1. Install Linux 12.02 LTS

2. Download QEMU 1.7.0

http://wiki.qemu.org/Download

3. Install additional libs

sudo apt-get build-dep qemu

sudo apt-get install flex

sudo apt-get install bison

sudo apt-get install dh-autoreconf

4. Configure target platform

./configure --target-list="x86\_64-softmmu"

5. Compile QEMU

make -j[num of processors]

E.g. “make -j4” for i7

6. Download linux 12.04.2 iso

<http://old-releases.ubuntu.com/releases/12.04.1/ubuntu-12.04.2-desktop-amd64.iso>

7. Create disk image

../qemu-1.7.0/qemu-img create -f qcow2 ubantu-12.04.2.img 20G

8. Install guest OS

../qemu-1.7.0/x86\_64-softmmu/qemu-system-x86\_64 -m 2048 -net nic,model=e1000 -net user -boot d -enable-kvm -cdrom ../ubuntu-12.04.2-desktop-amd64.iso ubantu-12.04.2.img

9. Start guest os

../qemu-1.7.0/x86\_64-softmmu/qemu-system-x86\_64 -m 2048 -net nic,model=e1000 -net user -enable-kvm ubantu-12.04.2.img

sudo apt-get install build-essential  
sudo apt-get install subversion  
sudo apt-get install git  
sudo apt-get install gettext  
sudo apt-get install liblua5.1-dev  
sudo apt-get install libsdl1.2-dev  
sudo apt-get install libsigc++-2.0-dev  
sudo apt-get install binutils-dev  
sudo apt-get install python-docutils  
sudo apt-get install python-pygments  
sudo apt-get install nasm

sudo apt-get build-dep llvm-3.0  
sudo apt-get build-dep qemu