kvm KVM Kernel-based Virtual MachineLinux Linux HypervisorKVM Intel VT AMD-V X86 Linux KVM Linux Linux CPU Linux KMV Linux KVM /dev/kvm I/O QEMU

 X86X86 Ring0, Ring1, Ring2, Ring3 Ring0Ring3Ring1,Ring2CPU3003X86 figure[!ht] Fig:virtualization$_p$rogressvirtu

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