


Download Virtual Box:

<https://www.virtualbox.org/wiki/Downloads>



VirtualBox

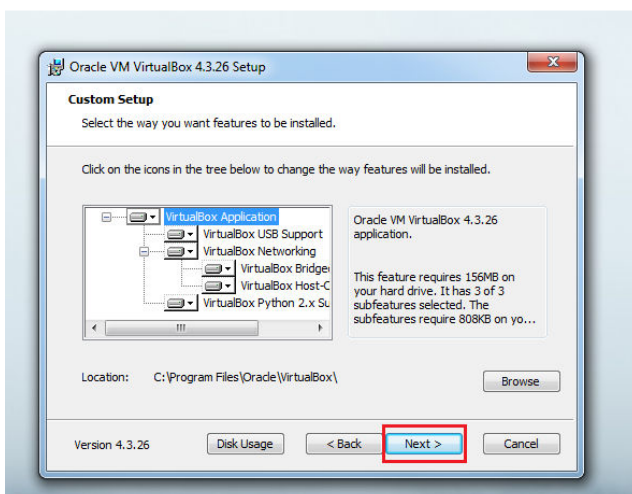
Download VirtualBox

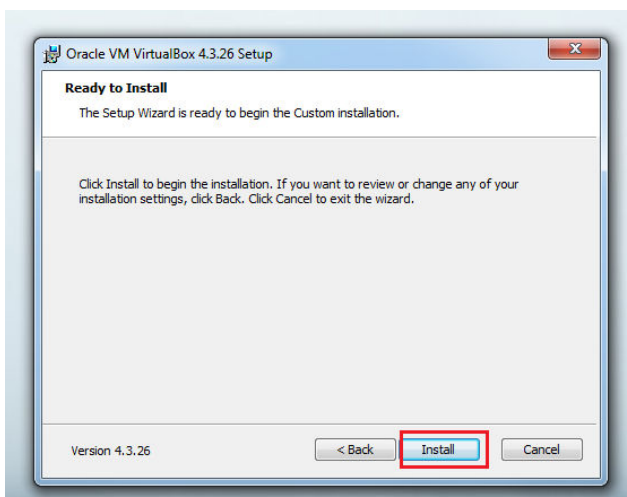
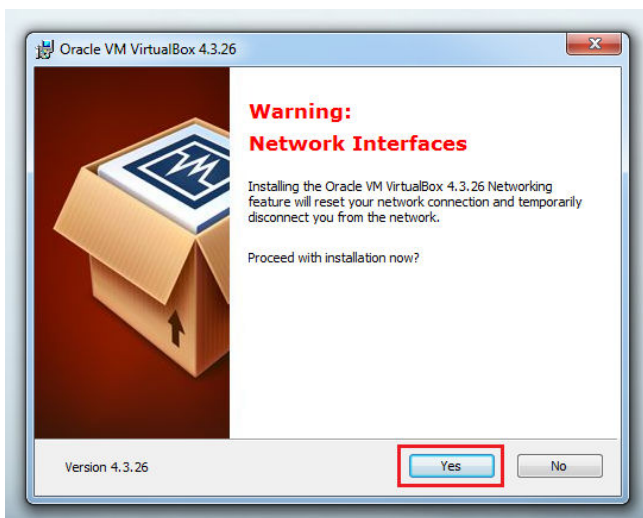
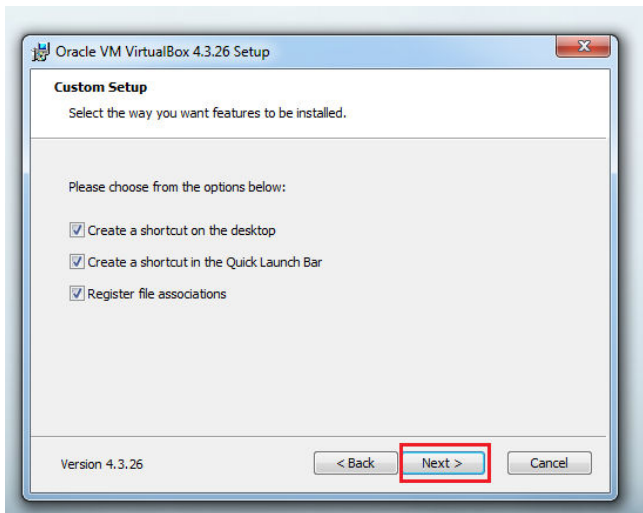
Here, you will find links to VirtualBox binaries and its source code.

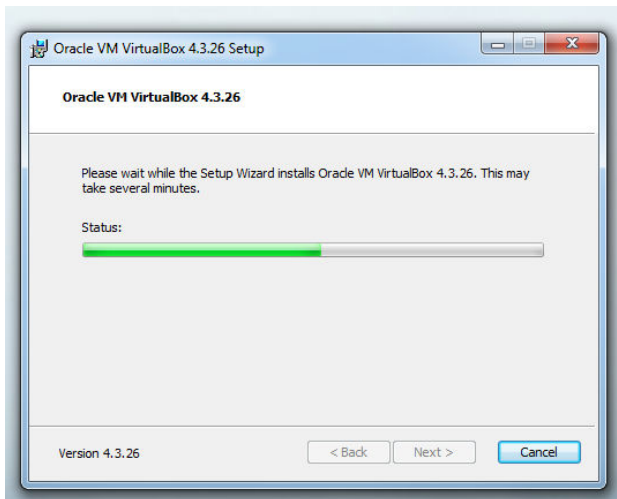
VirtualBox binaries

By downloading, you agree to the terms and conditions of the respective license.

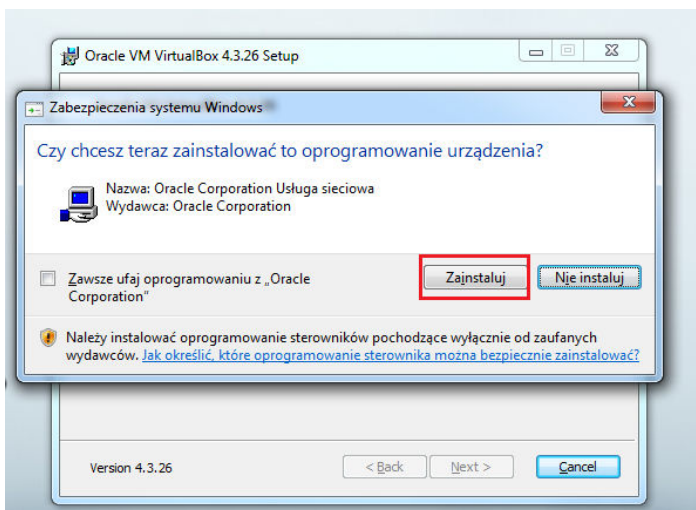
- **VirtualBox platform packages.** The binaries are released under the terms of the GPL version 2.
 - **VirtualBox 4.3.26 for Windows hosts** ⇨ x86/amd64
 - **VirtualBox 4.3.26 for OS X hosts** ⇨ x86/amd64
 - **VirtualBox 4.3.26 for Linux hosts**
 - **VirtualBox 4.3.26 for Solaris hosts** ⇨ amd64
- **VirtualBox 4.3.26 Oracle VM VirtualBox Extension Pack** ⇨ All supported platforms
Support for USB 2.0 devices, VirtualBox RDP and PXE boot for Intel cards. See [this chapter from the User Manual Evaluation License \(PUEL\)](#).
Please install the extension pack with the same version as your installed version of VirtualBox!
If you are using **VirtualBox 4.2.28**, please download the extension pack ⇨ [here](#).
If you are using **VirtualBox 4.1.36**, please download the extension pack ⇨ [here](#).
If you are using **VirtualBox 4.0.28**, please download the extension pack ⇨ [here](#).
- **VirtualBox 4.3.26 Software Developer Kit (SDK)** ⇨ All platforms



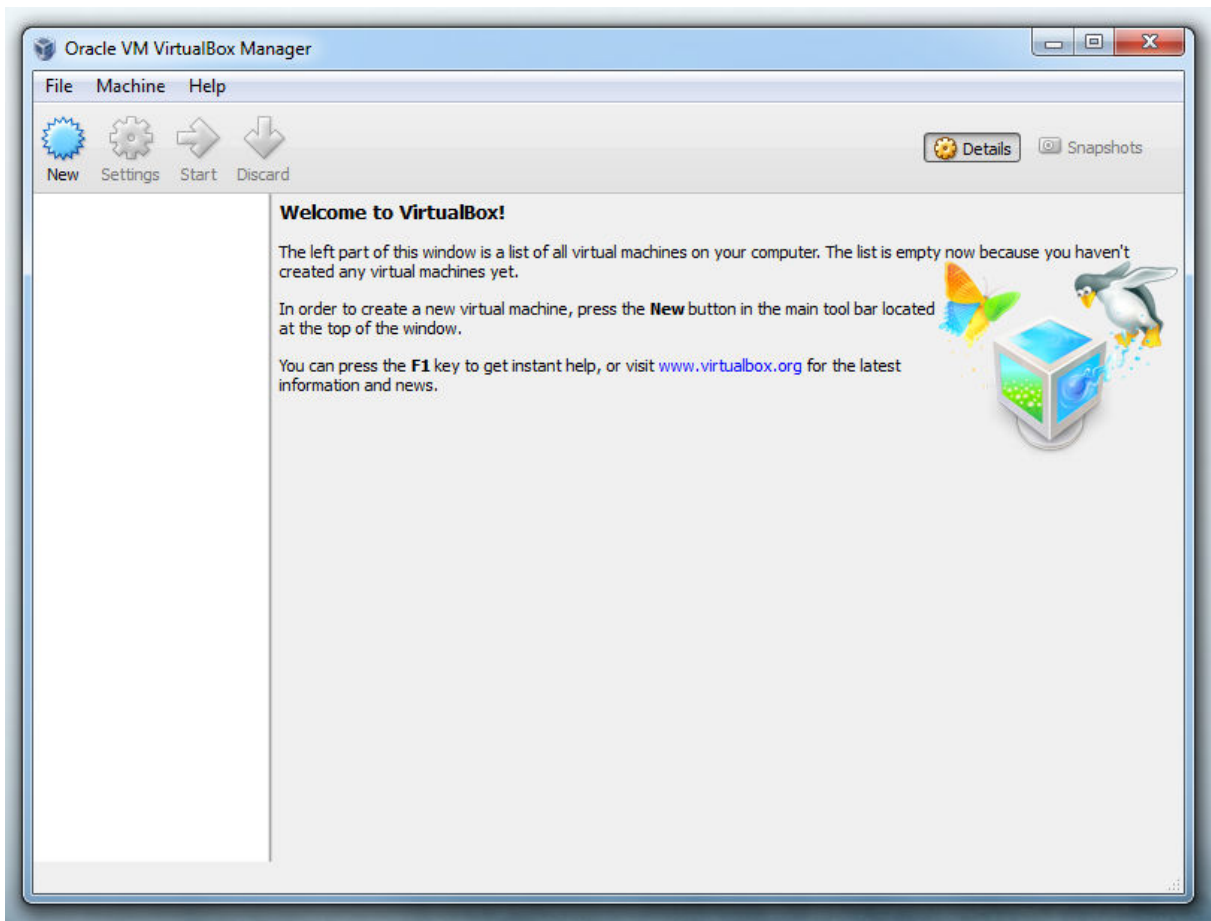




X times in your local system language:



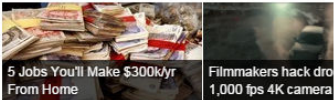
And you have the virtual box installed:



Prepared images for virtual box:

<http://virtualboxes.org/images/>

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VirtualBoxes – Free VirtualBox® Images

Ready-to-use virtual machines for open-source operating systems

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Images

About these ads

We provide pre-built images for several open-source operating systems.

Please note that:

1. Every image contains the latest software *as of the day the image was built*. Performing updates is on your own, and may require looking for documentation to read using your favourite search engine.
2. **Default usernames and passwords**, where required, can be found next to the download link of each image.
You are warmly invited to create your own user, or at least to change passwords, if you intend to use the images in a public environment.

Scroll down to get

GNU/Linux (GNU userland tools running on top of the [Linux kernel](#))

- [Archlinux \(website\)](#).
- [CentOS \(website\)](#): the installation is done from the DVD, with default parameters set
- [Damn Small Linux \(website\)](#): the installation is done from the CD, with default parameters set.
- [Debian \(website\)](#): the installation has been done from the netinstall ISO image for the x86 architecture.
- [DeLi Linux \(website\)](#).
- [Dreamlinux](#): the installation has been done from the CD, with default parameters set.
- [Fedora \(website\)](#).
- [Fluxbuntu \(website\)](#): the installation is done from the CD, with default parameters set.
- [Gentoo \(website\)](#): the installation is done from the ISO image, then customized .
- [gNewSense \(website\)](#): the installation is done from the CD, with default parameters set.
- [gOS \(website\)](#).
- [Kubuntu \(website\)](#): the installation is done from the CD, with default parameters set.
- [LinuxMint \(website\)](#): the installation is done from the CD, with default parameter set.
- [Lubuntu \(website\)](#): the installation is done from the CD, with default parameter set.
- [Mandriva \(website\)](#): the installation is done from the CD, with default parameters set.
- [Manjaro \(website\)](#): the installation is done from the CD, with default parameters set.
- [Moblin 2 \(website\)](#): the installation is done from the .img/.iso file provided by the project.
- [moonOS \(website\)](#).
- [OpenSUSE \(website\)](#).
- [PCLinuxOS \(website\)](#).
- [Puppy Linux \(website\)](#).
- [Sidux \(website\)](#).
- [Slackware \(website\)](#): the installation has been done from the first CD, selecting the bare minimum disk sets.
- [SliTaz \(website\)](#)
- [Tiny Core Linux \(website\)](#)
- [TinyMe \(website\)](#)
- [Ubuntu \(website\)](#): the installation is done from the CD, with default parameters set.
- [Ubuntu Server \(website\)](#): the installation is done from the CD.
- [Ubuntu Studio \(website\)](#): the installation is done from the CD, with default parameters set
- [Xubuntu \(website\)](#): the installation is done from the CD, with default parameters set.
- [VectorLinux \(website\)](#):the installation is done from the CD, with default parameters set.
- [Zenwalk \(website\)](#): the installation is done from the Standard Edition CD, with default parameters set.

14. Ubuntu Linux 11.10 x86

Size (compressed/uncompressed): 608 MB/2.9 GB

Link: http://sourceforge.net/projects/virtualboximage/files/Ubuntu%20Linux/11.10/ubuntu_11.10-x86.7z/download

Active user account(s) (username/password): ubuntu/reverse

Notes: Guest Additions installed; Unity works in VirtualBox 4.1.4 with GA installed and 3d enabled

15. Ubuntu Linux 12.04 x86

Size (compressed/uncompressed): 769 MB/3.2 GB

Link: http://sourceforge.net/projects/virtualboximage/files/Ubuntu%20Linux/12.04/ubuntu_12.04-x86.7z

Active user account(s) (username/password): ubuntu/reverse

Notes: Guest Additions NOT installed; tip: set Video RAM 64MB minimum

16. Ubuntu Linux 12.10 x86

Size (compressed/uncompressed): 613 MB/3.0 GB

Link: <http://sourceforge.net/projects/virtualboximage/files/Ubuntu%20Linux/12.10/ubuntu-12.10-desktop-i386.7z>

Active user account(s) (username/password): ubuntu/reverse

Notes: Guest Additions installed

17. Ubuntu Linux 13.04 x86

Size: 1.2 GB

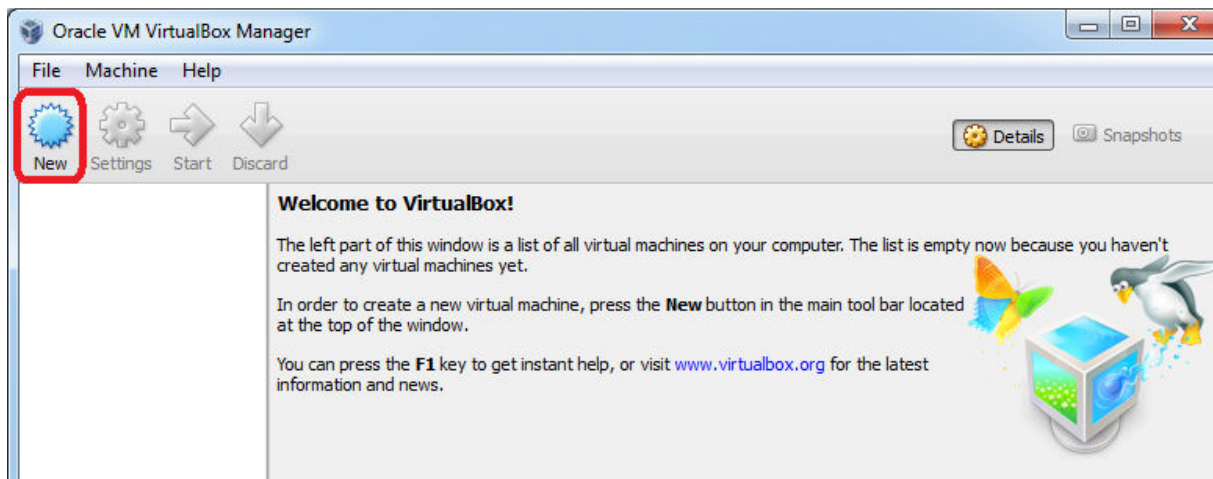
Link: [Torrent](#)

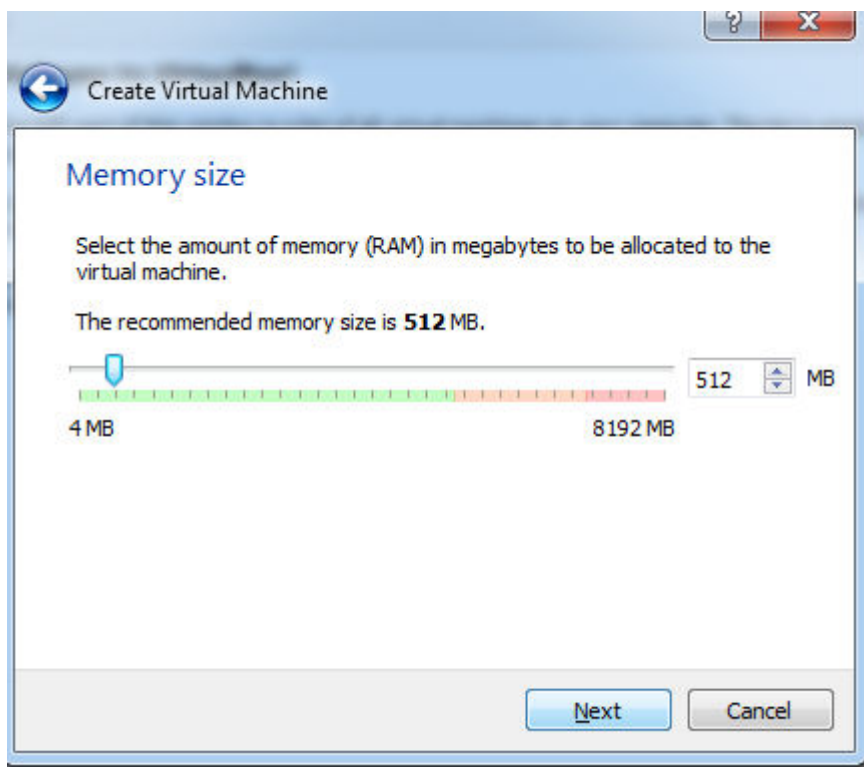
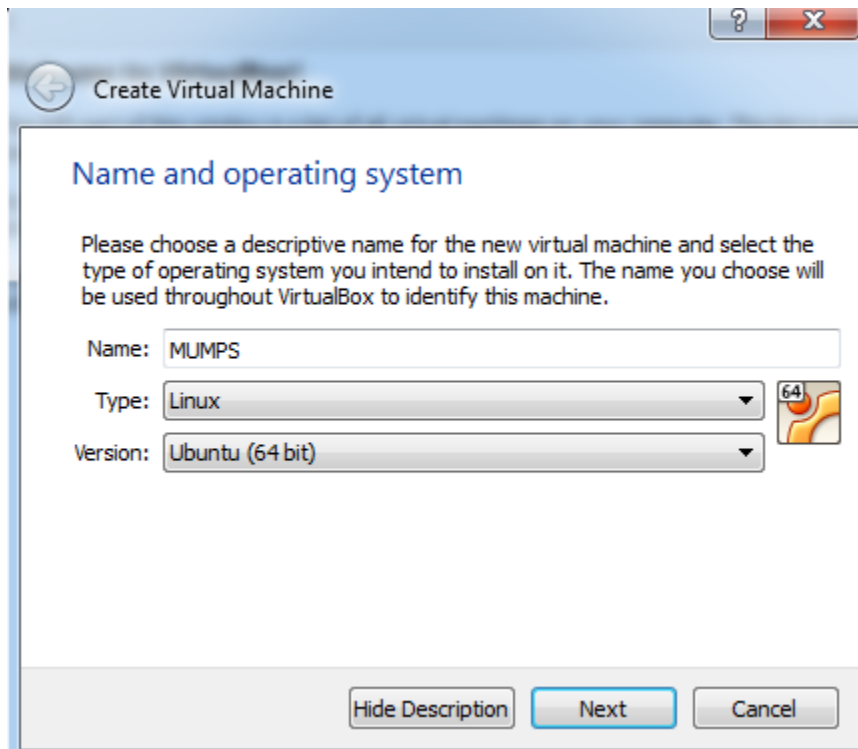
Active user account(s) (username/password): ubuntu/reverse

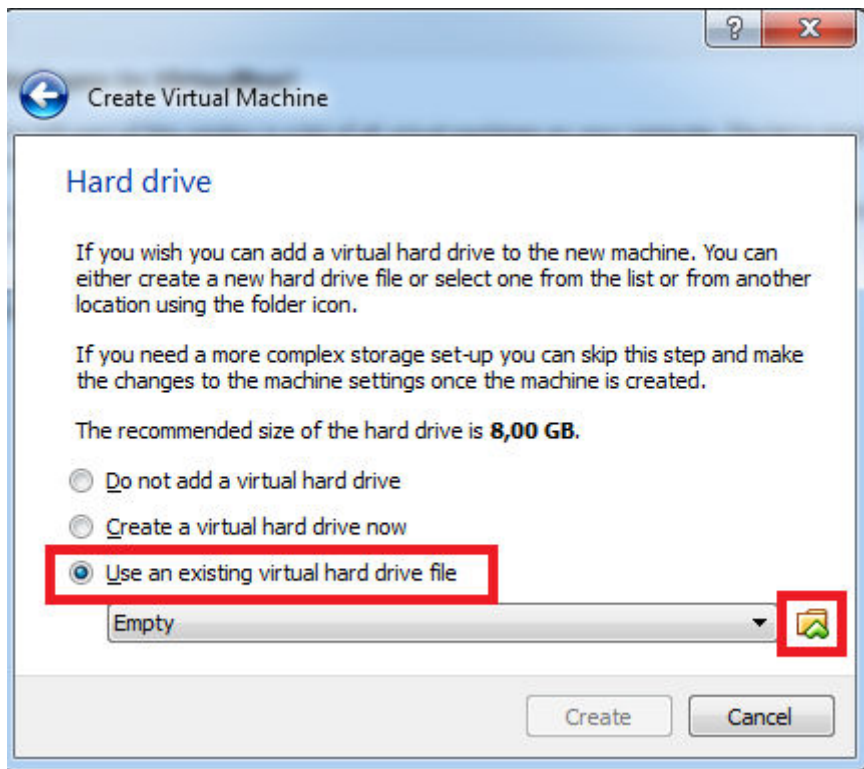
MD5: d1115a72fb85872f26b526f0dca990b7

Notes: Guest Additions installed

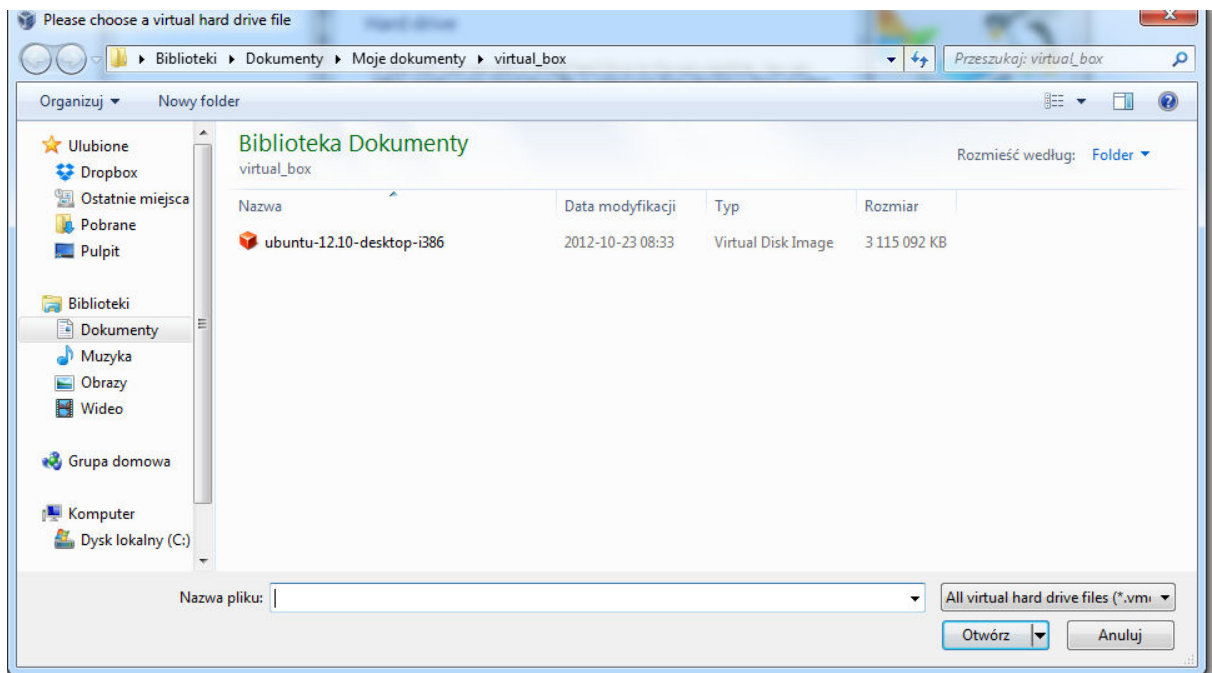
Download and unzip

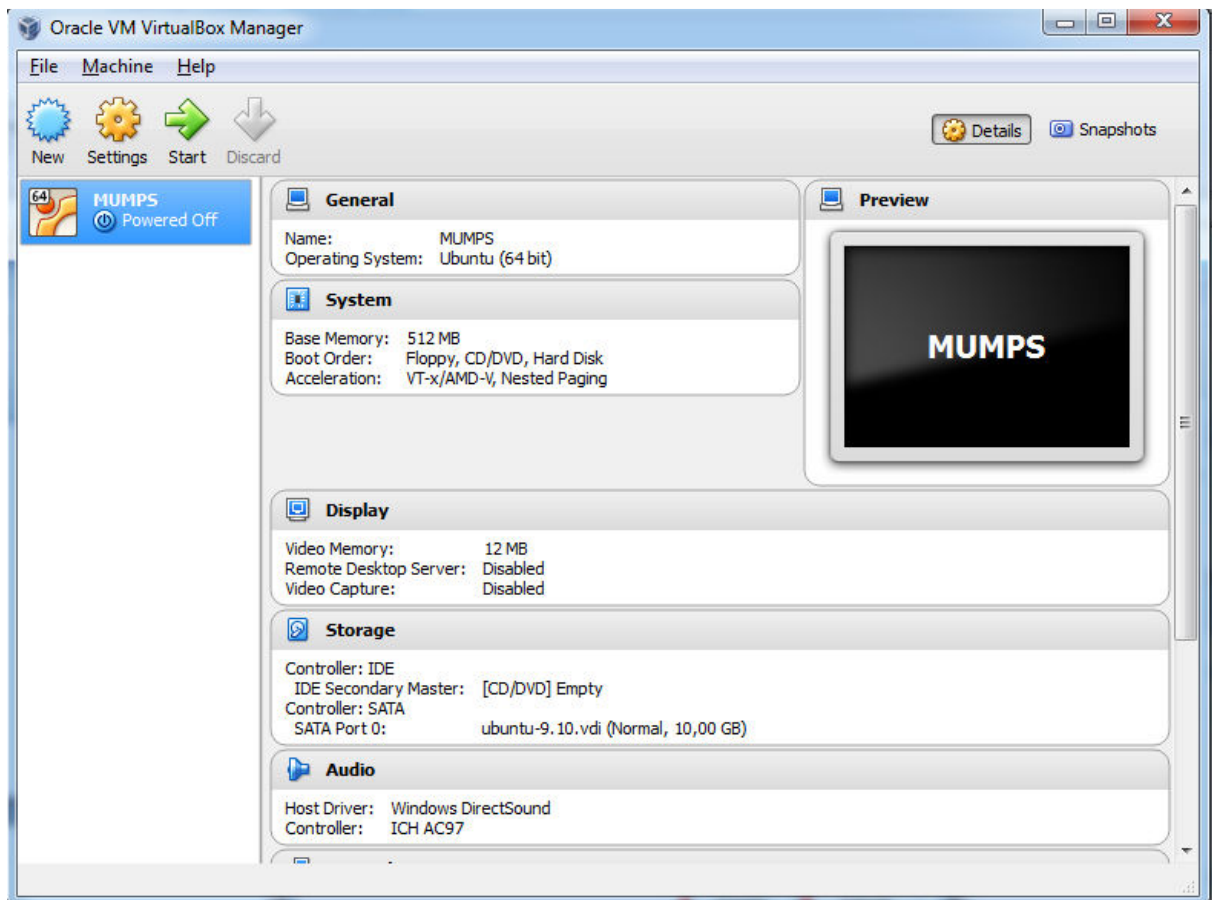
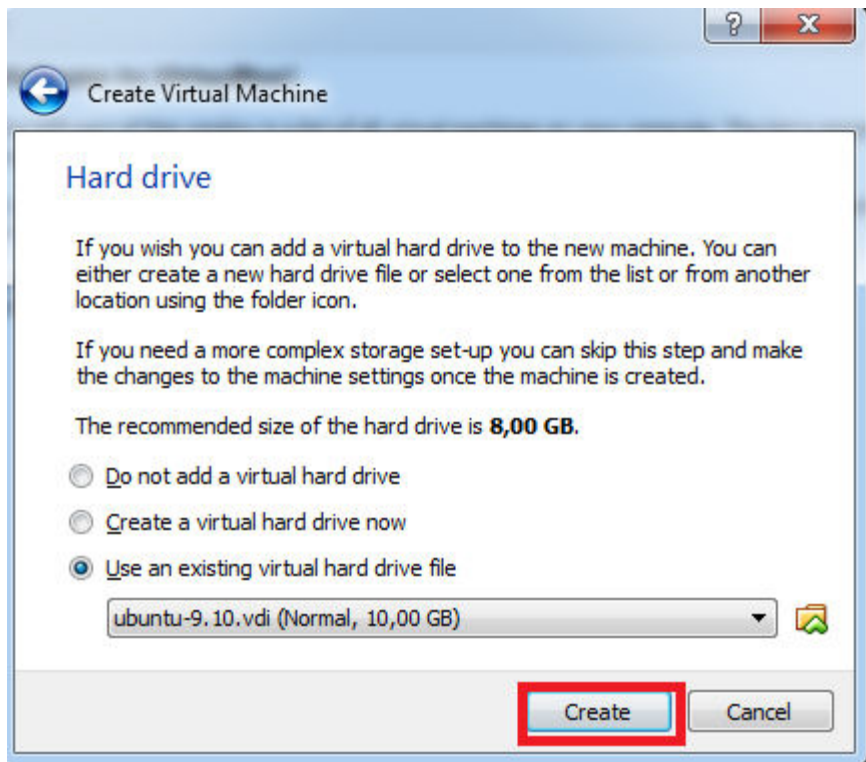




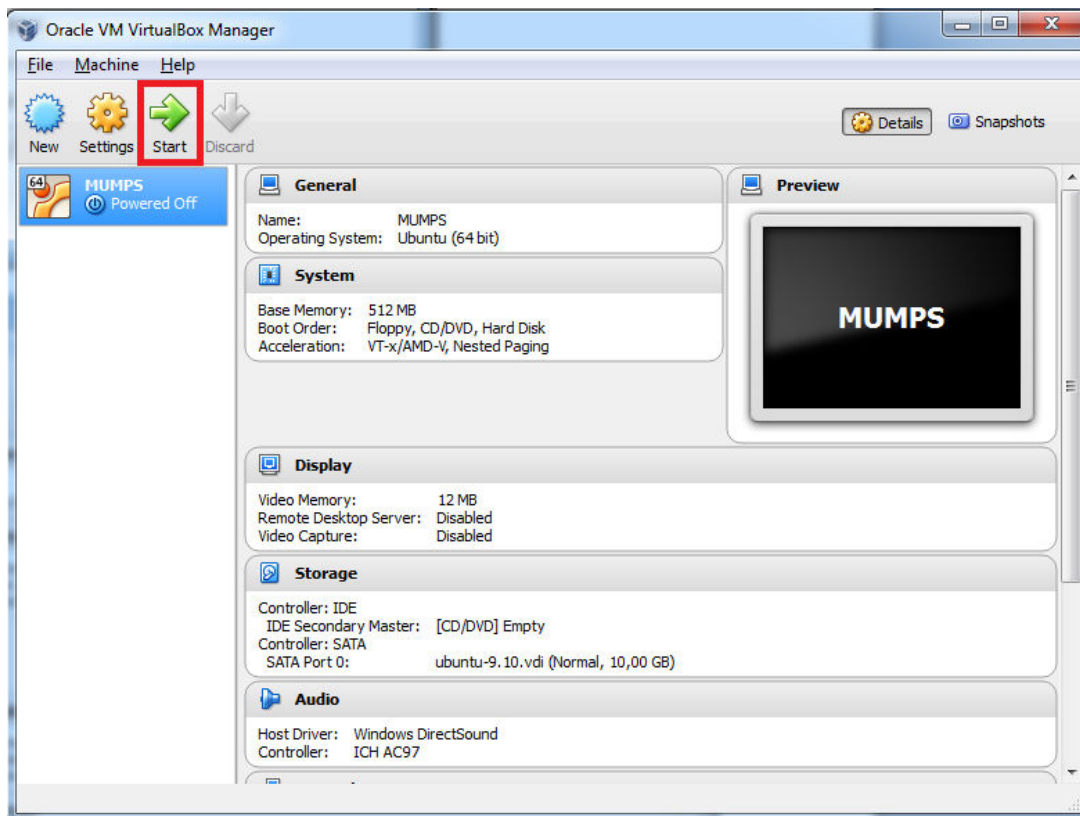


Select the downloaded virtual hard drive file





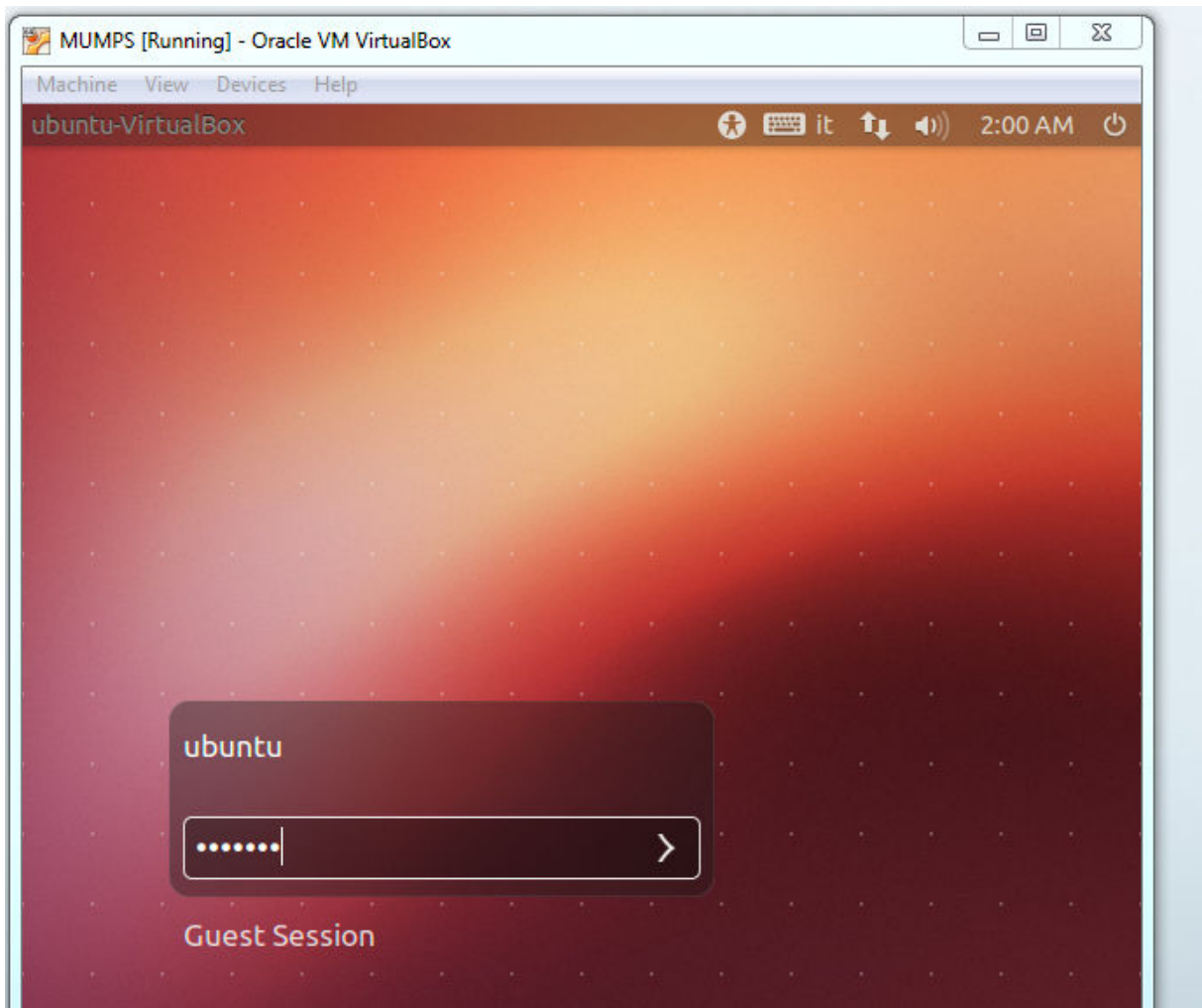
You can run the virtual machine now



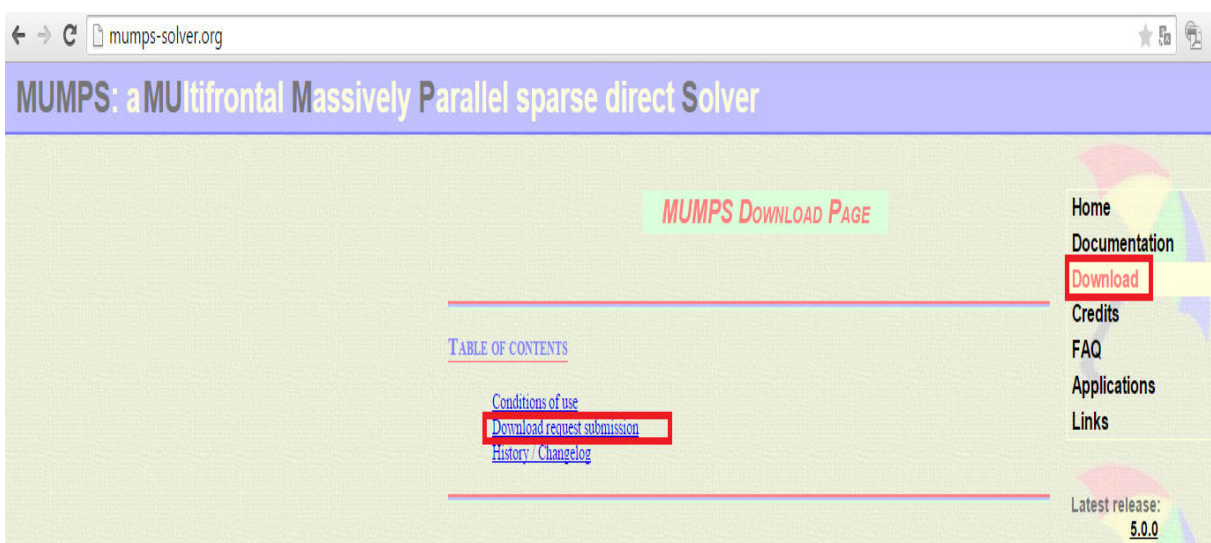
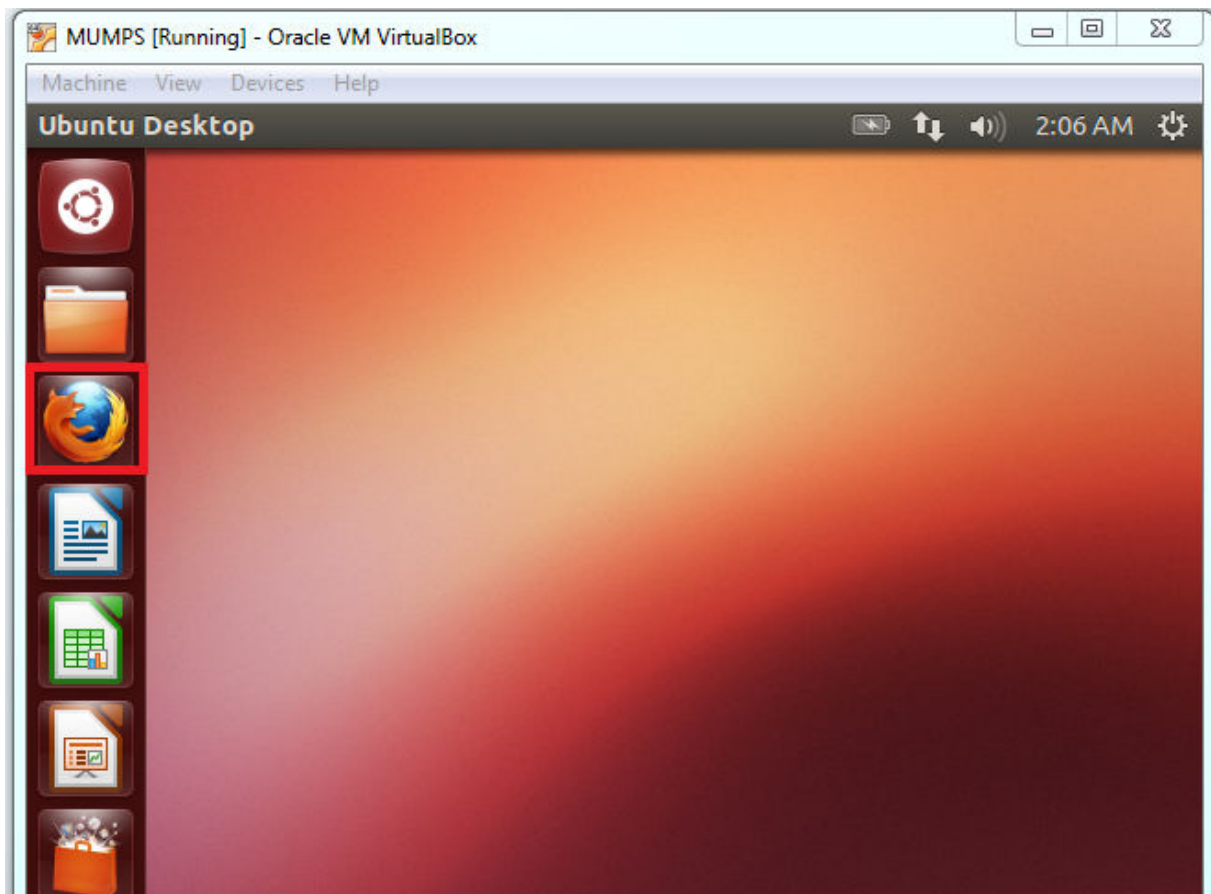
Login as

Ubuntu

password: reverse



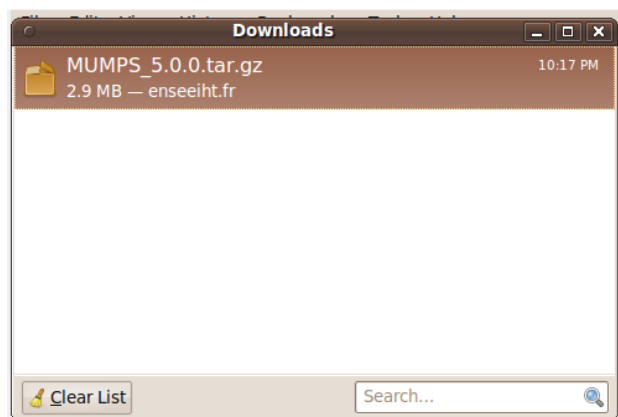
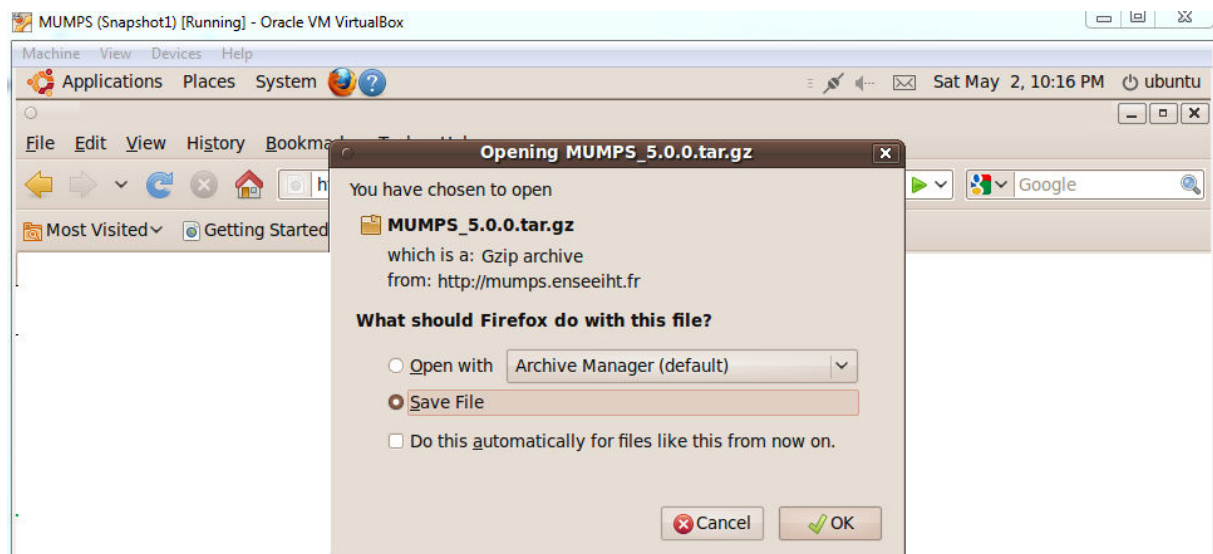
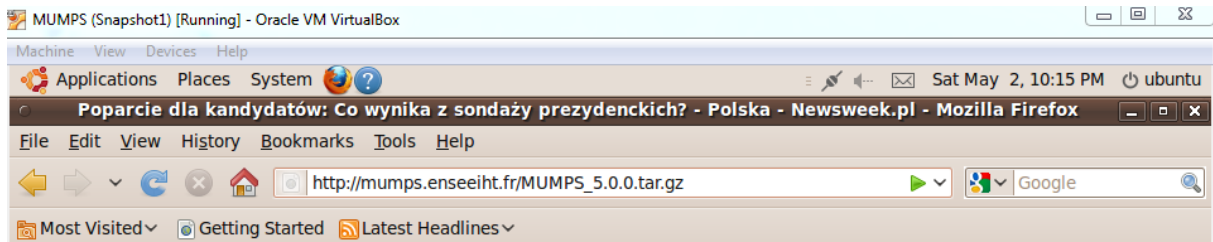
You need to fill the MUMPS Download request

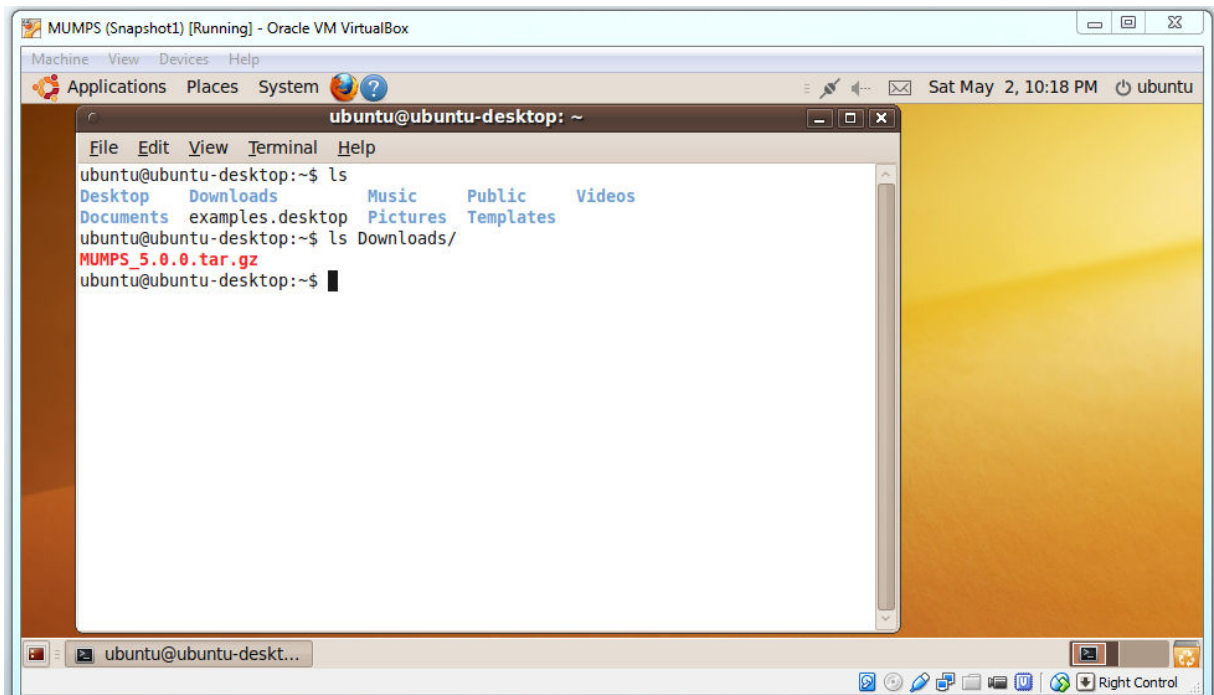
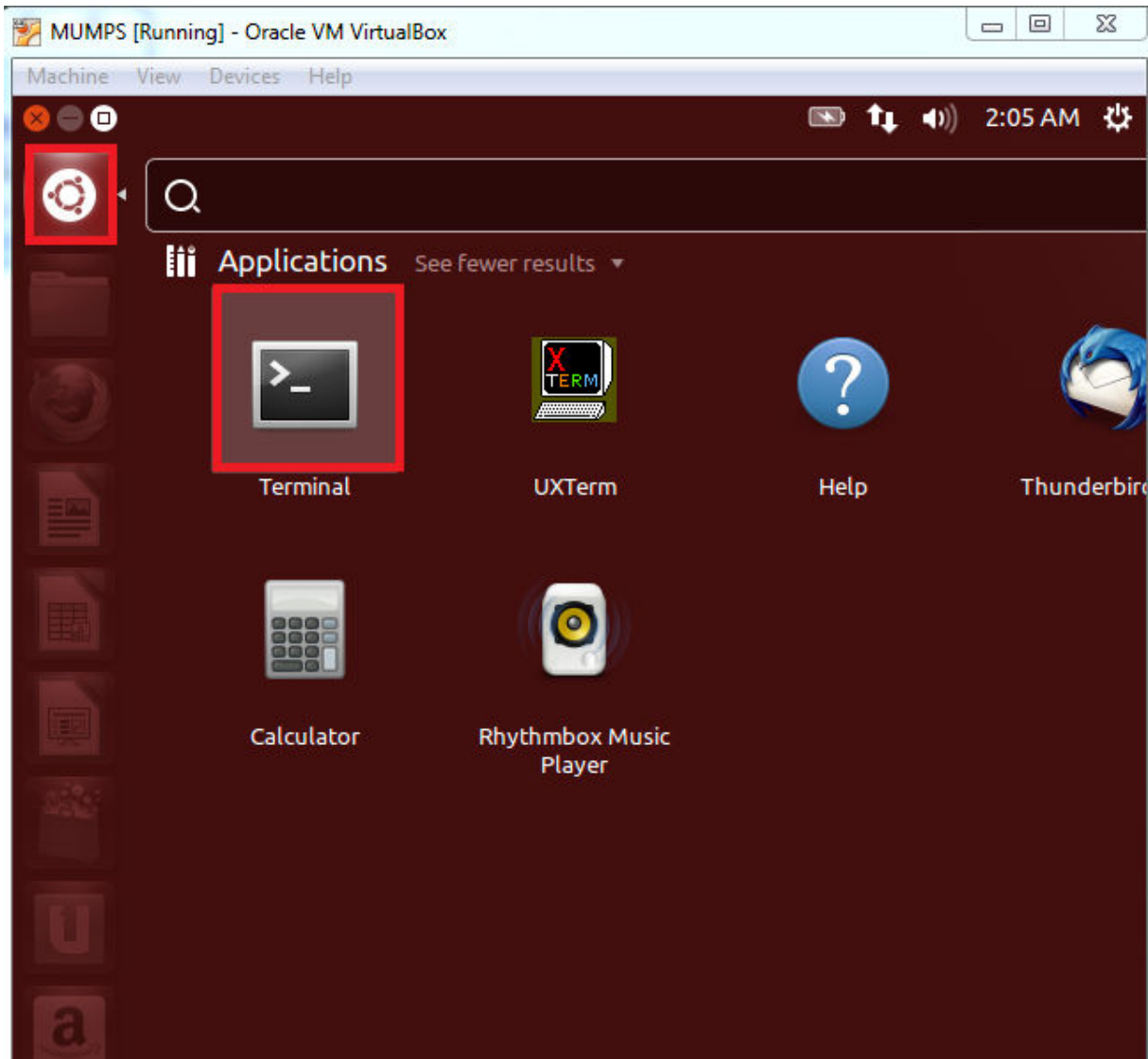


After you fill the download request they will send the link to MUMPS:

http://mumps.enseeiht.fr/MUMPS_5.0.0.tar.gz

We need to download it into the virtual machine using FireFox






```

ubuntu@ubuntu-desktop:~$ ls
Desktop  Downloads  Music  Public  Videos
Documents examples.desktop Pictures Templates
ubuntu@ubuntu-desktop:~$ ls Downloads/
MUMPS_5.0.0.tar.gz
ubuntu@ubuntu-desktop:~$ mkdir libraries

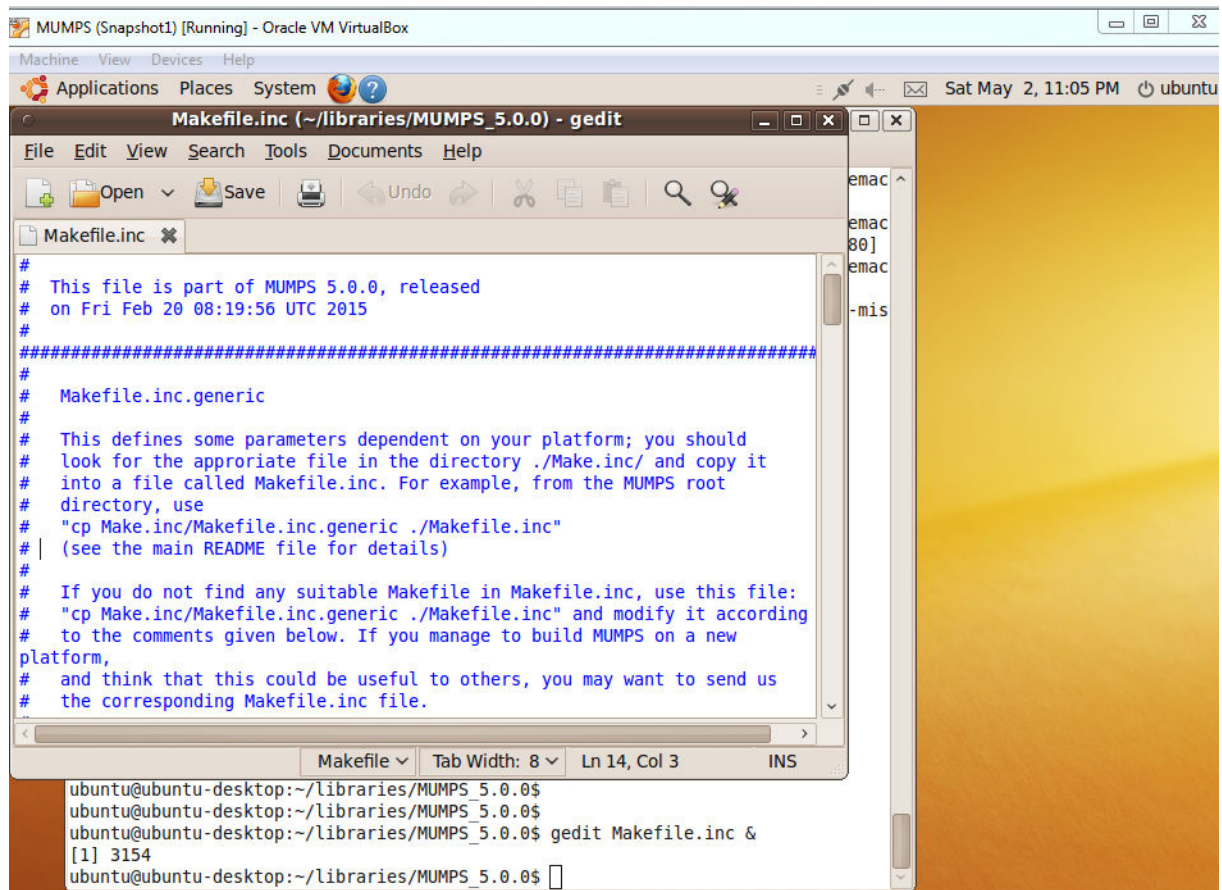
ubuntu@ubuntu-desktop:~$ cd libraries/
ubuntu@ubuntu-desktop:~/libraries$ cp ../Downloads/MUMPS_5.0.0.tar.gz .
ubuntu@ubuntu-desktop:~/libraries$ gunzip MUMPS_5.0.0.tar.gz
ubuntu@ubuntu-desktop:~/libraries$ ls
MUMPS_5.0.0.tar
ubuntu@ubuntu-desktop:~/libraries$ tar -x -f MUMPS_5.0.0.tar

ubuntu@ubuntu-desktop:~/libraries$ ls
MUMPS_5.0.0  MUMPS_5.0.0.tar
ubuntu@ubuntu-desktop:~/libraries$ cd MUMPS_5.0.0/
ubuntu@ubuntu-desktop:~/libraries/MUMPS_5.0.0$ ls
ChangeLog  examples  lib  Makefile  PORD  src
CREDITS    include  libseq  Make.inc  README  VERSION
doc        INSTALL  LICENSE  MATLAB  SCILAB

ubuntu@ubuntu-desktop:~/libraries/MUMPS_5.0.0$ make d
Makefile:37: Makefile.inc: No such file or directory
#####
# BEFORE COMPILING MUMPS, YOU SHOULD HAVE AN APPROPRIATE FILE
# Makefile.inc AVAILAIBLE. PLEASE LOOK IN THE DIRECTORY ./Make.inc FOR
# EXAMPLES OF Makefile.inc FILES, AT Make.inc/Makefile.inc.generic
# IN CASE YOU NEED TO BUILD A NEW ONE AND READ THE MAIN README FILE
#####
make: *** [Makefile.inc] Error 1

ubuntu@ubuntu-desktop:~/libraries/MUMPS_5.0.0$ ls Make.inc
Makefile.debian.PAR      Makefile.INTEL.PAR  Makefile.SP.PAR
Makefile.debian.SEQ     Makefile.INTEL.SEQ  Makefile.SP.SEQ
Makefile.FREEBSD10.PAR  Makefile.NEC.PAR    Makefile.SUN.PAR
Makefile.FREEBSD10.SEQ  Makefile.NEC.SEQ    Makefile.SUN.SEQ
Makefile.G95.PAR        Makefile.SGI.PAR    Makefile.WIN.MS-G95.SEQ
Makefile.G95.SEQ        Makefile.SGI.SEQ    Makefile.WIN.MS-Intel.SEQ
Makefile.inc.generic    Makefile.SP64.PAR
Makefile.inc.generic.SEQ Makefile.SP64.SEQ

```



We need to install gfortran

sudo-apt get update

sudo-apt install gfortran

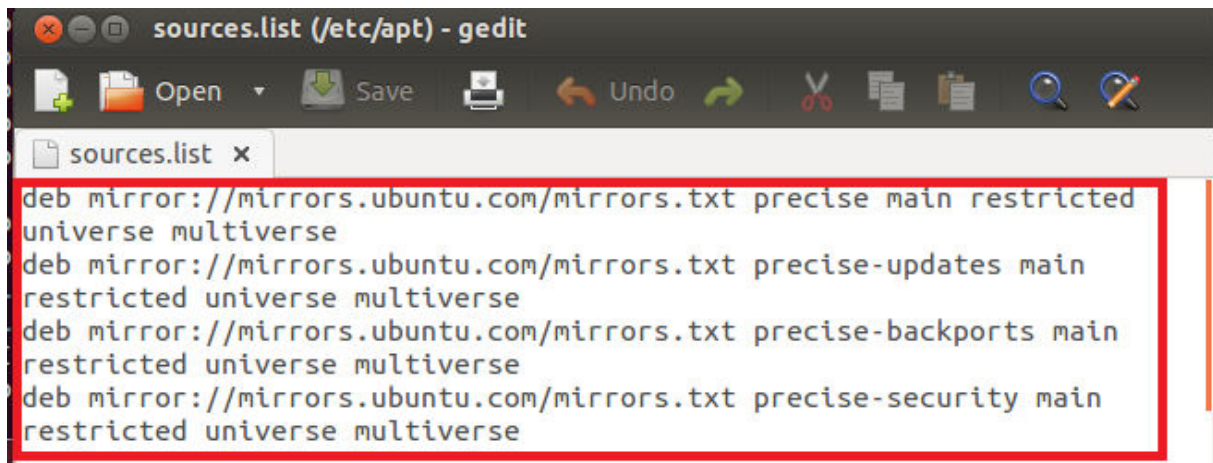
In case of problems with downloading packages, you may need to update

sudo su

(password reverse)

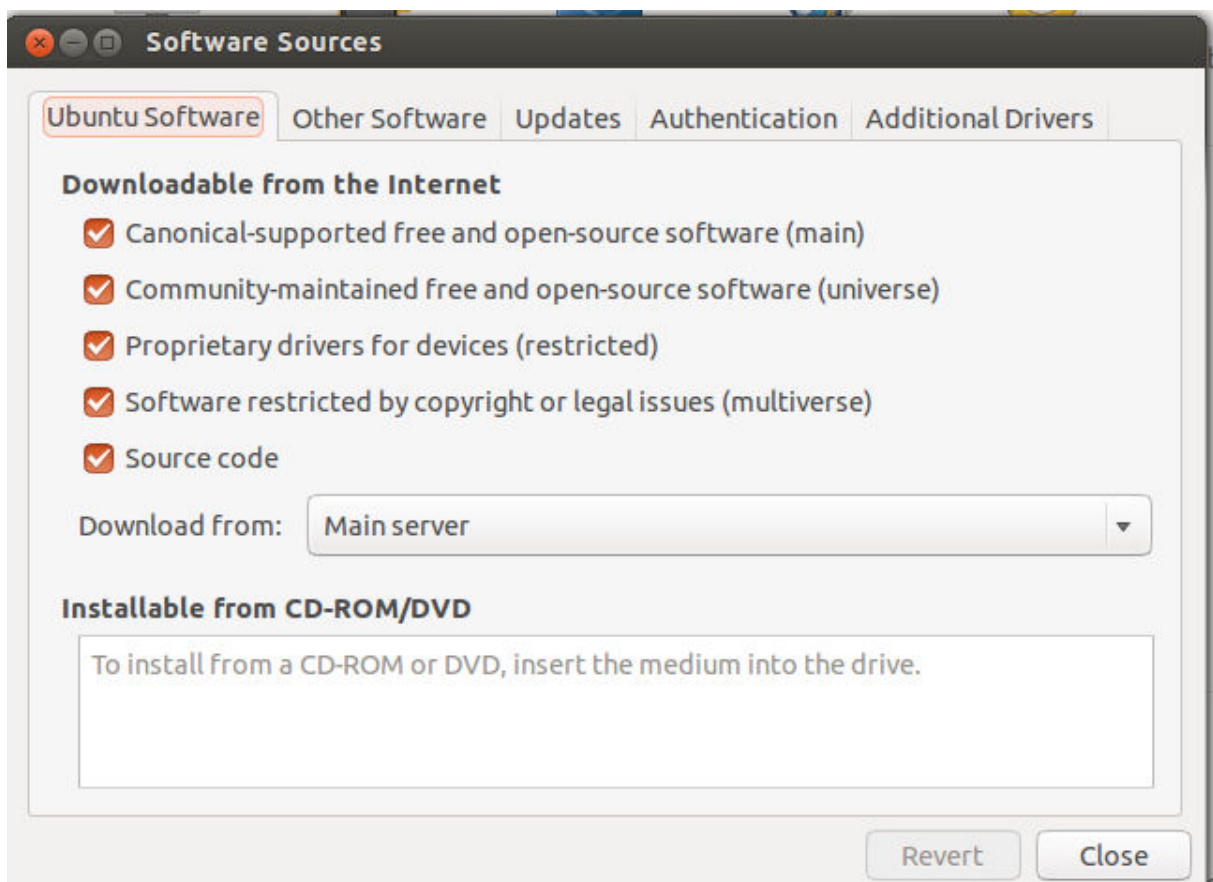
gedit /etc/apt/sources.list

And add at the beginning



```
sources.list (/etc/apt) - gedit
sources.list x
deb mirror://mirrors.ubuntu.com/mirrors.txt precise main restricted
universe multiverse
deb mirror://mirrors.ubuntu.com/mirrors.txt precise-updates main
restricted universe multiverse
deb mirror://mirrors.ubuntu.com/mirrors.txt precise-backports main
restricted universe multiverse
deb mirror://mirrors.ubuntu.com/mirrors.txt precise-security main
restricted universe multiverse
```

set mirros to main server (Utilities → Software Sorces)



then repeat

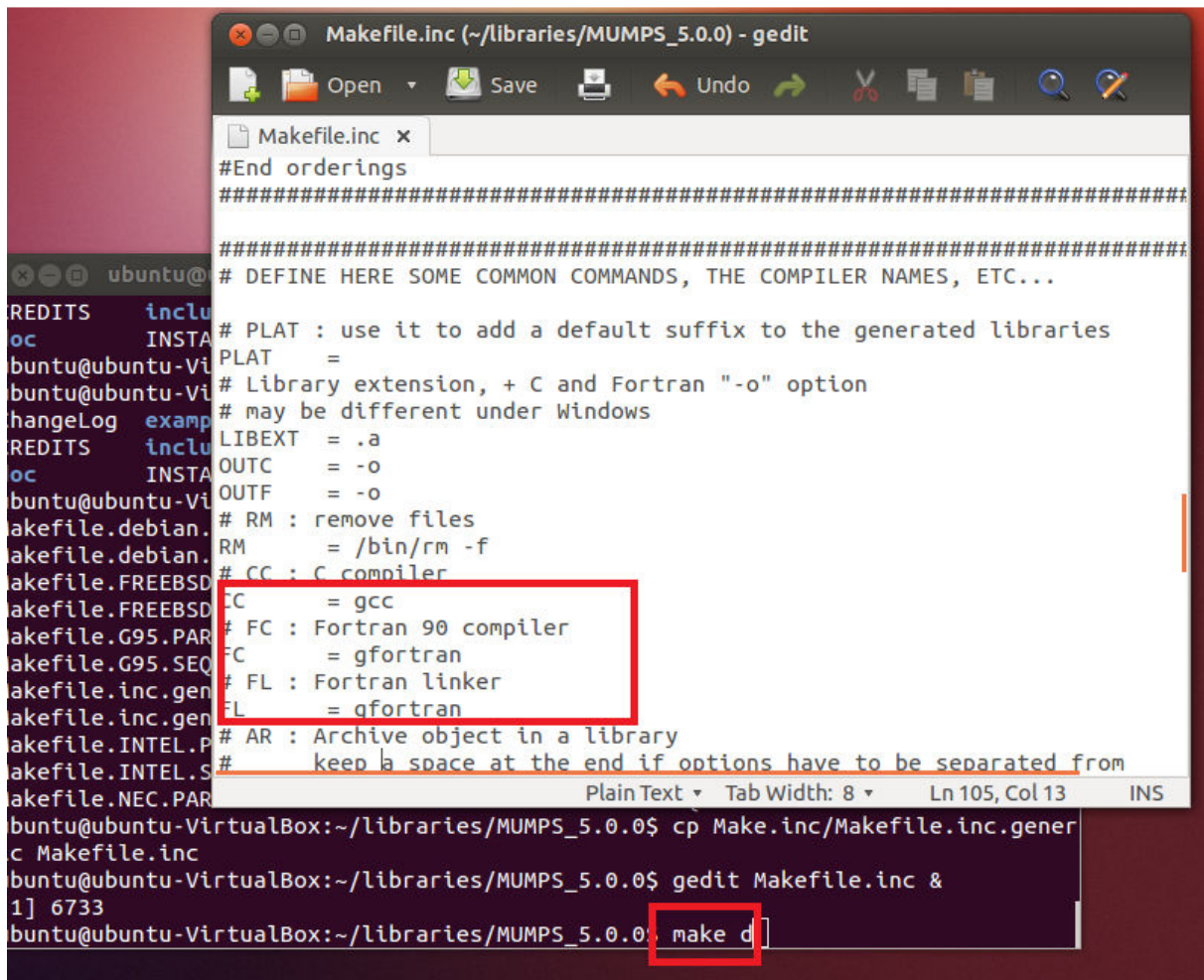
sudo apt-get update

sudo apt-get install gfortran

cd ~/libraries/MUMPS_5.0.0

cp Make.inc/Makefile.inc.generic Makefile.inc

gedit Makefile.inc



```
Makefile.inc (~/libraries/MUMPS_5.0.0) - gedit
#End orderings
#####
#####
# DEFINE HERE SOME COMMON COMMANDS, THE COMPILER NAMES, ETC...
# PLAT : use it to add a default suffix to the generated libraries
PLAT =
# Library extension, + C and Fortran "-o" option
# may be different under Windows
LIBEXT = .a
OUTC = -o
OUTF = -o
# RM : remove files
RM = /bin/rm -f
# CC : C compiler
CC = gcc
# FC : Fortran 90 compiler
FC = gfortran
# FL : Fortran linker
FL = gfortran
# AR : Archive object in a library
# keep a space at the end if options have to be separated from
PlainText Tab Width: 8 Ln 105, Col 13 INS
buntu@ubuntu-VirtualBox:~/libraries/MUMPS_5.0.0$ cp Make.inc/Makefile.inc.generic
c Makefile.inc
buntu@ubuntu-VirtualBox:~/libraries/MUMPS_5.0.0$ gedit Makefile.inc &
1] 6733
buntu@ubuntu-VirtualBox:~/libraries/MUMPS_5.0.0$ make d ]
```



```
ubuntu@ubuntu-VirtualBox: ~/libraries/MUMPS_5.0.0
make[3]: *** [mumps_static_mapping.o] Error 1
make[3]: Leaving directory `/home/ubuntu/libraries/MUMPS_5.0.0/src'
make[2]: *** [d] Error 2
make[2]: Leaving directory `/home/ubuntu/libraries/MUMPS_5.0.0/src'
make[1]: *** [mumps_lib] Error 2
make[1]: Leaving directory `/home/ubuntu/libraries/MUMPS_5.0.0'
make: *** [d] Error 2
ubuntu@ubuntu-VirtualBox:~/libraries/MUMPS_5.0.0$ ls
ChangeLog  examples  lib        Makefile   Make.inc  README  VERSION
CREDITS    include  libseq    Makefile.inc  MATLAB    SCILAB
doc        INSTALL  LICENSE  Makefile.inc~  PORD      src
ubuntu@ubuntu-VirtualBox:~/libraries/MUMPS_5.0.0$ ls lib
libpord.a
ubuntu@ubuntu-VirtualBox:~/libraries/MUMPS_5.0.0$ libseq
libseq: command not found
ubuntu@ubuntu-VirtualBox:~/libraries/MUMPS_5.0.0$ ls libseq
elapse.c  elapse.h  Makefile  mpic.c  mpi.f  mpif.h  mpi.h  README
ubuntu@ubuntu-VirtualBox:~/libraries/MUMPS_5.0.0$ make d
make ARITH=d mumps_lib
make[1]: Entering directory `/home/ubuntu/libraries/MUMPS_5.0.0'
(cd src ; make d)
make[2]: Entering directory `/home/ubuntu/libraries/MUMPS_5.0.0/src'
make ARITH=d mumps_lib
make[3]: Entering directory `/home/ubuntu/libraries/MUMPS_5.0.0/src'
gfortran -O -I/usr/include -Dpord -I. -I../include -c mumps_static_mapping.F -o
mumps_static_mapping.o
mumps_static_mapping.F:4130: Error: Can't open included file 'mpif.h'
make[3]: *** [mumps_static_mapping.o] Error 1
make[3]: Leaving directory `/home/ubuntu/libraries/MUMPS_5.0.0/src'
make[2]: *** [d] Error 2
make[2]: Leaving directory `/home/ubuntu/libraries/MUMPS_5.0.0/src'
make[1]: *** [mumps_lib] Error 2
make[1]: Leaving directory `/home/ubuntu/libraries/MUMPS_5.0.0'
make: *** [d] Error 2
ubuntu@ubuntu-VirtualBox:~/libraries/MUMPS_5.0.0$
```

```
Makefile.inc x
# FORTRAN/C COMPATIBILITY:
# Use:
#   -DAdd_ if your Fortran compiler adds an underscore at the end
#           of symbols,
#   -DAdd__ if your Fortran compiler adds 2 underscores,
#
#   -DUPPER if your Fortran compiler uses uppercase symbols
#
#   leave empty if your Fortran compiler does not change the symbols.
#

CDEFS = -DAdd_

#COMPILER OPTIONS
OPTF   = -O
OPTC   = -O -I.
OPTL   = -O

# CHOOSE BETWEEN USING THE SEQUENTIAL OR THE PARALLEL VERSION.

#Sequential:
INCS = $(INCSEQ)
LIBS = $(LIBSEQ)
LIBSEQNEEDED = libseqneeded

#Parallel:
#INCS = $(INCPAR)
#LIBS = $(LIBPAR)
#LIBSEQNEEDED =

Saving file '/home/ubuntu/librari... Plain Text ▾ Tab Width: 8 ▾ Ln 157, Col 1 INS
```

make d


```
ubuntu@ubuntu-VirtualBox: ~/libraries/MUMPS_5.0.0
a - dfac_scalings.o
a - dfac_determinant.o
a - dfac_scalings_simScaleAbs.o
a - dfac_scalings_simScale_util.o
a - dfac_sol_pool.o
a - dfac_type3_symmetrize.o
a - dini_defaults.o
a - dmumps_c.o
a - dmumps_driver.o
a - dmumps_f77.o
a - dmumps_iXamax.o
a - dana_mtrans.o
a - dooc_panel_piv.o
a - drank_revealing.o
a - dsol_aux.o
a - dsol_bwd_aux.o
a - dsol_bwd.o
a - dsol_c.o
a - dsol_fwd_aux.o
a - dsol_fwd.o
a - dsol_matvec.o
a - dsol_root_parallel.o
a - dtools.o
a - dtype3_root.o
a - dmumps_restart.o
ranlib ../lib/libdmumps.a
make[3]: Leaving directory `/home/ubuntu/libraries/MUMPS_5.0.0/src'
make[2]: Leaving directory `/home/ubuntu/libraries/MUMPS_5.0.0/src'
make[1]: Leaving directory `/home/ubuntu/libraries/MUMPS_5.0.0'
ubuntu@ubuntu-VirtualBox:~/libraries/MUMPS_5.0.0$ ls lib
libdmumps.a libmumps_common.a libpord.a
ubuntu@ubuntu-VirtualBox:~/libraries/MUMPS_5.0.0$ ls libseq
elapse.c elapse.o      Makefile mpic.o mpif.h mpi.o
elapse.h libmpiseq.a mpic.c  mpi.f  mpi.h  README
ubuntu@ubuntu-VirtualBox:~/libraries/MUMPS_5.0.0$
```