BHyVe

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Goal

- Be part of the base system

- Be able to run unmodified CURRENT, STABLE, and older.

  - .. install from CD

- ... and run non-FreeBSD guests e.g. RHEL

- .... and be extensible

proj/bhyve

- Not in CURRENT

- Would like to merge, but:

  - binutils issue (PS - fixed)

  - x2apic required

  - guest FPU save/restore

  - IPI-forced vCPU preemption

Server targetted

- Designed for logical partitioning

  - Boot-time carve, process chaining

- But, need to target desktop users

  - Video/keyboard/ATA/CDROM

  - Single process operation

  - Dynamic mem claim/release

Where should it go ?

- What does the community want to see ?
  - Discuss :)