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Latest release of VirtualBox

The easy way for Pardus 2011

Installing VirtualBox

Install VirtualBox from the official Pardus repo, which is available in Package Manager.

VirtualBox Extension Pack for Pardus 2011

Check the version of the used VirtualBox in KMenu > System > Oracle VM VirtualBox > Help > VirtualBox info...

Select the appropriate VirtualBox x.y.z Extension Pack >All Platforms and select Open with:/usr/bin/xdg-open (default) and follow the instructions.

The easy way for Pardus 2008/2009

Use ONLY the "http://en.pardus-wiki.orgInstalling VirtualBox by a RUN-file"http://en.pardus-wiki.org option in Pavi

With all other options there is a **BIG** change that it will destroy your system.

So don't use the options "http://en.pardus-wiki.orgDownloading and installing VirtualBox from the internet"http://en.pardus-wiki.org and "http://en.pardus-wiki.orgUpgrade VirtualBox"http://en.pardus-wiki.org.

1. Add repository. (from http://www.pardususer.de/)

Name:

```
pardususer.de
```

Address for Pardus 2009:

```
http://pakete.pardususer.de/pardus-2009/pisi-index.xml.bz2
```

(in konsole: sudo pisi ar pardususer.de http://pakete.pardususer.de/pardus-2009/pisi-index.xml.bz2 -y)

Address for Pardus 2008:

```
http://pakete.pardususer.de/pardus-2008/pisi-index.xml.bz2
```

(in konsole: sudo pisi ar pardususer.de http://pakete.pardususer.de/pardus-2008/pisi-index.xml.bz2 -y)

2. Search and install Pavi in Package Manager. After installation Pavi can be found in: System > Pavi (Pardus VirtualBox Installer)

3. With Pavi you can install/update VirtualBox in Pardus. After installation of VirtualBox the menu item is in: System > Oracle VM VirtualBox (Virtual Machine)

Documentation can be found in /opt/VirtualBox/UserManual.pdf and have a look at http://www.virtualbox.org/wiki/User_FAQ

The not so easy way

Download VirtualBox Package

1. Run browser. Navigate to: http://www.virtualbox.org/wiki/Linux_Downloads or http://dlc.sun.com/virtualbox/vboxdownload.html#linux (including previous versions)
2. Download the BIN file: "http://en.pardus-wiki.orgAll Distributions [i386/AMD64]"http://en.pardus-wiki.org and save it on your desktop

Prepare VirtualBox Installation

Run Package Manager, make sure "http://en.pardus-wiki.orgShow New Packages"http://en.pardus-wiki.org is clicked on, then search, and click on the checkboxes that read:

1. "http://en.pardus-wiki.orgkernel-source"http://en.pardus-wiki.org
2. "http://en.pardus-wiki.orggcc"http://en.pardus-wiki.org
3. "http://en.pardus-wiki.orgmake"http://en.pardus-wiki.org.

Install VirtualBox

1. Run Konsole [Programs>System>Konsole], type "http://en.pardus-wiki.orgsu root"http://en.pardus-wiki.org ('to perform high-level functions), give password. Then type "http://en.pardus-wiki.orgcd Desktop"http://en.pardus-wiki.org to navigate to the Desktop where it has been saved, if you have saved it elsewhere type "http://en.pardus-wiki.orgcd /home/[username]/[foldername] etc."http://en.pardus-wiki.org
2. In Konsole, type the following to install VirtualBox:

```
sh "name of the downloaded file"
```

When the kernel in Pardus is updated you have to repeat the "http://en.pardus-wiki.orgsh ...."http://en.pardus-wiki.org command.

3. To load the kernel module after a new start give the command:

```
echo vboxdrv>>/etc/modules.autoload.d/kernel-2.6
```

4. If you need "http://en.pardus-wiki.orgHost Interface"http://en.pardus-wiki.org networking give the command:

```
echo vboxnetflt>>/etc/modules.autoload.d/kernel-2.6
```

5. Finally you need to create an extra symbolic link (a bug workaround):

```
ln -s /lib/libcap.so.2.10 /lib/libcap.so.1
```

6. Close Konsole

Add Users To VirtualBox

1. In Pardus>Tasma>System>User Manager select the user that is allowed to use VirtualBox and select 'Edit'
2. In 'Groups' put a mark at 'vboxusers' and 'Apply'
3. Close User Manager and Tasma.

Activating USB support.

1. Open file /etc/fstab in KWrite with administrator privileges: [Alt + F2] and enter **kdesu kwrite /etc/fstab** + [Run].
2. Add the next line at the bottom:

```
none /proc/bus/usb usbfs devgid=85,devmode=666 0 0   + <enter>
```

3. Save file and close KWrite.
4. **Restart** the computer.
5. In VirtualBox a USB stick can be mounted with Devices > USB Devices > .

Stable version of VirtualBox

A stable version of VirtualBox can be installed through Package Manager.

Warning: this version doesn't give support for USB !