 3.3.3.1 Vendor: Red Hat Software  
Release : 49 Build Date: Sun Apr 18 18:33:43 1999  
Install date: Fri Oct 1 11:33:19 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: XFree86-3.3.3.1-49.src.rpm  
Size : 2039016 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Shared libraries needed by the X Window System version 11 release 6.

Description :

XFree86-libs contains the shared libraries that most X programs need to run properly. These shared libraries are in a separate package in order to reduce the disk space needed to run X applications on a machine without an X server (i.e, over a network).

If you are installing the X Window System on your machine, you will need to

install XFree86-libs. You will also need to install the XFree86 package, the XFree86-75dpi-fonts package or the XFree86-100dpi-fonts package (depending upon your monitor's resolution), the Xconfigurator package and the X11R6-contrib package. And, finally, if you are going to be developing applications that run as X clients, you will also need to install XFree86-devel.

Name : XFree86-xf86\_www Relocations: (not relocateable)  
Version : 3.3.3.1 Vendor: Red Hat Software  
Release : 49 Build Date: Sun Apr 18 18:33:43 1999  
Install date: Fri Oct 1 11:33:30 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: XFree86-3.3.3.1-49.src.rpm  
Size : 497636 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Font server for XFree86

Description :

This is a font server for XFree86. You can serve fonts to other X servers remotely with this package, and the remote system will be able to use all fonts installed on the font server, even if they are not installed on the remote computer.

Name : xinitrc Relocations: (not relocateable)  
Version : 2.3 Vendor: Red Hat Software  
Release : 1 Build Date: Mon Apr 19 11:55:57 1999  
Install date: Fri Oct 1 11:33:32 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/X Source RPM: xinitrc-2.3-1.src.rpm  
Size : 9795 License: Public Domain  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The default startup script for the X Window System.

Description :

The xinitrc package contains the xinitrc file, a script which is used to configure your X Window System session or to start a window manager.

The xinitrc package should be installed if you use the X Window System.

Name : xmailbox Relocations: (not relocateable)  
Version : 2.5 Vendor: Red Hat Software  
Release : 7 Build Date: Mon Mar 22 03:00:47 1999  
Install date: Fri Oct 1 11:33:32 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: xmailbox-2.5-7.src.rpm  
Size : 34044 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : An X Window System utility which notifies you of new mail.

Description :

The xmailbox program is an X Window System program which notifies you when mail arrives. Xmailbox is similar to the xbiff program, but it offers more features and notification options.

Install the xmailbox package if you'd like a graphical program for X

which will notify you when new mail arrives.

Name : xpm Relocations: (not relocateable)  
Version : 3.4j Vendor: Red Hat Software  
Release : 5 Build Date: Mon Mar 22 03:19:24 1999  
Install date: Fri Oct 1 11:33:34 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: xpm-3.4j-5.src.rpm  
Size : 61615 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A pixmap library for the X Window System.

Description :

The xpm package contains the XPM pixmap library for the X Window System. The XPM library allows applications to display color, pixmapped images, and is used by many popular X programs.

Name : xrn Relocations: (not relocateable)  
Version : 9.01 Vendor: Red Hat Software  
Release : 3 Build Date: Mon Mar 22 03:26:17 1999  
Install date: Fri Oct 1 11:33:34 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Internet Source RPM: xrn-9.01-3.src.rpm  
Size : 259197 License: Distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : An X Window System based news reader.

Description :

A simple Usenet News reader for the X Window System. Xrn allows you to point and click your way through reading, replying and posting news messages.

Install the xrn package if you need a simple news reader for X.

Name : xscreensaver Relocations: (not relocateable)  
Version : 3.09 Vendor: Red Hat Software  
Release : 3 Build Date: Thu Apr 15 20:35:38 1999  
Install date: Fri Oct 1 11:33:39 1999 Build Host: porky.devel.redhat.com  
Group : Amusements/Graphics Source RPM: xscreensaver-3.09-3.src.rpm  
Size : 3405538 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.jwz.org/xscreensaver/>  
Summary : A set of X Window System screensavers.

Description :

The xscreensaver package contains a variety of screensavers for your mind-numbing, ambition-eroding, time-wasting, hypnotized viewing pleasure.

Install the xscreensaver package if you need screensavers for use with the X Window System.

Name : yp-tools Relocations: (not relocateable)  
Version : 2.2 Vendor: Red Hat Software  
Release : 1 Build Date: Thu Apr 15 23:25:05 1999

Install date: Fri Oct 1 11:33:43 1999    Build Host: porky.devel.redhat.com  
Group    : System Environment/Base    Source RPM: yp-tools-2.2-1.src.rpm  
Size    : 164574    License: GNU  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL    : <http://www-vt.uni-paderborn.de/~kukuk/linux/nis.html>  
Summary : NIS (or YP) client programs.

Description :

The Network Information Service (NIS) is a system which provides network information (login names, passwords, home directories, group information) to all of the machines on a network. NIS can enable users to login on any machine on the network, as long as the machine has the NIS client programs running and the user's password is recorded in the NIS passwd database. NIS was formerly known as Sun Yellow Pages (YP).

This package's NIS implementation is based on FreeBSD's YP and is a special port for glibc 2.x and libc versions 5.4.21 and later. This package only provides the NIS client programs. In order to use the clients, you'll need to already have an NIS server running on your network. An NIS server is provided in the ypserv package.

Install the yp-tools package if you need NIS client programs for machines on your network. You will also need to install the ypbind package on every machine running NIS client programs. If you need an NIS server, you'll need to install the ypserv package on one machine on the network.

Name    : ypbind    Relocations: (not relocateable)  
Version : 3.3    Vendor: Red Hat Software  
Release : 20    Build Date: Thu Apr 15 19:02:17 1999  
Install date: Fri Oct 1 11:33:45 1999    Build Host: porky.devel.redhat.com  
Group    : System Environment/Daemons    Source RPM: ypbind-3.3-20.src.rpm  
Size    : 34016    License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The NIS daemon which binds NIS clients to an NIS domain.

Description :

The Network Information Service (NIS) is a system which provides network information (login names, passwords, home directories, group information) to all of the machines on a network. NIS can enable users to login on any machine on the network, as long as the machine has the NIS client programs running and the user's password is recorded in the NIS passwd database. NIS was formerly known as Sun Yellow Pages (YP).

This package provides the ypbind daemon. The ypbind daemon binds NIS clients to an NIS domain. Ypbind must be running on any machines which are running NIS client programs.

Install the ypbind package on any machines which are running NIS client programs (included in the yp-tools package). If you need an NIS server,

you'll also need to install the ypserv package to a machine on your network.

Name : zip Relocations: /usr  
Version : 2.1 Vendor: Red Hat Software  
Release : 8 Build Date: Mon Mar 22 04:01:08 1999  
Install date: Fri Oct 1 11:33:49 1999 Build Host: porky.devel.redhat.com  
Group : Applications/Archiving Source RPM: zip-2.1-8.src.rpm  
Size : 222503 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A file compression and packaging utility compatible with PKZIP.  
Description :

The zip program is a compression and file packaging utility. Zip is analogous to a combination of the UNIX tar and compress commands and is compatible with PKZIP (a compression and file packaging utility for MS-DOS systems).

Install the zip package if you need to compress files using the zip program.

Name : zlib Relocations: (not relocateable)  
Version : 1.1.3 Vendor: Red Hat Software  
Release : 5 Build Date: Mon Mar 22 04:02:26 1999  
Install date: Fri Oct 1 11:33:50 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: zlib-1.1.3-5.src.rpm  
Size : 62898 License: BSD  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
URL : <http://www.cdrom.com/pub/infozip/zlib/>  
Summary : The zlib compression and decompression library.  
Description :

The zlib compression library provides in-memory compression and decompression functions, including integrity checks of the uncompressed data. This version of the library supports only one compression method (deflation), but other algorithms may be added later, which will have the same stream interface. The zlib library is used by many different system programs.

Name : XFree86-S3 Relocations: (not relocateable)  
Version : 3.3.3.1 Vendor: Red Hat Software  
Release : 49 Build Date: Sun Apr 18 18:33:43 1999  
Install date: Fri Oct 1 11:59:29 1999 Build Host: porky.devel.redhat.com  
Group : User Interface/X Hardware Support Source RPM: XFree86-3.3.3.1-49.src.rpm  
Size : 2445819 License: MIT  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : The XFree86 server for video cards based on the S3 chip.  
Description :

XFree86-S3 is the X server for video cards based on S3 chips, including most #9 cards, many Diamond Stealth cards, Orchid Farenheits,

Mirco Crystal 8S, most STB cards, and some motherboards with built-in graphics accelerators (such as the IBM ValuePoint line). Note that if you have an S3 ViRGE based video card, you'll need XFree86-S3V instead of XFree86-S3.

If you are installing the X Window System and you have a video card based on an S3 chip, you should install XFree86-S3. You will also need to install the XFree86 package, one or more XFree86 fonts packages, the X11R6-contrib package, the Xconfigurator package and the XFree86-libs package. And, finally, if you are going to develop applications that run as X clients, you will also need to install XFree86-devel.

Name : dhcp Relocations: (not relocateable)  
Version : 2.0b1pl6 Vendor: Red Hat Software  
Release : 6 Build Date: Mon Apr 19 13:37:07 1999  
Install date: Mon Oct 4 09:52:58 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: dhcp-2.0b1pl6-6.src.rpm  
Size : 222285 License: distributable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A DHCP (Dynamic Host Configuration Protocol) server and relay agent.  
Description :

DHCP (Dynamic Host Configuration Protocol) is a protocol which allows individual devices on an IP network to get their own network configuration information (IP address, subnetmask, broadcast address, etc.) from a DHCP server. The overall purpose of DHCP is to make it easier to administer a large network. The dhcp package includes the DHCP server and a DHCP relay agent.

You should install dhcp if you want to set up a DHCP server on your network. You will also need to install the dhcpd package, which provides the DHCP client daemon, on client machines.

Name : squid Relocations: (not relocateable)  
Version : 2.2.STABLE1 Vendor: Red Hat Software  
Release : 1 Build Date: Sun Apr 18 22:42:30 1999  
Install date: Wed Oct 6 12:42:09 1999 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: squid-2.2.STABLE1-1.src.rpm  
Size : 1869364 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The SQUID proxy caching server.  
Description :

Squid is a high-performance proxy caching server for web clients, supporting FTP, gopher, and HTTP data objects. Unlike traditional caching software, Squid handles all requests in a single, non-blocking, I/O-driven process.

Squid keeps meta data and especially hot objects cached in RAM, caches DNS lookups, supports non-blocking DNS lookups, and implements negative caching

of failed requests.

Squid supports SSL, extensive access controls, and full request logging. By using the lightweight Internet Cache Protocol, Squid caches can be arranged in a hierarchy or mesh for additional bandwidth savings.

Squid consists of a main server program squid, a Domain Name System lookup program dnsserver, a program for retrieving FTP data ftpget, and some management and client tools. When squid starts up, it spawns a configurable number of dnsserver processes, each of which can perform a single, blocking Domain Name System (DNS) lookup. This reduces the amount of time the cache waits for DNS lookups.

Squid is derived from the ARPA-funded Harvest project.

```
Name      : ssh                      Relocations: (not relocateable)
Version   : 1.2.27                   Vendor: Jan "Yenya" Kasprzak <kas@fi.muni.cz>
Release   : 5us                      Build Date: Wed Jun 9 10:14:51 1999
Install date: Tue Nov 2 17:59:22 1999  Build Host: gloin.fi.muni.cz
Group     : Applications/Internet     Source RPM: ssh-1.2.27-5us.src.rpm
Size      : 427502                    License: Non-commercially distributable
Packager  : Jan "Yenya" Kasprzak <kas@fi.muni.cz>
URL       : http://www.cs.hut.fi/ssh/
Summary   : Secure Shell - encrypts network communications.
```

Description :

Ssh (Secure Shell) a program for logging into a remote machine and for executing commands in a remote machine. It is intended to replace rlogin and rsh, and provide secure encrypted communications between two untrusted hosts over an insecure network. X11 connections and arbitrary TCP/IP ports can also be forwarded over the secure channel.

The 'i' form of the package is compiled with internal RSAREF and is recommended for use outside the USA, the 'us' form is compiled for external RSAREF and should be used within the USA. The 'us' version does not have the IDEA encryption compiled in.

This is a base package. You will need to install at least one of ssh-clients and ssh-server to really use ssh.

```
Name      : ssh-clients              Relocations: (not relocateable)
Version   : 1.2.27                   Vendor: Jan "Yenya" Kasprzak <kas@fi.muni.cz>
Release   : 5us                      Build Date: Wed Jun 9 10:14:51 1999
Install date: Tue Nov 2 18:00:02 1999  Build Host: gloin.fi.muni.cz
Group     : Applications/Internet     Source RPM: ssh-1.2.27-5us.src.rpm
Size      : 445576                    License: Non-commercially distributable
Packager  : Jan "Yenya" Kasprzak <kas@fi.muni.cz>
URL       : http://www.cs.hut.fi/ssh/
Summary   : Clients for connecting to Secure Shell servers
```

Description :

This package includes the clients necessary to make encrypted connections to SSH servers.

Name : ssh-extras Relocations: (not relocateable)  
Version : 1.2.27 Vendor: Jan "Yenya" Kasprzak <kas@fi.muni.cz>  
Release : 5us Build Date: Wed Jun 9 10:14:51 1999  
Install date: Tue Nov 2 18:00:13 1999 Build Host: gloin.fi.muni.cz  
Group : Applications/Internet Source RPM: ssh-1.2.27-5us.src.rpm  
Size : 45352 License: Non-commercially distributable  
Packager : Jan "Yenya" Kasprzak <kas@fi.muni.cz>  
URL : <http://www.cs.hut.fi/ssh/>  
Summary : Extra command for the secure shell protocol suite

Description :

This package contains the make\_ssh\_known\_hosts perl script, the ssh-askpass command and its documentation. They were moved to the separate package to allow clean install of ssh even on X11-less and perl-less machines (make\_ssh\_known\_hosts is a perl script and ssh-askpass uses X11 libraries).

Name : ssh-server Relocations: (not relocateable)  
Version : 1.2.27 Vendor: Jan "Yenya" Kasprzak <kas@fi.muni.cz>  
Release : 5us Build Date: Wed Jun 9 10:14:51 1999  
Install date: Tue Nov 2 18:00:21 1999 Build Host: gloin.fi.muni.cz  
Group : System Environment/Daemons Source RPM: ssh-1.2.27-5us.src.rpm  
Size : 244169 License: Non-commercially distributable  
Packager : Jan "Yenya" Kasprzak <kas@fi.muni.cz>  
URL : <http://www.cs.hut.fi/ssh/>  
Summary : Secure Shell protocol server (sshd)

Description :

This package contains the secure shell daemon and its documentation. The sshd is the server part of the secure shell protocol and allows ssh clients to connect to your host.

Name : MySQL-client Relocations: (not relocateable)  
Version : 3.22.29 Vendor: (none)  
Release : 1 Build Date: Sat Jan 1 14:24:27 2000  
Install date: Thu Jan 6 15:04:53 2000 Build Host: www2.analytikerna.se  
Group : Applications/Databases Source RPM: MySQL-3.22.29-1.src.rpm  
Size : 7162227 License: MySQL FREE PUBLIC LICENSE (See the file PUBLIC)

Packager : David Axmark <david@mysql.com>

URL : <http://www.mysql.com/>

Summary : MySQL - Client

Description :

This package contains the standard MySQL clients.

For a description of MySQL see the base MySQL RPM or <http://www.mysql.com>

Name : php-pg-mysql Relocations: (not relocateable)

Version : 3.0.13 Vendor: (none)  
Release : 1 Build Date: Sat Jan 1 13:40:56 2000  
Install date: Thu Jan 6 20:33:29 2000 Build Host: triton.pricegrabber.com  
Group : System Environment/Daemons Source RPM: php-pg-3.0.13-1.src.rpm  
Size : 26164 License: GPL  
Packager : Rob McMillin <rlm@pricegrabber.com>  
Summary : MySQL database module for PHP3.

Description :

This is a dynamic shared object (DSO) for Apache that will add MySQL database support to PHP3. If you need back-end support for MySQL, you should install this package in addition to the main php package.

Name : mod\_perl Relocations: (not relocateable)  
Version : 1.19 Vendor: Red Hat Software  
Release : 2 Build Date: Fri Apr 16 17:19:01 1999  
Install date: Wed Jan 5 20:56:43 2000 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: mod\_perl-1.19-2.src.rpm  
Size : 1595244 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : A Perl interpreter for the Apache Web server.

Description :

Mod\_perl incorporates a Perl interpreter into the Apache web server, so that the Apache web server can directly execute Perl code. Mod\_perl links the Perl runtime library into the Apache web server and provides an object-oriented Perl interface for Apache's C language API. The end result is a quicker CGI script turnaround process, since no external Perl interpreter has to be started.

Install mod\_perl if you're installing the Apache web server and you'd like for it to directly incorporate a Perl interpreter.

Name : MySQL Relocations: (not relocateable)  
Version : 3.22.29 Vendor: (none)  
Release : 1 Build Date: Sat Jan 1 14:24:27 2000  
Install date: Thu Jan 6 15:01:18 2000 Build Host: www2.analytikerna.se  
Group : Applications/Databases Source RPM: MySQL-3.22.29-1.src.rpm  
Size : 16723764 License: MySQL FREE PUBLIC LICENSE (See the file PUBLIC)

Packager : David Axmark <david@mysql.com>

URL : <http://www.mysql.com/>

Summary : MySQL: a very fast and reliable SQL database engine

Description :

MySQL is a true multi-user, multi-threaded SQL (Structured Query Language) database server. MySQL is a client/server implementation that consists of a server daemon (mysqld) and many different client programs/libraries.

The main goals of MySQL are speed, robustness and ease of use. MySQL was originally developed because we needed a SQL server that could handle very big databases with magnitude higher speed than what any database vendor could offer to us. And since we did not need all the features that made their server slow we made our own. We have now been using MySQL since 1996 in a environment with more than 40 databases, 10,000 tables, of which more than 500 have more than 7 million rows. This is about 200G of data.

The base upon which MySQL is built is a set of routines that have been used in a highly demanding production environment for many years. While MySQL is still in development, it already offers a rich and highly useful function set.

See the documentation for more information

Name : freetype-devel Relocations: (not relocateable)  
Version : 1.2 Vendor: Red Hat Software  
Release : 7 Build Date: Thu Aug 19 10:51:16 1999  
Install date: Thu Jan 6 20:59:46 2000 Build Host: porky.devel.redhat.com  
Group : Development/Libraries Source RPM: freetype-1.2-7.src.rpm  
Size : 524194 License: BSD-like

Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Header files and static library for development with FreeType.

Description :

This package is only needed if you intend to develop or compile applications which rely on the FreeType library. If you simply want to run existing applications, you won't need this package.

Name : php-pg Relocations: (not relocateable)  
Version : 3.0.13 Vendor: (none)  
Release : 1 Build Date: Sat Jan 1 13:40:56 2000  
Install date: Thu Jan 6 20:33:16 2000 Build Host: triton.pricegrabber.com  
Group : System Environment/Daemons Source RPM: php-pg-3.0.13-1.src.rpm  
Size : 786085 License: GPL

Packager : Rob McMillin <[rlm@pricegrabber.com](mailto:rlm@pricegrabber.com)>  
Summary : The PHP HTML-embedded scripting language for use with Apache.

Description :

PHP is an HTML-embedded scripting language. PHP attempts to make it easy for developers to write dynamically generated web pages. PHP also offers built-in database integration for several commercial and non-commercial database management systems, so writing a database-enabled web page with PHP is fairly simple. The most common use of PHP coding is probably as a replacement for CGI scripts. The mod\_php module enables the Apache web server to understand and process the embedded PHP language in web pages.

This package contains PHP. If you use applications which specifically rely on PHP/FI (PHP v2 and earlier), you should instead install the PHP/FI module contained in the phpfi package. If you're just starting with PHP, you should install this package. You'll also need to install the Apache web server.

This is a Pricegrabber custom RPM.

Name : krb5-configs Relocations: (not relocateable)  
Version : 1.1.1 Vendor: Red Hat, Inc.  
Release : 21 Build Date: Thu Jun 15 10:12:53 2000  
Install date: Wed Jun 21 17:48:56 2000 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: krb5-1.1.1-21.src.rpm  
Size : 1644 License: MIT, freely distributable.  
Packager : Red Hat, Inc. <<http://bugzilla.redhat.com/bugzilla>>  
URL : <http://web.mit.edu/kerberos/www/>  
Summary : Kerberos 5 sample configuration file(s).

Description :

Kerberos is a trusted-third-party authentication system. This package contains sample configuration files for Kerberos 5 clients.

Name : openldap-devel Relocations: (not relocateable)  
Version : 1.2.9 Vendor: Red Hat, Inc.  
Release : 5 Build Date: Mon Feb 14 11:22:55 2000  
Install date: Wed Mar 15 22:34:53 2000 Build Host: porky.devel.redhat.com  
Group : Development/Libraries Source RPM: openldap-1.2.9-5.src.rpm  
Size : 245365 License: Artistic  
Packager : Red Hat, Inc. <<http://bugzilla.redhat.com/bugzilla>>  
URL : <http://www.openldap.org/>  
Summary : OpenLDAP development libraries and header files.

Description :

The openldap-devel package includes the development libraries and header files needed for compiling applications that use LDAP (Lightweight Directory Access Protocol) internals. LDAP is a set of protocols for enabling directory services over the Internet. Install this package only if you plan to develop or will need to compile customized LDAP clients.

Name : php-pg-manual Relocations: (not relocateable)  
Version : 3.0.13 Vendor: (none)  
Release : 1 Build Date: Sat Jan 1 13:40:56 2000  
Install date: Thu Jan 6 20:40:17 2000 Build Host: triton.pricegrabber.com  
Group : System Environment/Daemons Source RPM: php-pg-3.0.13-1.src.rpm  
Size : 2672925 License: GPL  
Packager : Rob McMillin <[rlm@pricegrabber.com](mailto:rlm@pricegrabber.com)>  
Summary : On-line manual for PHP3

Description :

Comprehensive documentation for PHP3, viewable through any web browser.

Name : apache Relocations: (not relocateable)  
Version : 1.3.9 Vendor: Red Hat Software  
Release : 4 Build Date: Tue Sep 21 09:46:41 1999  
Install date: Thu Jan 6 20:54:33 2000 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: apache-1.3.9-4.src.rpm  
Size : 2439994 License: Freely distributable and usable  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : The most widely used Web server on the Internet.  
Description :  
Apache is a powerful, full-featured, efficient and freely-available Web server. Apache is also the most popular Web server on the Internet.

Install the apache package if you need a Web server.

Name : openldap Relocations: (not relocateable)  
Version : 1.2.9 Vendor: Red Hat, Inc.  
Release : 5 Build Date: Mon Feb 14 11:22:55 2000  
Install date: Wed Mar 15 22:34:25 2000 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: openldap-1.2.9-5.src.rpm  
Size : 3458641 License: Artistic  
Packager : Red Hat, Inc. <<http://bugzilla.redhat.com/bugzilla>>  
URL : <http://www.openldap.org/>  
Summary : LDAP servers, libraries, utilities, tools and sample clients.  
Description :  
OpenLDAP is an open source suite of LDAP (Lightweight Directory Access Protocol) applications and development tools. LDAP is a set of protocols for accessing directory services (usually phone book style information, but other information is possible) over the Internet, similar to the way DNS (Domain Name System) information is propagated over the Internet. The suite includes a stand-alone LDAP server (slapd), a stand-alone LDAP replication server (slurpd), libraries for implementing the LDAP protocol, utilities, tools, and sample clients.

Install openldap if you need LDAP applications and tools.

Name : pam\_ldap Relocations: (not relocateable)  
Version : 36 Vendor: Red Hat Software  
Release : 1 Build Date: Tue Aug 10 22:39:08 1999  
Install date: Wed Mar 15 23:08:20 2000 Build Host: porky.devel.redhat.com  
Group : System Environment/Base Source RPM: pam\_ldap-36-1.src.rpm  
Size : 109267 License: LGPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
URL : <http://www.padl.com/>  
Summary : LDAP Pluggable Authentication Module  
Description :  
This is pam\_ldap, a pluggable authentication module that can be used with linux-PAM. This module supports password changes, V2 clients, Netscapes SSL,

ypldapd, Netscape Directory Server password policies, access authorization, crypted hashes, etc.

Name : krb5-libs Relocations: (not relocateable)  
Version : 1.1.1 Vendor: Red Hat, Inc.  
Release : 21 Build Date: Thu Jun 15 10:12:53 2000  
Install date: Wed Jun 21 17:50:14 2000 Build Host: porky.devel.redhat.com  
Group : System Environment/Libraries Source RPM: krb5-1.1.1-21.src.rpm  
Size : 1333298 License: MIT, freely distributable.  
Packager : Red Hat, Inc. <<http://bugzilla.redhat.com/bugzilla>>  
URL : <http://web.mit.edu/kerberos/www/>  
Summary : Kerberos 5 shared libraries.

Description :

Kerberos is a trusted-third-party authentication system, named for the three-headed watchdog from Greek mythology who guarded the entrance to the underworld. This package contains the Kerberos 5 shared libraries, which are used by programs compiled with support for using Kerberos. Most people should install this package.

Name : imap Relocations: (not relocateable)  
Version : 4.7 Vendor: Red Hat, Inc.  
Release : 5 Build Date: Wed Mar 1 17:47:59 2000  
Install date: Wed Jun 21 17:50:42 2000 Build Host: porky.devel.redhat.com  
Group : System Environment/Daemons Source RPM: imap-4.7-5.src.rpm  
Size : 1908299 License: BSD  
Packager : Red Hat, Inc. <<http://bugzilla.redhat.com/bugzilla>>  
Summary : Server daemons for IMAP and POP network mail protocols.

Description :

The imap package provides server daemons for both the IMAP (Internet Message Access Protocol) and POP (Post Office Protocol) mail access protocols. The POP protocol uses a "post office" machine to collect mail for users and allows users to download their mail to their local machine for reading. The IMAP protocol allows a user to read mail on a remote machine without downloading it to their local machine.

Install the imap package if you need a server to support the IMAP or the POP mail access protocols.

Name : lsof Relocations: /usr  
Version : 4.42 Vendor: Red Hat Software  
Release : 1 Build Date: Thu Apr 8 14:00:53 1999  
Install date: Wed Aug 9 11:48:22 2000 Build Host: porky.devel.redhat.com  
Group : Development/Debuggers Source RPM: lsof-4.42-1.src.rpm  
Size : 562631 License: Free  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla>>  
Summary : Lists files open by processes

Description :

Lsof's name stands for LiSt Open Files, and it does just that. It lists information about files that are open by the processes running on a UNIX

system.

Name : perl-libnet Relocations: (not relocateable)  
Version : 1.0605 Vendor: Kirk Bauer <kirk@kaybee.org>  
Release : 2 Build Date: Wed Nov 18 16:23:36 1998  
Install date: Wed Aug 9 12:08:46 2000 Build Host: quick.kaybee.org  
Group : Utilities/Text Source RPM: perl-libnet-1.0605-2.src.rpm  
Size : 300866 License: Freeware  
Packager : Red Hat Contrib|Net <rhcN-bugs@redhat.com>  
URL : <http://www.kaybee.org/~kirk/html/linux.html>  
Summary : Perl LIBNET module

Description :

libnet is a collection of Perl modules which provides a simple and consistent programming interface (API) to the client side of various protocols used in the internet community.

Name : dialog Relocations: (not relocateable)  
Version : 0.6 Vendor: Red Hat Software  
Release : 14 Build Date: Sun Mar 21 14:03:58 1999  
Install date: Wed Aug 9 12:24:25 2000 Build Host: porky.devel.redhat.com  
Group : Applications/System Source RPM: dialog-0.6-14.src.rpm  
Size : 90821 License: GPL  
Packager : Red Hat Software <<http://developer.redhat.com/bugzilla/>>  
Summary : A utility for creating TTY dialog boxes.

Description :

Dialog is a utility that allows you to show dialog boxes (containing questions or messages) in TTY (text mode) interfaces. Dialog is called from within a shell script. The following dialog boxes are implemented: yes/no, menu, input, message, text, info, checklist, radiolist, and gauge.

Install dialog if you would like to create TTY dialog boxes.

Name : autorpM Relocations: (not relocateable)  
Version : 1.9.8.4 Vendor: Kirk Bauer <kirk@kaybee.org>  
Release : 2 Build Date: Sun Jan 9 18:42:32 2000  
Install date: Wed Aug 9 12:24:32 2000 Build Host: ns.kaybee.org  
Group : Utilities/System Source RPM: autorpM-1.9.8.4-2.src.rpm  
Size : 209494 License: GPL  
Packager : Kirk Bauer <kirk@kaybee.org>  
URL : <http://www.kaybee.org/~kirk/html/linux.html>  
Summary : RPM Auto-Installer or FTP Mirroring

Description :

AutoRPM is a program that can do any combination of the following: mirror RPMs from an FTP site, keep installed RPMs consistent with an FTP site or local directory, and keep installed RPMs in a cluster or network of systems consistent. It is highly flexible and even contains a very nice, menu-driven Interactive-Install mode.