

{jcomments off}

What is repository

Repositories are centralized software archives, owned by user-group or society:

- * official repository, directly cared by Mandriva Soft
- * unofficial repository, cared by small user-group or club, as MIB

Benefits in comparison to distribute archives

Mandriva Linux use centralized archives, in contrast to other linux distribution that use distribute archives. Centralized archives are more useful than distribute archives because of centralized archives contains all the softwares and all its dependencies, and you can download all together.

Moreover benefits are:

- * Easy installation of all packages, because system can use lists to know recent packages and can solve dependencies.
- * Traceability of package's provider, improving security.

Lists can be of two types:

- * `hdlist.cz` (big and complete)
- * **`synthesis.hdlist.cz` (light)**

MIB provides in his repos newer packages than Mandriva, with internal optimizations, or provides untraceable packages.

To add our repos you must take the following commands in a root console (for each command you must have a positive confirmation before to take the next):

I M P O R T A N T :

arch. /i686 e' la scelta **32-bit** consigliata dal **MIB** come predefinita, se avete installato la Distro Mandriva Linux 32-bit, chiamata anche i586.

arch. /i586 e' la scelta **32-bit** solamente di ripiego se avete un PC troppo vecchio (anteriore al Pentium 3-MMX) o dotato di processore bacato, che non riesce a funzionare con le estensioni multimediali, e trarne profitto.

arch. /x86_64 e' la scelta giusta per l'architettura **64-bit**, ma solo se avete installato la Distro Mandriva Linux 64-bit, x86_64.

In order to config all Mandriva repos mdv, plf, MIB and Edumandriva now we have a new easyurpmi tool: **Mandriva.ru**.

link:

<http://urpmi.mandriva.ru/>

or

Procedura Completa per la configurazione di tutti i repository necessari:

* Per prima cosa, assicuratevi di avere ben configurato i repo ufficiali di Mandriva (Add Official medias) e i PLF (Add PLF medias) ai quali i repo MIB si appoggiano, integrando e completando il supporto, quindi, se non l'avete gia' fatto precedentemente potete adesso anche usare quest'ottimo Link, :

<http://easyurpmi.zarb.org>

* Per aggiungere i Nostri repo MIB dovreste digitare o copiare da una console di root i seguenti blocchi di comandi (aspettate l'esito positivo prima di dare il successivo.)

Mandriva 2010.0: arch. i686 (32-bit)

Copy/paste the following strings in a root console:

```
urpmi.addmedia --update MIB-basic_32 http://mib.pianetalinux.org/MIB/2010.0/32/basic/ with
media_info/synthesis.hdlist.cz
urpmi.addmedia MIB-experts_32 http://mib.pianetalinux.org/MIB/2010.0/32/experts/ with
media_info/synthesis.hdlist.cz
```

Mandriva 2010.0: arch. x86_64 (64-bit):

Copy/paste the following strings in a root console:

```
urpmi.addmedia --update MIB-basic_64 http://mib.pianetalinux.org/MIB/2010.0/64/basic/ with
media_info/synthesis.hdlist.cz
urpmi.addmedia MIB-experts_64 http://mib.pianetalinux.org/MIB/2010.0/64/experts/ with
media_info/synthesis.hdlist.cz
```

Mandriva 2009.1: arch. i686 (32-bit)

Copy/paste the following strings in a root console:

```
urpmi.addmedia --update MIB-FREE_i686 http://mib.pianetalinux.org/2009.1/i686/MIB-free/ with
media_info/synthesis.hdlist.cz

urpmi.addmedia --update MIB-NOFREE_i686
http://mib.pianetalinux.org/2009.1/i686/MIB-nonfree/ with media_info/synthesis.hdlist.cz
```

Mandriva 2009.1: arch. x86_64 (64-bit):

Copy/paste the following strings in a root console:

```
urpmi.addmedia --update MIB-FREE_x64 http://mib.pianetalinux.org/2009.1/x86_64/MIB-free/
with media_info/synthesis.hdlist.cz

urpmi.addmedia --update MIB-NOFREE_x64
http://mib.pianetalinux.org/2009.1/x86_64/MIB-nonfree/ with media_info/synthesis.hdlist.cz
```

Mandriva 2009.0: arch. i686 (32-bit)

Copy/paste the following strings in a root console:

```
urpmi.addmedia --update MIB_i686_progs http://mib.pianetalinux.org/2009.0/i686/progs with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_i686_games http://mib.pianetalinux.org/2009.0/i686/games with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_noarch http://mib.pianetalinux.org/2009.0/noarch with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia MIB_i686_NonFree http://mib.pianetalinux.org/2009.0/i686/non-free with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_i686_PlifFree http://mib.pianetalinux.org/2009.0/i686/plf-free with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_i686_PlifNonFree  
http://mib.pianetalinux.org/2009.0/i686/plf-nofree with media_info/synthesis.hdlist.cz
```

Mandriva 2009.0: arch. x86_64 (64-bit):

Copy/paste the following strings in a root console:

```
urpmi.addmedia --update MIB_x86_64_progs http://mib.pianetalinux.org/2009.0/x86_64/progs  
with media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_x86_64_games  
http://mib.pianetalinux.org/2009.0/x86_64/games with media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_noarch http://mib.pianetalinux.org/2009.0/noarch with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia MIB_x86_64_NonFree http://mib.pianetalinux.org/2009.0/x86_64/non-free with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_x86_64_PlifFree  
http://mib.pianetalinux.org/2009.0/x86_64/plf-free with media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_x86_64_PlifNonFree  
http://mib.pianetalinux.org/2009.0/x86_64/plf-nofree with media_info/synthesis.hdlist.cz
```

Mandriva 2008.1: arch. i686 (32-bit)

Copy/paste the following strings in a root console:

```
urpmi.addmedia --update MIB_i686_progs http://mib.pianetalinux.org/2008.1/i686/progs with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_i686_games http://mib.pianetalinux.org/2008.1/i686/games with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_noarch http://mib.pianetalinux.org/2008.1/noarch with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia MIB_i686_NonFree http://mib.pianetalinux.org/2008.1/i686/non-free with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_i686_Plifree http://mib.pianetalinux.org/2008.1/i686/plf-free with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_i686_PlifNonFree  
http://mib.pianetalinux.org/2008.1/i686/plf-nofree with media_info/synthesis.hdlist.cz
```

Mandriva 2008.1: arch. x86_64 (64-bit):

Copy/paste the following strings in a root console:

```
urpmi.addmedia --update MIB_x86_64_progs http://mib.pianetalinux.org/2008.1/x86_64/progs  
with media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_x86_64_games  
http://mib.pianetalinux.org/2008.1/x86_64/games with media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_noarch http://mib.pianetalinux.org/2008.1/noarch with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia MIB_x86_64_NonFree http://mib.pianetalinux.org/2008.1/x86_64/non-free with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_x86_64_Plifree  
http://mib.pianetalinux.org/2008.1/x86_64/plf-free with media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_x86_64_PlifNonFree  
http://mib.pianetalinux.org/2008.1/x86_64/plf-nofree with media_info/synthesis.hdlist.cz
```

Mandriva 2008.0: arch. i686 (32-bit)

Copy/paste the following strings in a root console:

```
rpm -ivh --force
```

```
http://mib.pianetalinux.org/2008.0/noarch/fix-rpm-macros-1.0-1.mib2008.0.noarch.rpm
```

```
urpmi.addmedia --update MIB_i686_progs http://mib.pianetalinux.org/2008.0/i686/progs with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_i686_games http://mib.pianetalinux.org/2008.0/i686/games with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_noarch http://mib.pianetalinux.org/2008.0/noarch with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia MIB_i686_NonFree http://mib.pianetalinux.org/2008.0/i686/non-free with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_i686_PlfFree http://mib.pianetalinux.org/2008.0/i686/plf-free with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_i686_PlfNonFree  
http://mib.pianetalinux.org/2008.0/i686/plf-nofree with media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia MIB_i686_Kde359 --update  
http://mib.pianetalinux.org/2008.0/extra/kde-359_i686/ with media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia MIB_i686_Kde359_noarch --update  
http://mib.pianetalinux.org/2008.0/extra/kde-359_noarch/ with media_info/synthesis.hdlist.cz
```

Mandriva 2008.0: arch. x86_64 (64-bit)

Copy/paste the following strings in a root console:

```
rpm -ivh --force
```

```
http://mib.pianetalinux.org/2008.0/noarch/fix-rpm-macros-1.0-1.mib2008.0.noarch.rpm
```

```
urpmi.addmedia --update MIB_x86_64_progs http://mib.pianetalinux.org/2008.0/x86_64/progs  
with  
media_info/synthesis.hdlist.cz
```

```
urpmi.addmedia --update MIB_x86_64_games
```

`http://mib.pianetalinux.org/2008.0/x86_64/games with media_info/synthesis.hdlist.cz`

`urpmi.addmedia --update MIB_noarch http://mib.pianetalinux.org/2008.0/noarch with media_info/synthesis.hdlist.cz`

`urpmi.addmedia MIB_x86_64_NonFree http://mib.pianetalinux.org/2008.0/x86_64/non-free with media_info/synthesis.hdlist.cz`

`urpmi.addmedia --update MIB_x86_64_PlifFree
http://mib.pianetalinux.org/2008.0/x86_64/plf-free with media_info/synthesis.hdlist.cz`

`urpmi.addmedia --update MIB_x86_64_PlifNonFree
http://mib.pianetalinux.org/2008.0/x86_64/plf-nofree with media_info/synthesis.hdlist.cz`

`urpmi.addmedia MIB_x86_64_Kde359 --update
http://mib.pianetalinux.org/2008.0/extra/kde-359_x64/ with media_info/synthesis.hdlist.cz`

`urpmi.addmedia MIB_x86_64_Kde359_noarch --update
http://mib.pianetalinux.org/2008.0/extra/kde-359_noarch/ with media_info/synthesis.hdlist.cz`

Mandriva 2007.1: arch. i686 (32-bit)

Copy/paste the following strings in a root console:

`urpmi.addmedia --update 20071MIB-noarch http://mib.pianetalinux.org/2007.1/noarch with media_info/synthesis.hdlist.cz`

`urpmi.addmedia --update 20071MIB-i686 http://mib.pianetalinux.org/2007.1/i686 with media_info/synthesis.hdlist.cz`

`urpmi.addmedia --update 20071MIB-NonFree http://mib.pianetalinux.org/2007.1/non-free with media_info/synthesis.hdlist.cz`

`urpmi.addmedia --update 20071MIB-PlifFree http://mib.pianetalinux.org/2007.1/plf-mib/free with media_info/synthesis.hdlist.cz`

`urpmi.addmedia --update 20071MIB-PlifNonFree
http://mib.pianetalinux.org/2007.1/plf-mib/non-free with media_info/synthesis.hdlist.cz`

`urpmi.addmedia --update 20071MIB_games http://mib.pianetalinux.org/2007.1/games with media_info/synthesis.hdlist.cz`

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