

0.1 – Install Linux within VirtualBox

Creating shared folder between guest and host

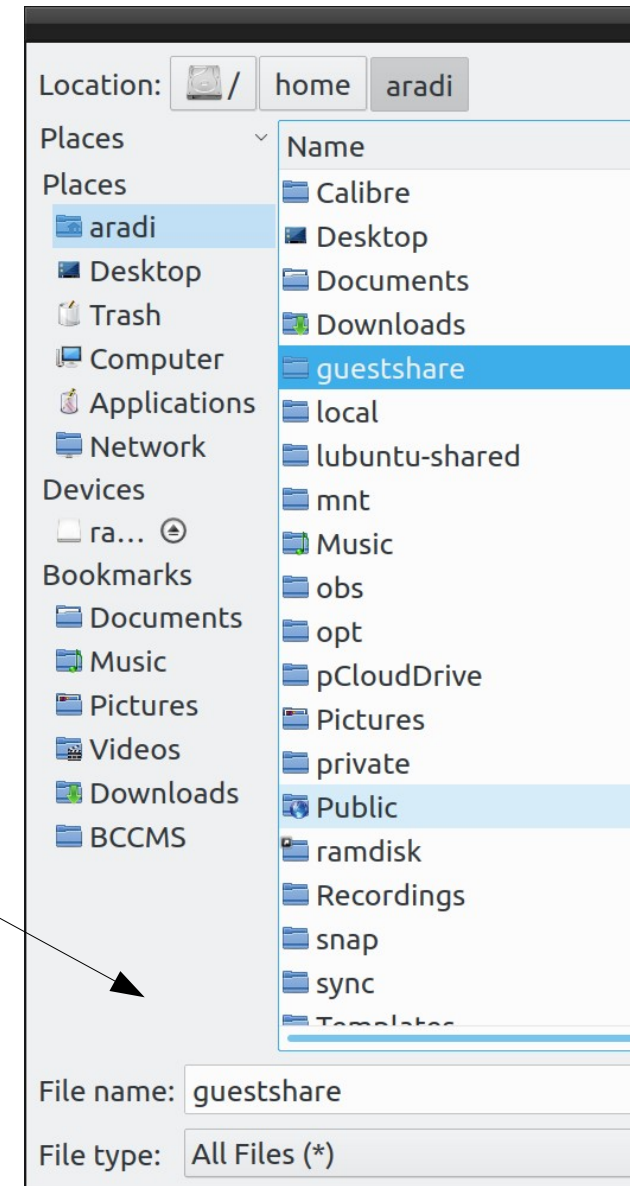
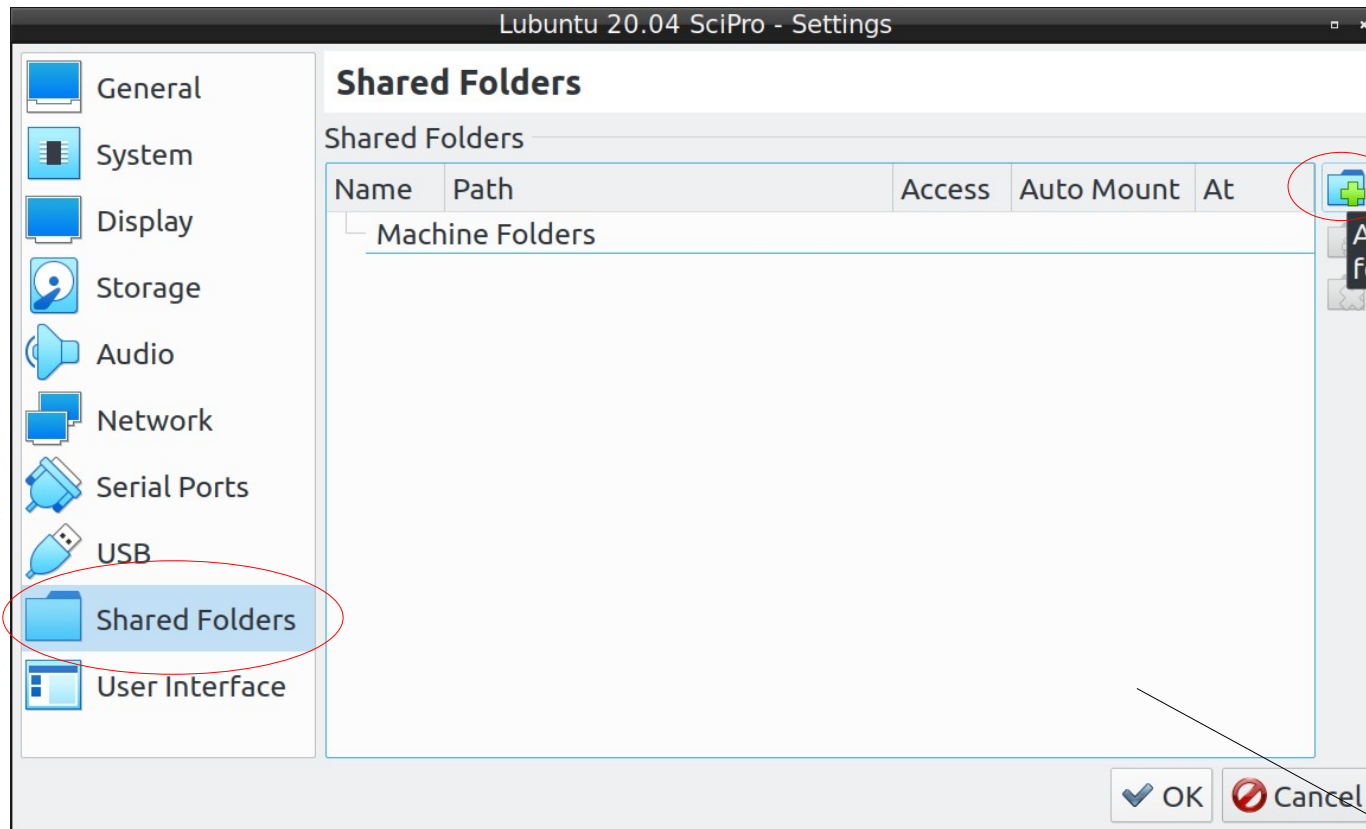
Bálint Aradi

Course: Scientific Programming / Wissenschaftliches Programmieren (Python)



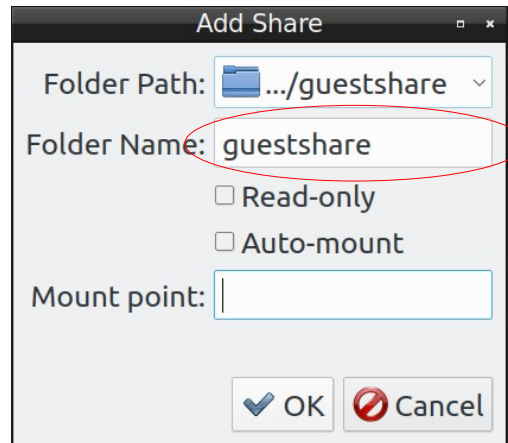
Sharing folder between host and guest

- Invoke Settings / Shared Folder for your virtual machine
- Select an existing folder on the host, which should be shared



Sharing folder between host and guest

- Choose the name used to identify the folder in the guest system



- Leave all other options empty and start the guest system

In the guest system (Lubuntu)

- Find out user user and group id:

id

`uid=1000(aradi) gid=1001(aradi),...`

Sharing folder between host and guest

- Extend /etc/fstab (as root) with an entry for the VBox shared folder

sudo featherpad /etc/fstab

```
# ...
```

```
# <file system>          <mount point>  <type>  <options>  <dump>  <pass>
```

```
...
```

```
guestshare  /media/aradi/guestshare  vboxsf  gid=1001,uid=1000  0  2
```

File system
identifier ("Folder
name" as specified
in VBox)

Location where the
folder should be
mounted

File system
type

ID of owner
and group

Whether to
dump

Order when checking
file systems

- Reboot guest. Folder should be mounted and read/writeable by the user/group with the specified user/group id