Old idea from the 70s

IBM VM/370 – A VMM for IBM mainframe

- Multiplex multiple OS environments on expensive hardware
- Desirable when few machines around

Interest died out in the 80s and 90s

- Hardware got cheap
- The era of the personal computer (Windows)

➡ Revived by the Disco work
led by *Mendel Rosenblum*, later lead to the foundation of *VMware*

➡ Another important work *Xen*

VMMs today

VMs are used everywhere

- Popularized by cloud computing

- Used to solve different problems

VMMs are a hot topic in industry and academia

- Industry commitment
  Software : *VMware, Xen, VirtualBox, ...*
  Hardware : *Intel VT, AMD-V*

- Academia - lots of related projects and papers