

Technical specifications for Mandriva Linux 2010

Technical specifications for Mandriva Linux 2010

Revision History

Revision 0.5 11 Jun 2009 Revised by: FC/AN
2010 initial specs

Table of Contents

Introduction.....	iv
1. Distribution Core	1
2. Mandriva Tools	3
3. Desktop environments	5
4. Infrastructure.....	6

Introduction

This document describes the ideas of new functionalities or improvements for Mandriva Linux 2010 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	Remove old kernel on upgrade	tvignaud@mandriva.com	0%
	5	Improve wireless support	herton@mandriva.com	80%
spec107	5	Xorg 1.7	ander@mandriva.com.br	0%
spec115	5	Shortcut for X restart	Ander <ander@mandriva.com.br>	100%
spec104	3	IPv6 support	eugeni@mandriva.com.br, blino@mandriva.com	0%
spec101	3	Boot		
	3	Improve boot time	Engineering team	70%
	3	GFXBoot bugs	cfergeau@mandriva.com	50%
	0	Switch to GRUB2 ?	cfergeau@mandriva.com	0%
	3	Create optional ghost compliant mode for GRUB install	cfergeau@mandriva.com	0%
	3	initscript improvements	oblin@mandriva.com / fcrozat@mandriva.com	0%
	3	Change failsafe access on gfxboot	cfergeau@mandriva.com	0%
	3	Add support for Kernel Mode Switch / Plymouth	fcrozat@mandriva.com	20%
	4	Complete / reorganize grub menu	cfergeau@mandriva.com	0%
spec105	3	Security tools redesign	Eugeni Dodonov <eugeni@mandriva.com>, Herton <herton@mandriva.com.br>	75%
spec103	5	Improve cryptographic data support	pterjan@mandriva.com	20%
spec102	3	Packaging System		
	3	Orphans packages	tvignaud@mandriva.com, kde@mandriva.com	80%
	2	rpm rebuild bot	tvignaud@mandriva.com	0%
	3	Update reason on api query	cfergeau@mandriva.com	0%
	3	Enhance repositories description	cfergeau@mandriva.com	40%
spec108	3	Guest account	tvignaud@mandriva.com	0%
spec235	3	Merge gdium port in cooker	apatard@mandriva.com	0%

spec111	3	Switch to gcc 4.4	cfergeau@mandriva.com	90%
spec112	3	Clean icedtea / openjdk	cfergeau@mandriva.com	0%
spec113	3	JPackage Integration	engineering team	0%
spec114	4	Moblin UI	claudio@mandriva.com, blino@mandriva.com	0%
spec115	2	Installation size	Engineering Team	0%

Chapter 2. Mandriva Tools

<i>Id</i>	<i>Pri</i>	<i>Title</i>	<i>Implementor</i>	<i>Status</i>
spec210	3	New design for installer	tvignaud@mandriva.com	90%
spec241	4	Allow to create btrfs and NILFS2 partitions with installer	pterjan@mandriva.com	0%
spec221	1	Add map to choose geographic position to installer	cfergeau@mandriva.com	0%
spec212	3	improve installer profiles based on hardware	tvignaud@mandriva.com, blino@mandriva.com	80%
spec233	3	Improve release notes access during installation	Thierry Vignaud <tvignaud@mandriva.com>	0%
spec200	3	Windows migration tool	oblin@mandriva.com, salem@mandriva.com	0%
spec207	3	Live upgrade	tvignaud@mandriva.com dlallement@mandriva.com cfergeau@mandriva.com	90%
spec213	3	Drakxtools UI review	anicolas@mandriva.com, alefevre@mandriva.com	30%
spec202	3	drakguard improvements	eugeni@mandriva.com.br	50%
spec203	3	network tools memory footprint reduction	eugeni@mandriva.com.br	50%
spec205	3	3G features request	eugeni@mandriva.com.br, tvignaud@mandriva.com, cfergeau@mandriva.com, blino@mandriva.com, kernel@mandriva.com	33%
spec230	3	Improve icon for protected network interfaces	Anne, Designer	0%
spec225	3	Easier wifi key setup	tvignaud@mandriva.com	100%
spec211	3	libparted port of diskdrake	pterjan@mandriva.com	90%
spec219	3	Help user in partitioning his disks	pterjan@mandriva.com	90%
spec226	3	Improve rpmdrake startup speed	tvignaud@mandriva.com	10%
spec217	3	Improve user information in rpmdrake	tvignaud@mandriva.com	0%
spec214	2	Provide popularity attribute for packages	tvignaud@mandriva.com	0%

spec218	3	Urpmi media auto configuration in all products	cfergeau@mandriva.com	90%
spec215	3	Provide options on updates frequency	tvignaud@mandriva.com	50%
spec220	3	Autodetect local urpmi repositories	cfergeau@mandriva.com	0%
spec241	5	Manage end of life distributions	tvignaud@mandriva.com	0%
spec204	3	Draksnapshot restore tools	fcozatz@mandriva.com boiko@mandriva.com tvignaud@mandriva.com	20%
spec228	3	Remove some obsolete drakxtools	tvignaud@mandriva.com	50%
spec241	5	Improve management of non broadcasting printing servers	spuk@mandriva.com	0%
spec222	2	Hardware test live CD	blino@mandriva.com	0%
spec209	3	Mandriva One improvements	cfergeau@mandriva.com	60%
spec208	3	PolicyKit integration in Mandriva Tools	tvignaud@mandriva.com	0%
spec226	3	Webkit based UI for drakxtools help and firsttime wizard	tvignaud@mandriva.com	0%
spec224	3	UI to store my.mandriva.com account credential on local system	alefebvre@mandriva.com	0%
spec235	3	Improve hybrid ISO images	cfergeau@mandriva.com, pterjan@mandriva.com	0%
spec237	3	Simplify post-install (One / Flash) steps	cfergeau@mandriva.com	0%
spec238	3	Clean-up xorg.conf file	cfergeau@mandriva.com	10%
spec239	3	Notification framework rework	Engineering team	0%
spec240	3	Spanish Translations	andre@mandriva.com	60%
spec241	5	Startup tour	anicolas@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%
spec303	3	KDE		
	3	Background management depending on hours in day	KDE team	0%
	3	KDE upgrade policy	heliocastro@mandriva.com	10%
	3	krandr improvements	boiko@mandriva.com	70%
	5	KDE menu entries	KDE Team	90%
spec304	3	GNOME		
	3	GNOME 2.28	fcrozat@mandriva.com	10%
	3	Port Ia-Ora to Cairo	fcrozat@mandriva.com	0%
	3	Bluetooth cleanup (GNOME)	fcrozat@mandriva.com	50%
	3	Add theme support to GDM 2.28	fcrozat@mandriva.com	0%
	3	Improve color management in GNOME	fcrozat@mandriva.com	0%
	3	UI improvement in Mandriva GNOME	fcrozat@mandriva.com	0%
spec306	3	Applications		
	3	Make Windows programs emulation easier	anicolas@mandriva.com	0%
	5	Update OpenOffice.Org	cabral@mandriva.com	100%
	5	Package CoGrOO	cabral@mandriva.com	0%
	5	OpenOffice.Org KDE 4 FilePicker	cabral@mandriva.com, qtlab team	10%
	4	Amazon plugin for popular multimedia applications	qtlab team, GNOME team	0%

Chapter 4. Infrastructure

<i>Id</i>	<i>Pri</i>	<i>Title</i>	<i>Implementor</i>	<i>Status</i>
spec400	3	Improve mirror management	fcrozat, romain	70%
spec401	3	SVN migration	Blino, Spuk	10%
spec408	3	Improve general svn management	Spuk	40%
spec402	3	rpmlint improvements	oblin@mandriva.com, spuk@mandriva.com	0%
spec403	3	youri upgrade	Blino, Spuk, Guillaume Rouse	0%
spec404	3	Monitoring build system	nvigier@mandriva.com	0%
spec405	3	Improve build dependencies in build system	bogdano@mandriva.com	20%
spec406	3	Reduce nodes number	Blino, Spuk	0%
spec407	3	Automatically clean testing repository	Spuk	0%
spec409	3	Automate kernel dependant package rebuild/upload	Spuk	0%
spec410	3	Improve DKMS package management	Spuk, Blino	0%
spec411	3	Auto build One ISO	cfergeau@mandriva.com	0%
spec412	3	Clean GPG repository keys	cfergeau@mandriva.com	10%