Qemu Stuff

Qemu is a machine emulator (i.e. virtual machine), similar to VirtualBox and VMWare.

Notes

- change tty in the guest os running on qemu with ALT + left or right arrows
  - older qemu need to switch view to compatmonitor , then type `sendkey ctrl-alt-f2`

Virtual Disks

To create 15G disk image:

```
qemu-img create -f qcow2 disk.qcow2 15G
```

To convert from VBox disk image:

```
qemu-img convert -f vdi -O qcow2 disk.vdi disk.qcow2
```

Other Stuff

just dumping this here for now...

```
qemu-system-i386 -m 1536 -boot order=c,once=d -hda WinXP.qcow2 -cdrom
winxp.iso

qemu-system-i386 -m 1536 -boot order=c -hda WinXP.qcow2

press ctrl+alt+2 to get monitor console
- type 'info block' to get block device information
- to change cd drive, type 'change <device> <file>'
or, use -monitor switch

qemu-system-i386 -monitor stdio -enable-kvm -m 1536M WinXP.qcow2

to get pure vga (640x480) old games on windows xp?
-vga cirrus

default is
# -net nic -net user
nic: enables network card
user: sets up virtual subnet (dhcp: 10.0.2.15{guest} 10.0.2.2{host})
```

```
# -net nic -net user,hostname=my1VM
# -name "MY1 VM"

# -redir tcp:2222::22

qemu-system-i386 -soundhw help

qemu-system-i386 -soundhw sb16
qemu-system-i386 -soundhw all

3d graphics

-vga virtio -display sdl,gl=on
-vga virtio -display gtk,gl=on

qemu-img create -f qcow2 Slack.img 20G

qemu-system-i386 -m 1536 -boot order=c,once=d -hda Slack.img -cdrom
slackware-14.1-install.iso

qemu-img convert -f qcow2 -O raw image.qcow2 image.img
qemu-img convert -f raw -O qcow2 image.img image.qcow2

qemu-img convert -O qcow2 image.qcow2 image_small.qcow2
qemu-img convert -O qcow2 -c image.qcow2 image_smaller.qcow2
```

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