

VM₀ (or Dom0)

System Services

Device Emulation
(QEMU)

Dom0 Kernel

*Back Driver

Device Driver

VM₁ (DomU₁)

HVM mode only
no PV Drivers

Applications

Guest OS

Device Driver

VM₃ (DomU₃)

HVM with
PV Drivers

Applications

Guest OS

Device Driver

*Front Driver

Primarily disk &
network

Scheduler

MMU

Timers

Interrupts



I/O

Memory



CPUs



Host