

Installer – 2008 Specifications

Installer	
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1 - Backlog

Version	Date	Author	Status	Comments
1.0	12/07/07	AN, FC		First version

Summary

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2 - Objectives

Here are main objectives for 2008 in installer:

- **adapt installer to new simplified product range:** it must fit easily advanced users and beginners. We will not have Discovery anymore
- take into account some comments to **improve general ergonomomy** of installer

3 - Reorganize installer for all kind of users

As installer has to fit with all kind of users, the point is to have as less screens as possible to make it clearer and easier.

3.1 security management

Security screen will be provided now from Summary step. We keep same default level for msec as in 2007.1 version.

3.2 users creation – root password

- **merge steps:** root password and users creation. Final name will be “Users management”. Root user will be renamed as “administrator (root)” so that it’s easily understandable.
- **accept/next buttons** in that screen was quite unclear. So we will allow only one user to be created at this step. We will propose to create more users from Summary.
- **advanced options:** advanced options text are not written in an unified way. « Id user » and « Group » are used to ask for uid and gid. Use « Id user » and « Id group » text

3.3 Packages selection

We will provide first screen as following. User will be able to choose:

- ✓ Mandriva KDE desktop
- ✓ Mandriva GNOME desktop
- ✓ Personalized choice

Two first choice will provide automatic set of packages based on Discovery profiles. Third choice will then continue on actual screen of packages choice.

4 - Improve ergonomcy and interface

4.1 Screenshots management

- **Problem:** No help to explain how to generate it. Only one appears when F2 is used and explain where to find it

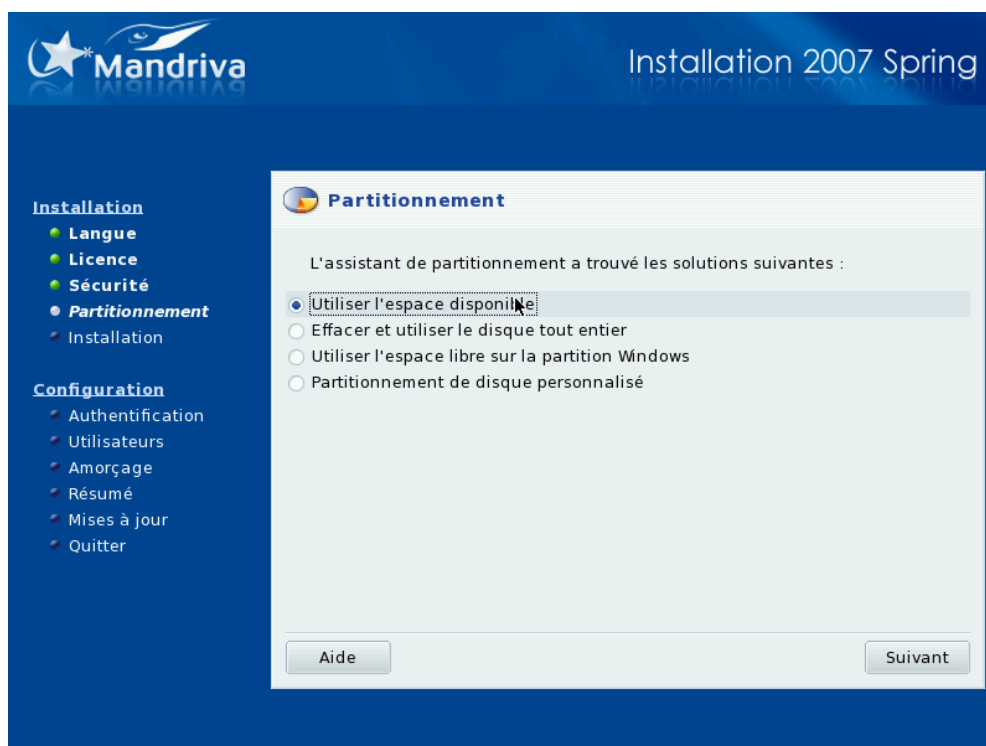
Add howto in help screen and propose print screen key as an alternative to F2 key

4.2 Msec configuration

- **Problem:** no title for any screen of msec
- **Problem:** ntfs-3g use with fat32 partitions – needs to review default rights on files in mounted fat32 partitions depending on msec level and so modifying umask definition (vfat level ≥ 3)

Proposal is to increase level to 4

4.3 Partitioning using Windows partition



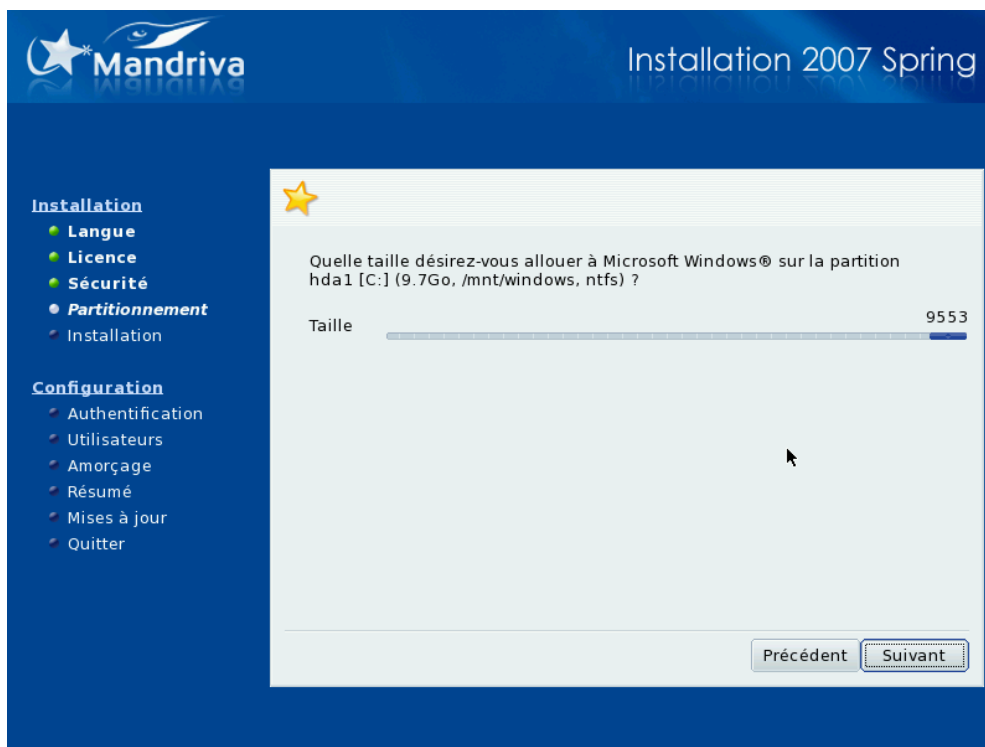
- **Problem:** items order is quite disturbing especially for beginners, proposing in one of firts choice to delete all

use different order:

- ✓ use available space
- ✓ use Linux partitions
- ✓ use free space on Windows partition
- ✓ erase and use whole disk
- ✓ personnaliszed partition (expert)

- **Problem:** lots of title missing for coming screens

check each screen to provide title



- **Problem:** lack of information for beginner on Linux
- ✓ Add information about minimum space to get for usual desktop installation
- ✓ Print size information for both Linux and Windows : progress bar for Linux + information about space allocated to Windows
- ✓ Set by default size to the one advised in help text
- ✓ Add help button in screen

4.4 Partitioning using multiple Windows partitions

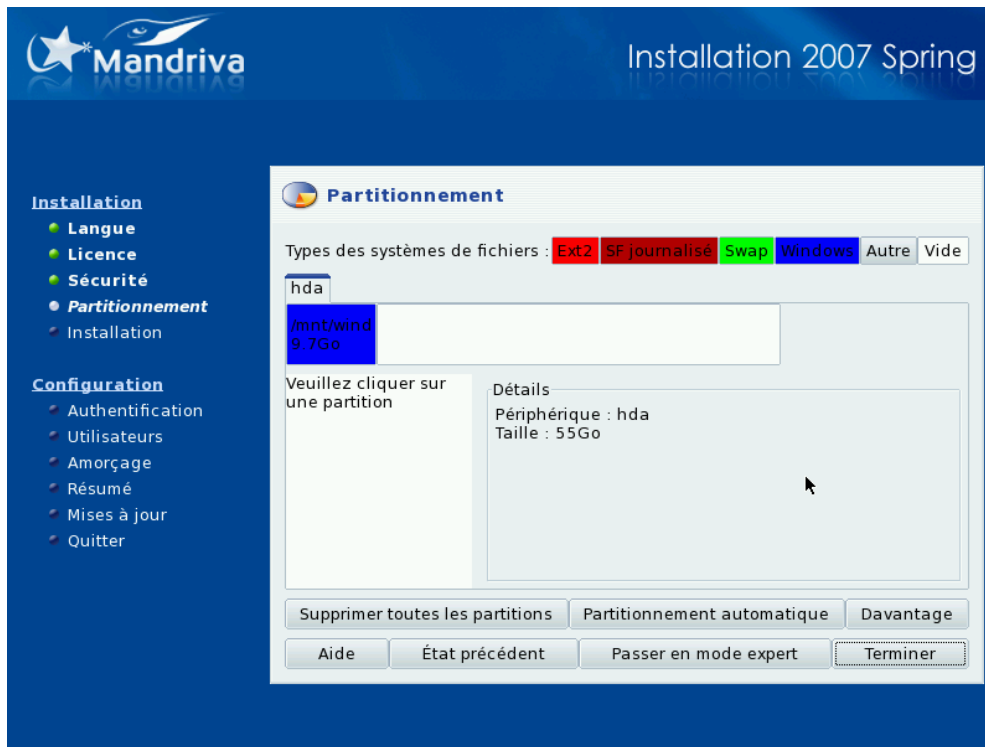
- **Problem:** list of existing partitions is quite unclear especially for beginners

Add more information explaining existing partitions using something like a table :

Windows letter	Linux partition	Size	Kind of file system	Status
C:	hda1	10 Go	NTFS	
D:	hda2	20 Go	NTFS	

Status column would contain message that is at the moment provided in console (already localized)

4.5 Using personalized partition

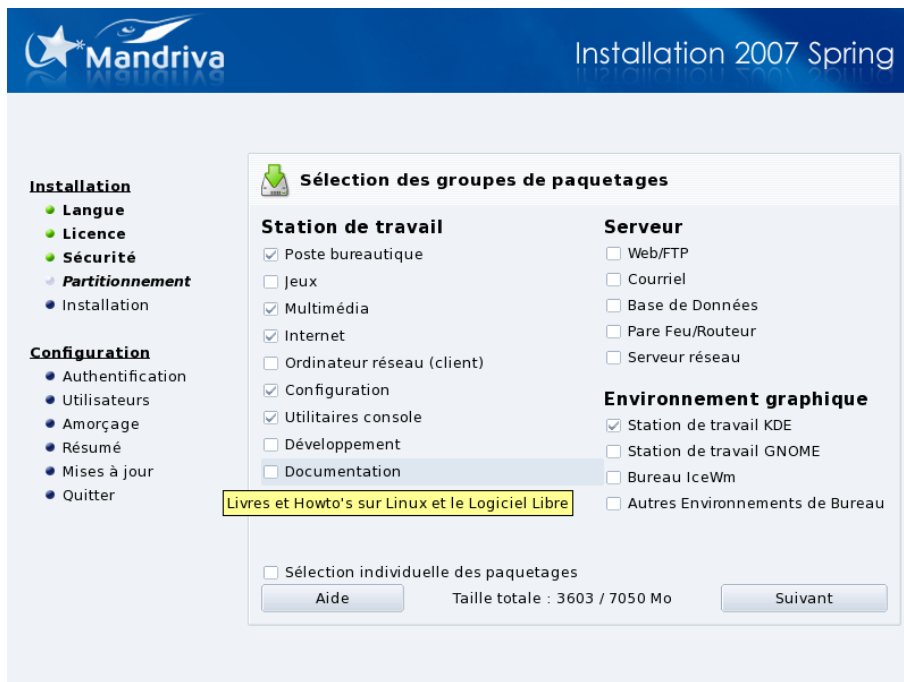


- **Problems:** using white color on coloured block is heavily readable, name and size of tabs representing disks are not understandable enough

4.6 Packages selection

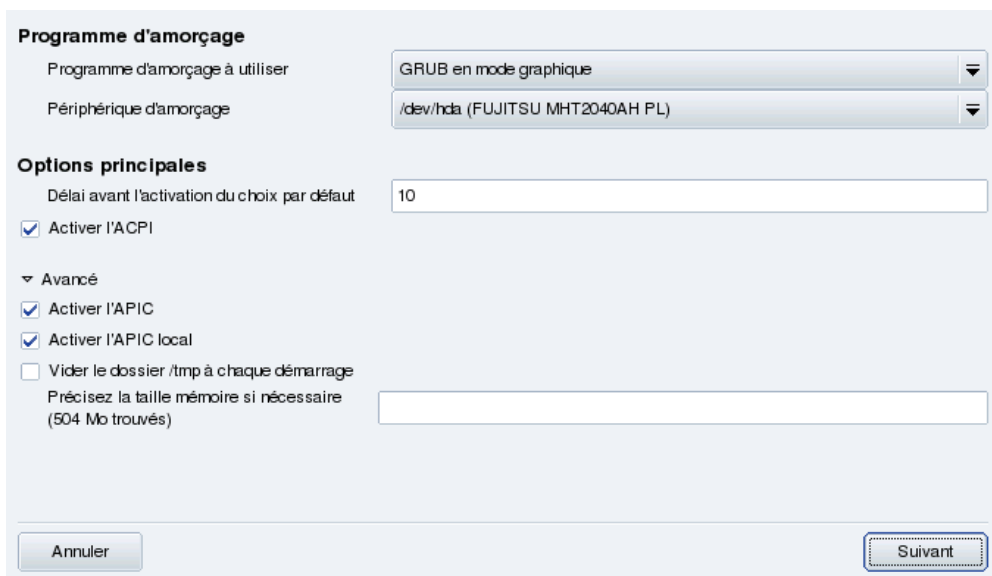
- **Problem:** help messages and tooltip you can get scrolling over categories are outdated and unclear

Use general functionality to describe a category



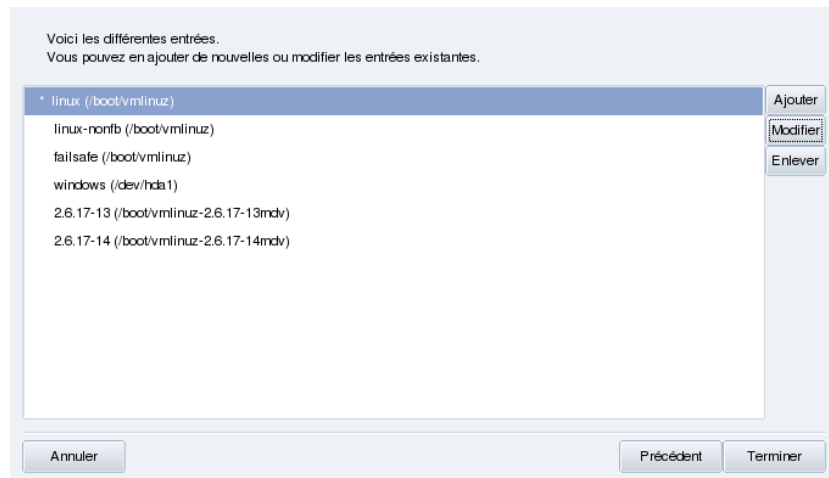
- **Problem:** components in categories can be quite unlogical and unclear and installed packages do not fit to category choice
- ✓ Update list of packages in categories
- ✓ Use categories only if it can propose identified software without any choice as this kind of interface cannot allow any choice

4.7 Boot manager Configuration



- **Problem:** no help button and online help

Add help based on official documentation

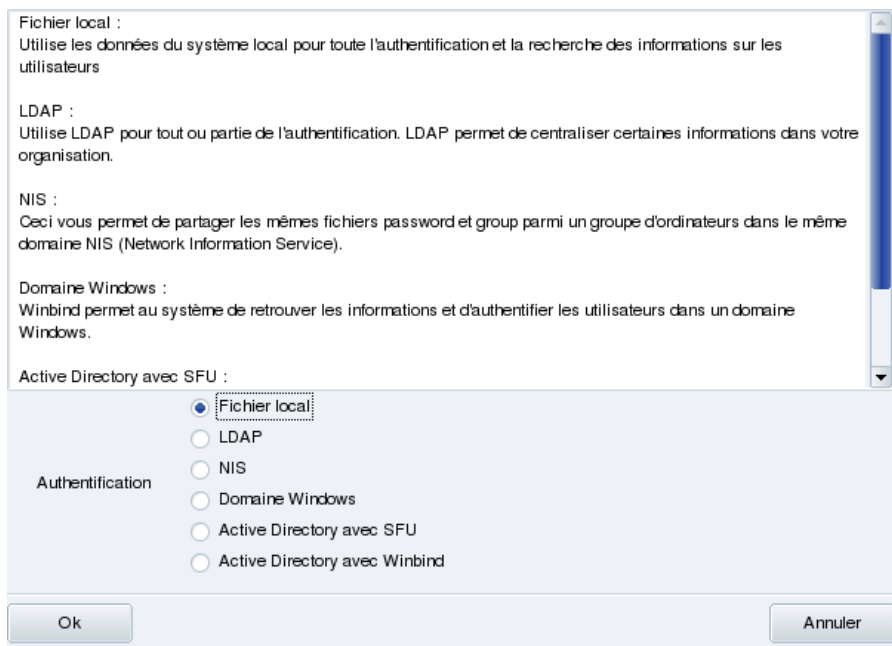


- **Problem:** usual options are hard to find (ex: default boot definition)

review general interface to get more understandable tool.

Option like choosing default OS to be started should be on first screen proposing images as a list so that user can choose it easily

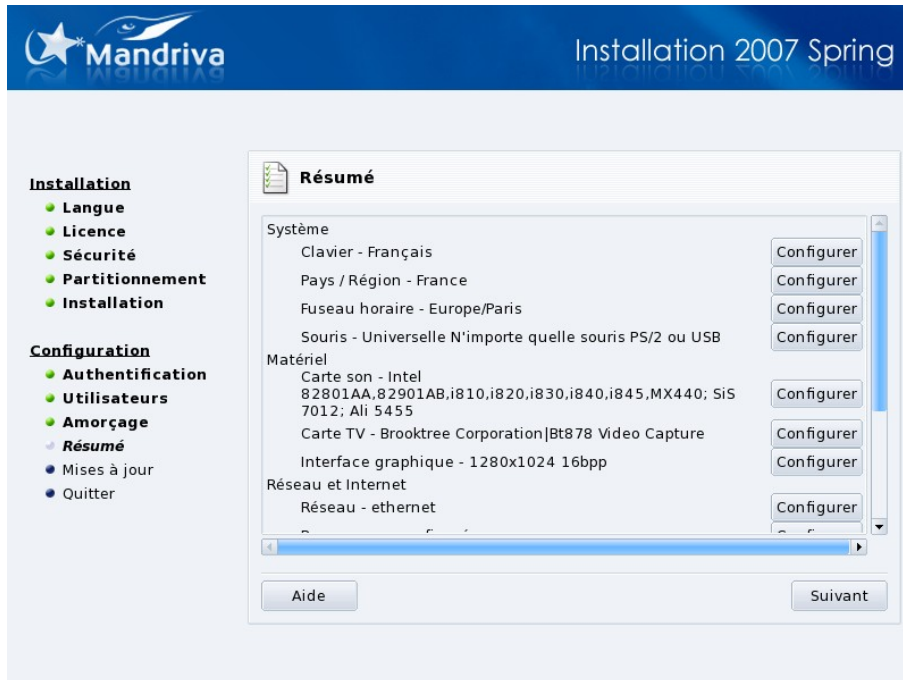
4.8 Users management



- **Problem:** advanced option is barely readable and provide help in main screen instead of help window

Provide only radio button on main screen and switch help text to help window

4.9 Summary screen



- **Problem:** List of items is quite long and classification could be reviewed to be more logical for users

Work on classification using also tree organization:

Actual screen

Proposal for Summary

System

keyboard
country/region
timezone
mouse

Hardware

sound card
graphical interface

Network & Internet

Network
Proxies

Security

security level
firewall

Boot

Bootloader

System

Services

System

timezone
country/region
bootloader
user management
services

Hardware

keyboard
mouse
sound card
graphical interface

Network & Internet

Network center
Proxies

Security

security level
firewall

