Red Hat Fedora 4 Unleashed

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First Printing: May 2003

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First and Second Printing Corrections

Pg	Error	Correction
1	Global for whole book: References to CD- ROM should be a DVD.	
1	Global: Fedora Core and Fedora Core Linux should be Fedora.	
2	It can be found at http://en.wikipedia.org/wiki/Linux_Torvalds.	It can be found at http://en.wikipedia.org/wiki/Linus_Torvalds.
4	Some of these include the Artistic License, the BSD License, the Mozilla Public License, and the Q Public License .	Some of these include the Artistic License, the BSD License, and the Mozilla Public License.
7	A two-CD set of the Fedora Core CD-ROMs is included, as is a DVD , so you will have everything you need to get started.	A DVD containing Fedora is included, so you will have everything you need to get started.
14	The list of Linux projects, efforts, and partnerships reads like a Who's Who of the software industry: Amazon, Ameritrade, Borland, Computer Associates, Dell, Hewlett- Packard/Compaq , IBM, Oracle, and SAP are just some of the enterprise-level players using Linux.	The list of Linux projects, efforts, and partnerships reads like a Who's Who of the software industry: Amazon, Ameritrade, Borland, Computer Associates, Dell, Hewlett-Packard , IBM, Oracle, and SAP are just some of the enterprise-level players using Linux.
15	Linux is also a key ingredient and shares an ever-increasing portion of server hardware sales from all large vendors, such as IBM, Hewlett- Packard/Compaq , and Dell.	Linux is also a key ingredient and shares an ever- increasing portion of server hardware sales from all large vendors, such as IBM, Hewlett-Packard , and Dell.

15	Fedora includes the Bluecurve desktop theme and has an improved consistency in the two major graphical desktops available for use: the GNU Network Object Model Environment (GNOME) and the K Desktop Environment (KDE).	Fedora includes the Clearlooks desktop theme and has an improved consistency in the two major graphical desktops available for use: the GNU Network Object Model Environment (GNOME) and the K Desktop Environment (KDE).
33	One caveat is that if you prepare a hard drive with Linux in a PC with one CPU, such as a Pentium , and then install the drive in a PC with a 486 CPU, you should either make sure that a 486-based Linux kernel is installed, or perform a post-install of an appropriate kernel after moving the hard drive.	you should either make sure that a 486-based
35	Red Hat, Inc. offers a hardware compatibility database at http://hardware.redhat.com/hcl/.	Red Hat offers a hardware compatibility database at http://hardware.redhat.com/hcl/.
38	Common modern (1996-onward) PC motherboard form factors are designed according to industry-assigned specifications (usually from Intel), and are ATX (12-9.6 inches); MicroATX (9.6-9.6 inches); and FlexATX (9-7.5 inches).	Common modern (1996-onward) PC motherboard form factors are designed according to industry- assigned specifications (usually from Intel), and are ATX (12x9.6 inches); MicroATX (9.6x9.6 inches); and FlexATX (9x7.5 inches).

63	Figure 3.3 replaced	<image/> <section-header><text><text><text><text></text></text></text></text></section-header>
75	If you are installing over a network, go take a break because the install will proceed unattended through the software installation. If you are using this book's CD-ROMs, you might be prompted to remove the first CD-ROM and insert another. You might also be asked to repeat this operation using the third CD-ROM at some point.	

77	Figure 3.19 replaced.	GNU GRUB version 0.95 (638k lower / 161728K upper memory) Fedora Core (2.6.11-1.1369_FC4) Use the 1 and 4 keys to select which entry is highlighted. Press enter to boot the selected OS, 'e' to edit the commands before booting, 'a' to modify the kernel arguments before booting, or 'c' for a command-line. Extreme Core booting, or 'c' for a command-line.
101	Most often used by Linux mobile users, APM can help extend battery sessions through the use of intelligent storage-cell circuitry, CPU "throttling" (similar to, but not the same as safety thermal throttling incorporated by Intel in Pentium III and IV CPUs), and control of displays and hard drives.	help extend battery sessions through the use of
127	Note that <u>devfs</u> might be supported, but will generally be superseded in the upcoming 2.6 kernel by <u>/proc/udev</u> , as a way of managing hot-plug devices on your system.	Note that <u>devfs</u> might be supported, but will generally be superseded in the 2.6 kernel by <u>/proc/udev</u> , as a way of managing hot-plug devices on your system.
132	/usr/X11R6/bin/xauth: creating new authority file /home/winky/.Xauthority	/usr/X11R6/bin/xauth: creating new authority file /home/ andrew /.Xauthority
139	/usr/X11R6/bin:/home/ bball /bin	/usr/X11R6/bin:/home/andrew/bin

146	Richard M. Stallman's GNU <u>emacs</u> editor, like <u>vi</u> , is included with Linux and nearly every other Linux distribution.	Richard M. Stallman's GNU <u>emacs</u> editor, like <u>vi</u> , is included with Fedora and nearly every other Linux distribution.				
162	Remove the second paragraph in the The Red Hat and Fedora Desktop sidebar on page 162.					
163	Remove the last sentence in the fourth paragraph on page 163.					
184	Figure 6.12 replaced.	Control Center Ele View Settings Help Index Search Help Search Help Multiple Desktops Behavior Configure your desktop environment. Window Behavior Window Specific Settings Internet & Network Window Specific Settings Internet & Network Select an item from the index on the left to load a configuration module. KDE Components Peripherals Peripherals KDE version: Security & Privacy System Image: Privacy Privacy Privacy Privacy Privacy Privacy Privacy Privacy Image: Privacy System Administration				
196	The graphical software management client has been improved by Fedora Core to enable the use of local and remote Yum (that stands for YellowDog Updater m odified, first used in the YellowDog [PPC] Linux distribution) repositories.	The graphical software management client has been improved by Fedora to enable the use of local and remote Yum (that stands for YellowDog Updater M odified, first used in the YellowDog [PPC] Linux distribution) repositories.				

200	It works much the same as <u>apt</u> , but lacked a GUI tool.	It works much the same as <u>apt</u> , but lacks a GUI tool.
200	You can obtain Yum from the Fedora site as well as from FreshRPMs.net; the home page of Yum is at http://linux.duke.edu/projects/yum/.	•
200	Remove Here's how you install and configure Yum: and the following bulleted list on page 200.	
200	Once Yum is installed; the following commands are useful (remember that the Fedora graphical client is available if you configure it to use Yum repositories):	The following commands are useful (remember that the Fedora graphical client is available if you configure it to use Yum repositories):
200	You'll find either apt and Yum to be useful additions to Fedora Core. We suggest that you use the one from FreshRPMs.net if you want to install some of the multimedia applications described in Chapter 10, "Multimedia Applications." To learn more about yum, check out Chapter 36, "Advanced Yum."	You'll find either apt and Yum to be useful additions to Fedora Core. To learn more about Yum, check out Chapter 36, "Advanced Yum."
202	<pre>\$ echo "-o3 -march=athlon" >> \$HOME/.rpmmacros</pre>	<pre>\$ echo "-O3 -march=athlon" >> \$HOME/.rpmmacros</pre>

214	Figures 8.6 and 8.7 replaced.	Evolution Setup Assistant
		Identity
		Please enter your name and email address below. The "optional" fields below do not need to be filled in, unless you wish to include this information in email you send.
		Required Information
		Eull Name: Andy Hudson
		Email Address: andy.hudson@gmail.com
		Optional Information
		Make this my default account
		Reply-To: andy.hudson@gmail.com
		Organization:
		X ⊆ancel → Eorward

	Evolution Setup Assistant
	Receiving Email
	Please select among the following options
	Server Type: POP 💠
	Description: For connecting to and downloading mail from POP servers.
	Configuration Host: pop.gmail.com
	Username: andy.hudson@gmail.com
	Security
	Use Secure Connection: Always
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	Password Check for Supported Types
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		About You
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		Your Name: Andrew Hudson
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		:	Dear Sir,	=			
		•	I'm writing to you to complain about your policy of not supporting Linux for Broadband.				
		.1.	Linux is the fastest growing operating system in the world today, and more and more people are using it access the Internet. Linux is used in every walk of life, from the screens on airplanes, to PDAs,				
		-	desktops and even the worlds fastest computer?				
		2	Why don't you try and find out a bit more about Linux – if anything you'll get a lot more interest from				
			a large and somewhat undervalued customer base.				
		:	Yours,				
		m	Disgusted of Raleigh, NC	•			
		÷-	Dispused of Reforming the	* u *			
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269	Figure 10.4 Simplicity in design and layout make the Sound Recorder and Volume Control applications easy to use.	Figure 10.4 Simplicity in design and layout make the Volume Control application easy to use.	
269	Figure 10.4 replaced.	Volume Control: Ensoniq AudioPCI (Alsa Mixer) File Edit Help Playback Capture Switches Ine-in CD Microphone Video Phone Aux Capture Microphone Video Phone Aux Capture Image: Control: Image: Control: CD Microphone Video Phone Aux Capture Image: Control: Image: Control: Image: Control: Image: Control:	
287	First, we ran \$ xhost + on the remote compute to allow another computer access to the X server on the remote machine; the command to take the screenshot is run on our local machine like this:	allow another computer access to the X server on the remote machine; the command to take the	
358	nightly update of the YUM RPM package database,	nightly update of the Yum RPM package database,	
395	information inside an /xterm X11 terminal window,	information inside an xterm X11 terminal window,	
408	Two legacy applications included with Red Linux include the nice and re-nice commands. (nice is part of the GNU sh-utils package, whereas re-nice is inherited from BSD Unix.)	Two legacy applications included with Red Hat Linux include the nice and renice commands. (nice is part of the GNU sh-utils package, whereas renice is inherited from BSD Unix.)	

409	Figure 15.1 replaced.	Paul@localhostc Ele Edit Yiew Terminal Tabs Help top - 04:37:08 up 1:17, 2 users, load average: 0.36, 0.48, 0.76 Image: Complexity Imad
510	After a while, Bob Behlendorf and Cliff Skolnick set up	5 root 10 -5 0 0 S 0.0 0.00 0.00 kthread 6 root 10 -5 0 0 S 0.0 0.00 0.00 kthread 8 root 20 -5 0 0 S 0.0 0.00 0.00 kthread 61 root 10 -5 0 0 S 0.0 0.00 0.00 kthread 64 root 15 0 0 0 S 0.0 0.00 0.00 kthread 110 root 15 0 0 0 S 0.0 0.00 0.00 kthread 110 root 15 0 0 0 S 0.0 0.00 0.00 kthread 111 root 15 0 0 0 S 0.0 0.00 0.00 kthread 111 root 15 0 0 0 S 0.0 0.00 0.00 kthread 113 root 13 -5 0 0 S 0.0 0.00 0.00 0.00 kthread r After a while, Brian Behlendorf and Cliff Skolnick set up
558	Figure 20.2 is the wrong figure.	Samba Web Administration Tool - Mozilia
		File Edit Yiew Go Bookmarks Tools Back Forward Reload Stop Intp://localhost901/ Search Image: Bookmarks Reload Stop Intp://localhost901/ Image: Bookmarks Reload Stop Intp://localhost901/ Image: Bookmarks Reload Stop Image: Bookmarks Reload Stop Image: Bookmarks Reload Support Image: Bookmarks Reload Image: Bookmarks Image: Bookmarks Image: Bookmarks Reload Image: Bookmarks Image: Bookmarks Reload Image: Bookmarks Image: Bookmarks Reload Image: Bookmarks Image: Bookmarks Image: Bookmarks Image: Bookmarks Image: Bookmarks Image: Bookmarks Image: Bookmarks Image: Bookmarks Image: Bookmarks Image: Bookmarks Image: Bookmar

561	Last line: INSERT INTO cd_collection VALUES(9, 'Nevermind', ' 'Nirvana', '1991, 'NULL);	INSERT INTO cd_collection VALUES(9, 'Nevermind', 'Nirvana', '1991', NULL);
583	So, whether you are sharing ogg files across	So, whether you are sharing OGG files across
585	If you prefer, you can use Red Hat's system	If you prefer, you can use Fedora's system
603	Tip:such as Trendaware's TEW-PS3, HP Compaq's parallel	such as Trendaware's TEW-PS3, HP's parallel
607- 610	Figure 21.12-21.16	New 21.12 and figures shift one out stopping with 21.16. Old Figure 21.16 is removed
676	written in PHP 4 language	written in PHP language
676	You must configure your web server to work with PHP 4 .	You must configure your web server to work with PHP .
680	(used with MySql ,)	(used with MySQL ,)
951	(Both the heading and the In This Chapter section on this page) The Fedora Core Linux File System Basics	Fedora File System Basics
957	Red Hat had invested heavily(and now Fedora Core) does notsuch as SuSE and	Red Hat invested heavily(and now Fedora) does notsuch as SUSE and
1031	Index entry	Should be
	/ (backslashes)	\ (backslashes)

This errata sheet is intended to provide updated technical information. Spelling and grammar misprints are updated during the reprint process, but are not listed on this errata sheet.