Red Hat Enterprise Linux 5

5.0 Technical Notes

Detailed notes on the changes implemented in Red Hat Enterprise Linux 5.0
Edition 1

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Abstract

The Red Hat Enterprise Linux 5.0 Technical Notes list and document the changes made to the Red Hat Enterprise Linux operating system and its accompanying applications between Red Hat Enterprise Linux 4 and major release Red Hat Enterprise Linux 5.

Table of Contents

Table 1. Changes in Red Hat Enterprise Linux 5.0

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
Canna	Canna	A Japanese character set input system.	3.7p3	Obsoleted by anthy	Obsoleted by anthy
Canna-devel	Canna	Header file and library for developing programs which use Canna.	3.7p3	Obsoleted by anthy-devel	Obsoleted by anthy-devel
Canna-libs	Canna	The runtime library for Canna.	3.7p3	Obsoleted by anthy	Obsoleted by anthy
HelixPlayer	HelixPlayer	Open source media player based on the Helix framework	1.0.6	Obsoleted by RealPlayer	Obsoleted by RealPlayer
bluez-pin	bluez-pin	D-BUS Bluetooth PIN helper	0.23	Obsoleted by bluez-gnome	Obsoleted by bluez-gnome
boost-doc	boost	The Boost C++ html docs	Obsoleted by boost	1.33.1	1.33.1
compat-gcc-32	compat-gcc-32	The GNU Compiler Collection for Red Hat Enterprise Linux 3 compatibility	3.2.3	Obsoleted by compat-libstdc++-33	Obsoleted by compat-libstdc++-33
compat-gcc-32-c++	compat-gcc-32	C++ support for Red Hat Enterprise Linux 3 backwards compatibility compiler	3.2.3	Obsoleted by compat-libstdc++-33	Obsoleted by compat-libstdc++-33

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
comps	comps	Comps file and header lists for the Red Hat Linux distribution	4AS	Obsoleted by redhat-release	Obsoleted by redhat-release
control-center-devel	control-center	GNOME Control Center development libraries and header files	Obsoleted by control-center	2.16.0	2.16.0
cryptsetup	cryptsetup	A utility for setting up encrypted filesystems	0.1	Obsoleted by cryptsetup-luks	Obsoleted by cryptsetup-luks
db4-devel	db4	Development files for the Berkeley DB (version 4) library.	4.2.52	4.3.29	Obsoleted by compat-db
diskdumputils	diskdumputils	diskdump utilities	1.3.25	Obsoleted by kexec-tools	Obsoleted by kexec-tools
ecj	ecj	Eclipse Compiler for Java	2.1.3	Obsoleted by eclipse-ecj	Obsoleted by eclipse-ecj
fonts-ja	fonts-ja	Japanese bitmap fonts	8.0	Obsoleted by fonts-japanese	Obsoleted by fonts-japanese
fonts-xorg-100dpi	fonts-xorg	A set of 100dpi resolution fonts for the X Window System.	6.8.2	Obsoleted by xorg-x11-fonts-ISO8859-1-100dpi	Obsoleted by xorg-x11-fonts-ISO8859-1-100dpi
fonts-xorg-75dpi	fonts-xorg	A set of 75dpi resolution fonts for the X Window System.	6.8.2	Obsoleted by xorg-x11-fonts-ISO8859-1-75dpi	Obsoleted by xorg-x11-fonts-ISO8859-1-75dpi

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
fonts-xorg-ISO8859-14-100dpi	fonts-xorg	ISO8859-14-100dpi fonts	6.8.2	Obsoleted by xorg-x11-fonts-ISO8859-14-100dpi	Obsoleted by xorg-x11-fonts-ISO8859-14-100dpi
fonts-xorg-ISO8859-14-75dpi	fonts-xorg	ISO8859-14-75dpi fonts	6.8.2	Obsoleted by xorg-x11-fonts-ISO8859-14-75dpi	Obsoleted by xorg-x11-fonts-ISO8859-14-75dpi
fonts-xorg-ISO8859-15-100dpi	fonts-xorg	ISO8859-15-100dpi fonts	6.8.2	Obsoleted by xorg-x11-fonts-ISO8859-15-100dpi	Obsoleted by xorg-x11-fonts-ISO8859-15-100dpi
fonts-xorg-ISO8859-15-75dpi	fonts-xorg	ISO8859-15-75dpi fonts	6.8.2	Obsoleted by xorg-x11-fonts-ISO8859-15-75dpi	Obsoleted by xorg-x11-fonts-ISO8859-15-75dpi
fonts-xorg-ISO8859-2-100dpi	fonts-xorg	A set of 100dpi Central European language fonts for X.	6.8.2	Obsoleted by xorg-x11-fonts-ISO8859-2-100dpi	Obsoleted by xorg-x11-fonts-ISO8859-2-100dpi
fonts-xorg-ISO8859-2-75dpi	fonts-xorg	A set of 75dpi Central European language fonts for X.	6.8.2	Obsoleted by xorg-x11-fonts-ISO8859-2-75dpi	Obsoleted by xorg-x11-fonts-ISO8859-2-75dpi
fonts-xorg-ISO8859-9-100dpi	fonts-xorg	ISO8859-9-100dpi fonts	6.8.2	Obsoleted by xorg-x11-fonts-ISO8859-9-100dpi	Obsoleted by xorg-x11-fonts-ISO8859-9-100dpi
fonts-xorg-ISO8859-9-75dpi	fonts-xorg	ISO8859-9-75dpi fonts	6.8.2	Obsoleted by xorg-x11-fonts-ISO8859-9-75dpi	Obsoleted by xorg-x11-fonts-ISO8859-9-75dpi
fonts-xorg-base	fonts-xorg	Base fonts required by the X Window System	6.8.2	Obsoleted by xorg-x11-fonts-base	Obsoleted by xorg-x11-fonts-base

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
fonts-xorg-cyrillic	fonts-xorg	Cyrillic fonts for X.	6.8.2	Obsoleted by xorg-x11-fonts-cyrillic	Obsoleted by xorg-x11-fonts-cyrillic
fonts-xorg-syriac	fonts-xorg	Syriac trueType fonts by Beth Mardutho	6.8.2	Obsoleted by xorg-x11-fonts-syriac	Obsoleted by xorg-x11-fonts-syriac
fonts-xorg-truetype	fonts-xorg	trueType fonts provided by the X Window System	6.8.2	Obsoleted by xorg-x11-fonts-truetype	Obsoleted by xorg-x11-fonts-truetype
gcc-c++-ppc32	gcc	The C++ compiler optimized for generating PowerPC 32bit code	3.4.6	Obsoleted by gcc	
gcc-g77	gcc	Fortran 77 support	3.4.6	Obsoleted by compat-gcc-34-g77	Obsoleted by compat-gcc-34-g77
gcc-ppc32	gcc	The C compiler optimized for generating PowerPC 32bit code	3.4.6	Obsoleted by gcc	
gcc4	gcc4	Preview of GCC version 4.1	4.1.1	Obsoleted by gcc	Obsoleted by gcc
gcc4-c++	gcc4	C++ support for GCC version 4.1 preview	4.1.1	Obsoleted by gcc-c++	Obsoleted by gcc-c++
gcc4-gfortran	gcc4	Fortran 95 support	4.1.1	Obsoleted by gcc-gfortran	Obsoleted by gcc-gfortran
gcc4-java	gcc4	Java support for GCC4 preview	4.1.1	Obsoleted by gcc-java	Obsoleted by gcc-java

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
ggv	ggv	GNOME Ghostview (ggv) is a frontend for Ghostscript	2.8.0	Obsoleted by evince	Obsoleted by evince
giflib	giflib	Library for manipulating GIF format image files	Obsoleted by libungif	4.1.3	4.1.3
glibc-kernheaders	glibc-kernheaders	Header files for the Linux kernel for use by glibc	2.4	Obsoleted by kernel-headers	Obsoleted by kernel-headers
glibc-profile	glibc	The GNU libc libraries, including support for gprof profiling.	2.3.4	Obsoleted by glibc	Obsoleted by glibc
gnome-python2-nautilus	gnome-python2	Python bindings for interacting with Nautilus.	2.6.0	Obsoleted by gnome-python2	Obsoleted by gnome-python2
gnomemeeting	gnomemeeting	A Gnome based H323 teleconferencing application	1.0.2		Obsoleted by ekiga
gnopernicus	gnopernicus	GNOME screen reader	0.9.12	Obsoleted by orca	Obsoleted by orca
gpdf	gpdf	viewer for Portable Document Format (PDF) files for GNOME	2.8.2	Obsoleted by evince	Obsoleted by evince
gstreamer-plugins	gstreamer-plugins	GStreamer Streaming-media framework plugins	0.8.5	Obsoleted by gstreamer	Obsoleted by gstreamer

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
gstreamer-plugins-devel	gstreamer-plugins	Libraries/include files for GStreamer plugins.	0.8.5	Obsoleted by gstreamer-plugins-base-devel	Obsoleted by gstreamer-plugins-base-devel
hotplug	hotplug	A helper application which loads modules for USB devices.	2004_04_01	Obsoleted by initscripts	Obsoleted by initscripts
hpoj	hpoj	HP OfficeJet low level driver infrastructure	0.91	Obsoleted by hplip	Obsoleted by hplip
httpd-suexec	httpd	suexec binary for the Apache HTTP server	2.0.52	Obsoleted by httpd	Obsoleted by httpd
iiimf-csconv	im-sdk	Codeset Conversion modules for IIIMF components	12.1	Obsoleted by scim-libs	Obsoleted by scim-libs
iiimf-docs	im-sdk	IIIMF documentation	12.1	Obsoleted by scim-doc	Obsoleted by scim-doc
iiimf-emacs	im-sdk	Internet/Intranet Input Method Emacs Client Framework	12.1	Obsoleted by scim	Obsoleted by scim
iiimf-gnome-im-switcher	im-sdk	GNOME panel IM switcher and IM configuration tool	12.1	Obsoleted by scim	Obsoleted by scim
iiimf-gtk	im-sdk	GTK input method module for iiimf	12.1	Obsoleted by scim	Obsoleted by scim
iiimf-le-canna	im-sdk	Japanese Canna engine for iiimf-server	12.1	Obsoleted by scim-anthy	Obsoleted by scim-anthy

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
iiimf-le-chinput	iiimf-le-chinput	A Simplified Chinese language engine for im-sdk	0.3	Obsoleted by scim-pinyin	Obsoleted by scim-pinyin
iiimf-le-hangul	im-sdk	Korean language engine for iiimf-server	12.1	Obsoleted by scim-hangul	Obsoleted by scim-hangul
iiimf-le-sun-thai	im-sdk	Thai language engine from Sun for iiimf-server	12.1	Obsoleted by scim	Obsoleted by scim
iiimf-le-unit	im-sdk	Unit language engine for iiimf-server	12.1	Obsoleted by scim-m17n	Obsoleted by scim-m17n
iiimf-le-xcin	iiimf-le-xcin	An IIIMF Language Engine for traditional Chinese.	0.1.7	Obsoleted by scim-chewing	Obsoleted by scim-chewing
iiimf-libs	im-sdk	Internet/Intranet Input Method Framework libraries	12.1	Obsoleted by scim-libs	Obsoleted by scim-libs
iiimf-libs-devel	im-sdk	Internet/Intranet Input Method development files	12.1	Obsoleted by scim-devel	Obsoleted by scim-devel
iiimf-server	im-sdk	IIIMF input method server	12.1	Obsoleted by scim	Obsoleted by scim
iiimf-x	im-sdk	IIIMF XIM BackEnd module	12.1	Obsoleted by scim	Obsoleted by scim
indexhtml	indexhtml	The Web page you'll see after installing Red Hat Enterprise Linux.	4.1	Obsoleted by redhat-release-notes	Obsoleted by redhat-release-notes

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
irb	ruby	The Interactive Ruby.	1.8.1	Obsoleted by ruby-irb	Obsoleted by ruby-irb
jisksp14	jisksp14	14 dots jis auxiliary kanji font	0.1	Obsoleted by fonts-japanese	Obsoleted by fonts-japanese
jisksp16-1990	jisksp16-1990	16 dots jis auxiliary kanji font	0.1	Obsoleted by fonts-japanese	Obsoleted by fonts-japanese
kappa20	kappa20	Kappa 20dot Font	0.3	Obsoleted by fonts-japanese	Obsoleted by fonts-japanese
kdeaddons-xmms	kdeaddons	Applet to control mediaplayers	3.3.1		Obsoleted by kdeaddons
kernel-headers	kernel	Header files for the Linux kernel for use by glibc	Obsoleted by glibc-kernheaders	2.6.18	2.6.18
kernel-smp	kernel	The Linux kernel compiled for SMP machines.	2.6.9	Obsoleted by kernel	Obsoleted by kernel
kernel-utils	kernel-utils	Kernel and Hardware related utilities	2.4	Obsoleted by readahead	Obsoleted by readahead
kinput2	kinput2	kinput2 - kanji input server for X11	v3.1	Obsoleted by scim-anthy	Obsoleted by scim-anthy
knm_new	knm_new	Kaname-cho font, revised version	1.1	Obsoleted by fonts-japanese	Obsoleted by fonts-japanese
libf2c	gcc	Fortran 77 runtime	3.4.6	Obsoleted by libgfortran	Obsoleted by libgfortran
libgal2	libgal2	The GNOME Application Library	2.2.3		Obsoleted by evolution

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
libgal2-devel	libgal2	Development files for the GNOME Applications library	2.2.3		Obsoleted by evolution-devel
libgcj4	gcc4	Java runtime library for GCC4 preview	4.1.1	Obsoleted by libgcj	Obsoleted by libgcj
libgcj4-devel	gcc4	Libraries for Java development using GCC	4.1.1	Obsoleted by libgcj-devel	Obsoleted by libgcj-devel
libgcj4-src	gcc4	Java library sources from GCC4 preview	4.1.1	Obsoleted by libgcj-src	Obsoleted by libgcj-src
libsane-hpoj	hpoj	SANE driver for scanners in HP's multi-function devices (from HPOJ)	0.91	Obsoleted by libsane-hpaio	Obsoleted by libsane-hpaio
libsilc-doc	libsilc	Documentation for libsilc	0.9.12		Obsoleted by libsilc
libtool-libs	libtool	Runtime libraries for GNU libtool.	1.5.6	Obsoleted by libtool-ltdl	Obsoleted by libtool-ltdl
libungif	libungif	A library for manipulating GIF format image files.	4.1.3	Obsoleted by giflib	Obsoleted by giflib
libungif-devel	libungif	Development tools for programs which will use the libungif library.	4.1.3	Obsoleted by giflib-devel	Obsoleted by giflib-devel

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
libungif-progs	libungif	Programs for manipulating GIF format image files.	4.1.3	Obsoleted by giflib-utils	Obsoleted by giflib-utils
microcode_ctl	microcode_ctl	Tool to update x86/x86-64 CPU microcode.	Obsoleted by kernel-utils	1.15	1.15
miniChinput	miniChinput	A Chinese XIM server.	0.0.3	Obsoleted by scim-pinyin	Obsoleted by scim-pinyin
nautilus-devel	nautilus	Libraries and include files for developing nautilus extensions	Obsoleted by nautilus	2.16.2	2.16.2
nautilus-media	nautilus-media	A Nautilus media package with views and thumbnailers.	0.8.1	Obsoleted by totem	Obsoleted by totem
netdump	netdump	Client setup for network kernel message logging and crash dumps	0.7.16	Obsoleted by kexec-tools	Obsoleted by kexec-tools
nptl-devel	glibc	Header files and static libraries for development using NPTL library.	2.3.4	Obsoleted by glibc-devel	Obsoleted by glibc-devel
nss_db-compat	nss_db	An NSS compatibility library for Berkeley Databases and glibc 2.0.x.	2.2	Obsoleted by nss_db	Obsoleted by nss_db
open	open	A tool which will start a program on a virtual console.	1.4	Obsoleted by kbd	Obsoleted by kbd

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
openh323	openh323	Library for H323 spec.	1.13.4		Obsoleted by opal
openh323-devel	openh323	Development package for openh323	1.13.4		Obsoleted by opal-devel
openjade-devel	openjade	Files for developing applications that use openjade/Open SP.	1.3.2	Obsoleted by openjade	Obsoleted by openjade
openoffice.org	openoffice.org	OpenOffice.org comprehensive office suite.	1.1.5		Obsoleted by openoffice.org-core
openoffice.org-i18n	openoffice.org	OpenOffice.org internationaliza tion	1.1.5		Obsoleted by openoffice.org-langpack-ms_MY
openoffice.org-kde	openoffice.org	OpenOffice.org KDE-integration	1.1.5		Obsoleted by openoffice.org-core
openoffice.org-libs	openoffice.org	OpenOffice.org shared libraries	1.1.5		Obsoleted by openoffice.org-core
openssh-askpass-gnome	openssh	A passphrase dialog for OpenSSH, X, and GNOME.	3.9p1	Obsoleted by openssh-askpass	Obsoleted by openssh-askpass
pcmcia-cs	pcmcia-cs	Utilities for handling PCMCIA devices	3.2.7	Obsoleted by pcmciautils	Obsoleted by pcmciautils
perl-Cyrus	cyrus-imapd	Cyrus IMAP server utility Perl modules.	2.2.12	Obsoleted by cyrus-imapd-perl	Obsoleted by cyrus-imapd-perl
perl-Filter	perl-Filter	Filter Perl module	1.30	Obsoleted by perl	Obsoleted by perl

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
perl-Time-HiRes	perl-Time-HiRes	A Perl module for precise time measurements.	1.55	Obsoleted by perl	Obsoleted by perl
php-domxml	php	A module for PHP applications which manipulate XML data	4.3.9	Obsoleted by php-xml	Obsoleted by php-xml
rhn-applet	rhn-applet	Panel applet for indication that newer Red Hat packages are available	2.1.25	Obsoleted by pirut	Obsoleted by pirut
rpmdb-redhat	rpmdb-redhat	The entire rpm database for the Red Hat Enterprise Linux distribution.	4	Obsoleted by redhat-release	Obsoleted by redhat-release
schedutils	schedutils	Utilities for manipulating process scheduler attributes	1.4.0	Obsoleted by util-linux	Obsoleted by util-linux
selinux-policy-targeted-sources	selinux-policy-targeted	SELinux example policy configuration source files	1.17.30	Obsoleted by selinux-policy-targeted	Obsoleted by selinux-policy-targeted
skkinput	skkinput	SKK like Japanese-input application	2.06.4	Obsoleted by scim-anthy	Obsoleted by scim-anthy
slocate	slocate	Finds files on a system via a central database.	2.7	Obsoleted by mlocate	Obsoleted by mlocate

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
sysfsutils-devel	sysfsutils	Static library and headers for sysfsutils	1.2.0	Obsoleted by libsysfs-devel	Obsoleted by libsysfs-devel
system-config-packages	system-config-packages	Graphical package manager	1.2.23	Obsoleted by pirut	Obsoleted by pirut
system-config-printer-gui	system-config-printer	A GUI frontend for printconf.	0.6.116.10	Obsoleted by system-config-printer	Obsoleted by system-config-printer
system-switch-im	system-switch-im	The Input Method System Switcher	0.1.2	Obsoleted by im-chooser	Obsoleted by im-chooser
taipeifonts	taipeifonts	Taipei Chinese Big 5 Fonts	1.2	Obsoleted by fonts-chinese	Obsoleted by fonts-chinese
ttfonts-bn	ttfonts-indic	Free Bengali truetype fonts	1.10	Obsoleted by fonts-bengali	Obsoleted by fonts-bengali
ttfonts-gu	ttfonts-indic	Free Gujarati truetype fonts	1.10	Obsoleted by fonts-gujarati	Obsoleted by fonts-gujarati
ttfonts-hi	ttfonts-indic	Free hindi truetype fonts	1.10	Obsoleted by fonts-hindi	Obsoleted by fonts-hindi
ttfonts-ja	ttfonts-ja	Free Japanese trueType fonts	1.2	Obsoleted by fonts-japanese	Obsoleted by fonts-japanese
ttfonts-ko	ttfonts-ko	Baekmuk Korean trueType Fonts	1.0.11	Obsoleted by fonts-korean	Obsoleted by fonts-korean
ttfonts-pa	ttfonts-indic	Free Panjabi truetype fonts	1.10	Obsoleted by fonts-punjabi	Obsoleted by fonts-punjabi
ttfonts-ta	ttfonts-indic	Free Tamil truetype fonts	1.10	Obsoleted by fonts-tamil	Obsoleted by fonts-tamil
ttfonts-zh_CN	ttfonts-zh_CN	trueType Fonts -- GB ming and kai face and Zhongyi 18030 Song face.	2.14	Obsoleted by fonts-chinese	Obsoleted by fonts-chinese

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
ttfonts-zh_TW	ttfonts-zh_TW	Arphic trueType Font -- Big5 ming and kai face.	2.11	Obsoleted by fonts-chinese	Obsoleted by fonts-chinese
up2date	up2date	Determines which system packages need to be updated via RHN.	4.5.5	Obsoleted by yum-rhn-plugin	Obsoleted by yum-rhn-plugin
up2date-gnome	up2date	A GUI interface for Update Agent.	4.5.5	Obsoleted by pirut	Obsoleted by pirut
utempter	utempter	A privileged helper for utmp/wtmp updates.	0.5.5	Obsoleted by libutempter	Obsoleted by libutempter
valgrind-callgrind	valgrind-callgrind	Call-graph profiler plugin for valgrind	0.10.1	Obsoleted by valgrind	Obsoleted by valgrind
xcin	xcin	An X Input Method Server for Chinese.	2.5.3.pre3	Obsoleted by scim-chewing	Obsoleted by scim-chewing
xinitrc	xinitrc	The default startup script for the X Window System.	4.0.14.3	Obsoleted by xorg-x11-xinit	Obsoleted by xorg-x11-xinit
xmms-flac	flac	XMMS input plugin needed to play FLAC (Free Lossless Audio Codec) files.	1.1.0	Obsoleted by flac	Obsoleted by flac
xojpanel	hpoj	Graphical tool displaying the contents of the LCD of HP printers	0.91	Obsoleted by hplip	Obsoleted by hplip

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
xorg-x11	xorg-x11	The basic fonts, programs and docs for an X workstation.	6.8.2	Obsoleted by xorg-x11-server-utils	Obsoleted by xorg-x11-server-utils
xorg-x11-Mesa-libGL	xorg-x11	A 3D graphics library which uses an OpenGL-like API	6.8.2	Obsoleted by mesa-libGL	Obsoleted by mesa-libGL
xorg-x11-Mesa-libGLU	xorg-x11	Commonly used GL utility library	6.8.2	Obsoleted by mesa-libGLU	Obsoleted by mesa-libGLU
xorg-x11-Xdmx	xorg-x11	Distributed Multihead X Server and utilities	6.8.2	Obsoleted by xorg-x11-server-Xdmx	Obsoleted by xorg-x11-server-Xdmx
xorg-x11-Xnest	xorg-x11	A nested server.	6.8.2	Obsoleted by xorg-x11-server-Xnest	Obsoleted by xorg-x11-server-Xnest
xorg-x11-Xvfb	xorg-x11	A X Windows System virtual framebuffer X server.	6.8.2	Obsoleted by xorg-x11-server-Xvfb	Obsoleted by xorg-x11-server-Xvfb
xorg-x11-deprecated-libs	xorg-x11	Deprecated X Window System shared libraries	6.8.2	Obsoleted by libXp	Obsoleted by libXp
xorg-x11-deprecated-libs-devel	xorg-x11	Deprecated X Window System developmental libraries	6.8.2	Obsoleted by libXp-devel	Obsoleted by libXp-devel
xorg-x11-devel	xorg-x11	X Window System application development package	6.8.2	Obsoleted by xorg-x11-proto-devel	Obsoleted by libdmx-devel

Package	Component (src.rpm)	Summary	RHEL4	RHEL5	RHEL5-Desktop
xorg-x11-libs	xorg-x11	Shared libraries needed by the X Window System	6.8.2	Obsoleted by libFS	Obsoleted by libXinerama
xorg-x11-sdk	xorg-x11	SDK for X server driver module development	6.8.2	Obsoleted by xorg-x11-server-sdk	Obsoleted by xorg-x11-server-sdk
xorg-x11-tools	xorg-x11	Various X Window System tools	6.8.2	Obsoleted by xorg-x11-font-utils	Obsoleted by xorg-x11-font-utils
xpdf	xpdf	A PDF file viewer for the X Window System.	3.00	Obsoleted by poppler-utils	Obsoleted by poppler-utils
xscreensaver	xscreensaver	A set of X Window System screensavers.	4.18	Obsoleted by gnome-screensaver	Obsoleted by gnome-screensaver