

Technical specifications for Mandriva Linux 2009

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Revision History

Revision 0.2 26 Jun 2008 Revised by: FC/AN
add new specs, revise previous one

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Introduction

This document describes the ideas of new functionalities or improvements for Mandriva Linux 2009 products. Each part has an author which can answer questions if some things are unclear (Author field), a version (Version field), an id (Id field) to identify uniquely the part for external reference, a person and a team responsible for the realisation (Implementor and Team fields), a Priority field between 0 and 3 (3 being the more priority) and a Status field to show the development status.

Chapter 1. Distribution Core

<i>Id</i>	<i>Pri</i>	<i>Title</i>	<i>Implementor</i>	<i>Status</i>
spec100		Kernel		
	3	Switch to libata	Kernel team	0%
	3	Stable ABI for modules	Kernel team	0%
	3	Kernel packages set	Kernel team	0%
	3	Improve DKMS management	Kernel team, oblin@mandriva.com	0%
spec101	3	Boot		
	3	Improve boot time	Engineering team	10%
	3	GFXBoot bugs	pixel@mandriva.com	0%
	0	Switch to GRUB2 ?	pixel@mandriva.com	0%
	0	Ghost compliant mode for GRUB	pixel@mandriva.com	0%
	3	initscript improvements	oblin@mandriva.com	0%
	3	splashy boot splash	oblin@mandriva.com	0%
	3	Change failsafe access on gfxboot	pixel@mandriva.com	0%
spec102	3	Packaging System		
	3	Underlinking / Overlinking	pixel@mandriva.com	0%
	3	LZMA in RPM	pixel@mandriva.com	0%
	3	Orphans in urpmi	pixel@mandriva.com	0%
	3	Mirror handling, based on geographical localisation	pixel@mandriva.com	0%
	3	Aria2 improvement for urpmi	Aurelien Lefebvre <alefebvre@mandriva.com>	0%
	3	Always configure all available urpmi sources	tvignaud@mandriva.com, pixel@mandriva.com	0%
	2	rpm rebuild bot	tvignaud@mandriva.com	0%
	2	urpmi backend for PackageKit	alefebvre@mandriva.com	70%
spec103	3	Switch to gcc 4.3	pixel@mandriva.com	0%
spec104	3	GDB update	herton@mandriva.com	80%
spec105	3	Security framework	kernel team, vdanen@mandriva.com	0%
spec106	3	Password hardening	vdanen@mandriva.com	90%
spec107	3	Xorg 7.4 ?	ander@mandriva.com.br	0%

Chapter 2. Mandriva Tools

<i>Id</i>	<i>Pri</i>	<i>Title</i>	<i>Implementor</i>	<i>Status</i>
spec200	3	Windows migration tool	oblin@mandriva.com, salem@mandriva.com	0%
spec201	3	Printerdrake future	salem@mandriva.com	5%
spec202	3	drakguard improvements	oblin@mandriva.com	0%
spec203	3	network tools memory footprint reduction	oblin@mandriva.com	0%
spec204	3	Draksnapshot restore tools	frozat@mandriva.com boiko@mandriva.com tvignaud@mandriva.com	0%
spec205	3	3G features request	oblin@mandriva.com	0%
spec206	3	kiosk mode for MCC	tvignaud@mandriva.com	100%
spec207	3	Live upgrade	tvignaud@mandriva.com dlallement@mandriva.com	0%
spec208	3	PolicyKit integration in Mandriva Tools	tvignaud@mandriva.com	0%
spec209	3	Mandriva One improvements	oblin@mandriva.com	0%
spec210	3	New design for installer	pixel@mandriva.com tvignaud@mandriva.com	0%
spec211	3	libparted port of diskdrake	pixel@mandriva.com	0%
spec212	3	improve installer profiles based on hardware	pixel@mandriva.com	0%
spec213	3	Drakxtools UI review	anicolas@mandriva.com	0%
spec214	2	Provide popularity attribute for packages	tvignaud@mandriva.com	0%
spec215	3	Provide options on updates frequency	tvignaud@mandriva.com	0%
spec216	3	Show type of update in mandrivaupdate	tvignaud@mandriva.com	100%
spec217	3	Improve user information in rpmdrake	tvignaud@mandriva.com	0%
spec218	3	Urpmi media auto configuration in all products	pixel@mandriva.com	0%
spec219	3	Help user in partitioning his disks	pixel@mandriva.com	0%

Chapter 3. Desktop environments

<i>Id</i>	<i>Pri</i>	<i>Title</i>	<i>Implementor</i>	<i>Status</i>
spec300	3	Icons theme choice	KDE and GNOME teams	0%
spec301	3	Reduce dictionaries proliferation	fcrozat@mandriva.com, KDE team	0%
spec302	3	OpenOffice.Org 3	cabral@mandriva.com	0%
spec303	3	KDE		
	3	Implementing Ia_Ora in KDE4	boiko@mandriva.com	20%
	3	Screensaver management	boiko@mandriva.com	0%
	3	Background management depending on hours in day	KDE team	0%
	3	Moodin integration in KDE4	boiko@mandriva.com	0%
	3	Ark improvement	KDE team	0%
	2	Kpanels for Plasma	boiko@mandriva.com	0%
	3	KDE upgrade policy	heliocastro@mandriva.com	0%
	3	krandr improvements	boiko@mandriva.com	0%
	2	Kopete plugin for MSN	salem@mandriva.com	0%
spec304	3	GNOME		
	3	GNOME 2.24	fcrozat@mandriva.com	0%
	3	Port Ia-Ora to Cairo	fcrozat@mandriva.com	0%
	3	Bluetooth cleanup (GNOME)	fcrozat@mandriva.com	0%
	3	LIRC support for GNOME	fcrozat@mandriva.com	0%
	3	Add theme support to GDM 2.22	fcrozat@mandriva.com	0%
	3	Improve color management in GNOME	fcrozat@mandriva.com	0%
	3	UI improvement in Mandriva GNOME	fcrozat@mandriva.com	0%
spec302	3	Firefox 3	salem@mandriva.com	%

Chapter 4. Infrastructure

<i>Id</i>	<i>Pri</i>	<i>Title</i>	<i>Implementor</i>	<i>Status</i>
spec401	3	SVN migration	Blino, Spuk	0%
spec402	3	rpmlint improvements	oblin@mandriva.com, spuk@mandriva.com	0%
spec403	3	youri upgrade	Blino, Spuk, Pixel, Guillaume Rouse	0%
spec404	3	Monitoring build system	nvigier@mandriva.com	0%
spec405	3	Improve build dependancies in build system	bogdano@mandriva.com	0%
spec406	3	Reduce nodes number	Blino, Spuk	0%