Program	Program	
File system	File system	
Guest OS	Guest OS	
Kernel	Kernel	
Hypervisor (VM Manager)		
Host OS		
Host Kernel		
Hardware		
	File system Guest OS Kernel visor (VM Mai Host OS Host Kernel	

Program	Program	Program
File system	File system	
Host OS	Host OS	
Docker Engine		
Host OS		
Host Kernel		
Hardware		

Virtual Machine

Docker (under Linux)

Mac & Windows

- Docker "really" only runs under Linux
- On Mac & Windows tiny linux layer run as VM
- No CPU performance impact
- Sometimes disk I/O impact

 Issues with permissions means it actually works better on a mac than linux