

# Docker

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Julian Tiemann

Universität Hamburg

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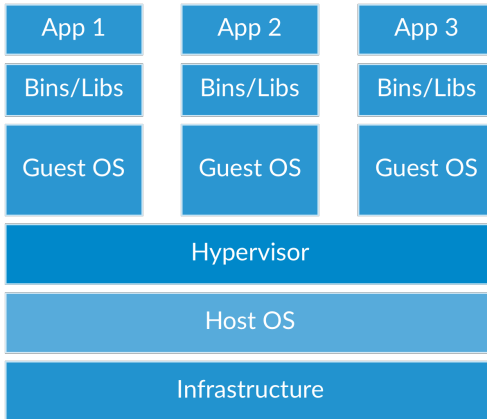
# Einleitung

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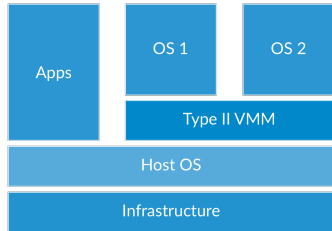
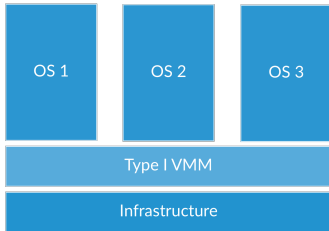
# Virtuelle Maschinen

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# Virtual Machine



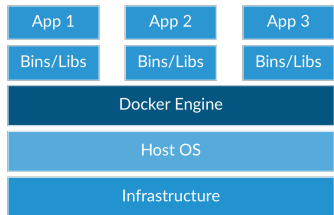
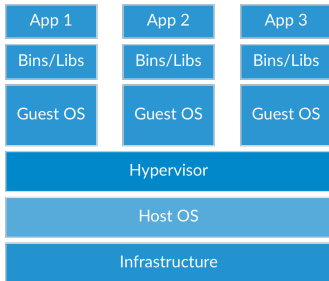
# Hypervisors



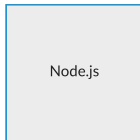
# Container

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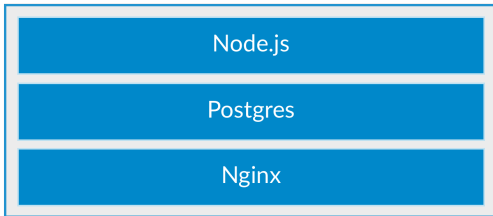
# Container vs VM



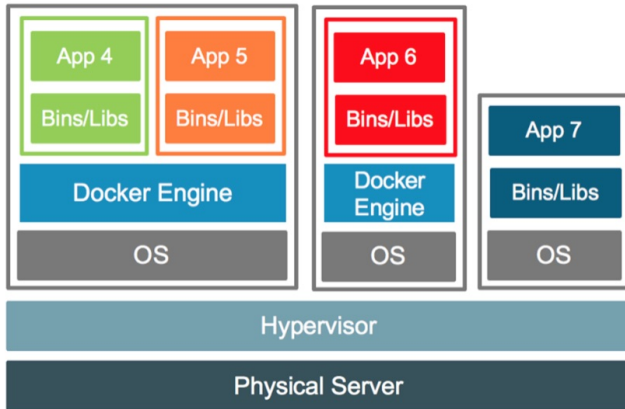




# Application Container



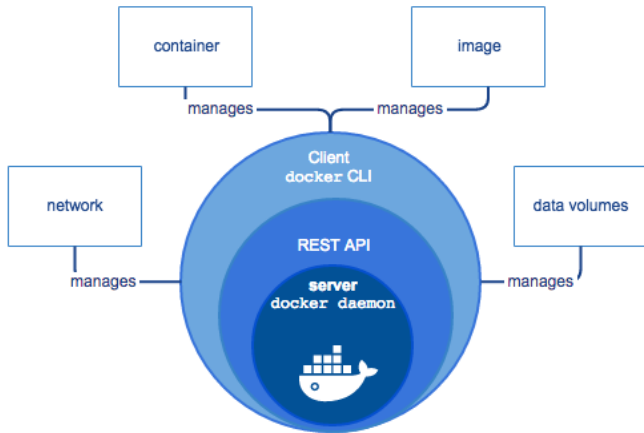
# Container und VMs kombiniert

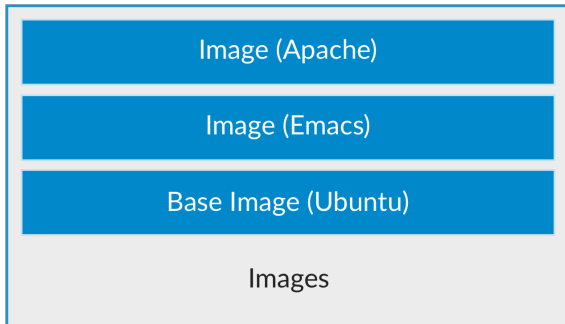


# Docker

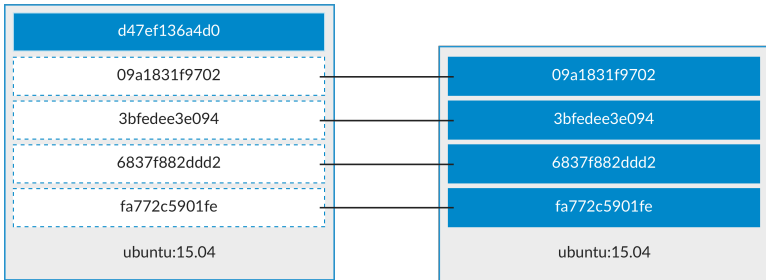
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# Docker Engine

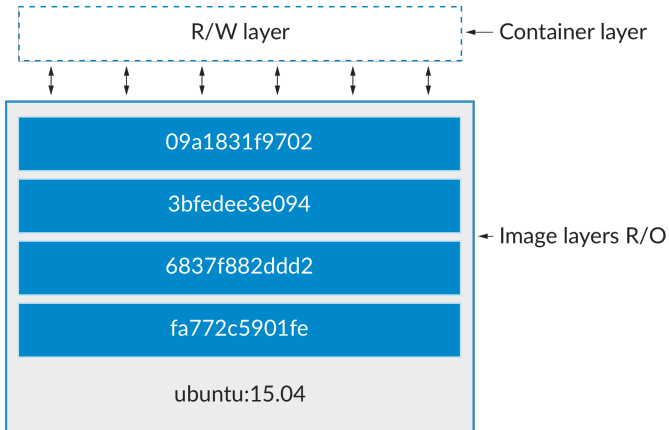




# Docker Image Layer Sharing

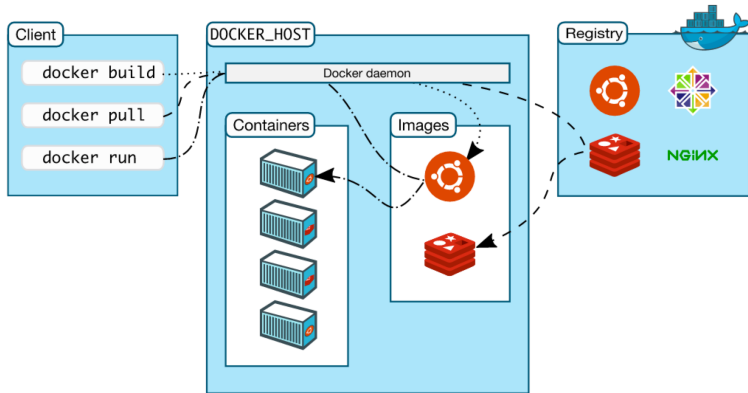


# Docker Container





# Docker Daemon

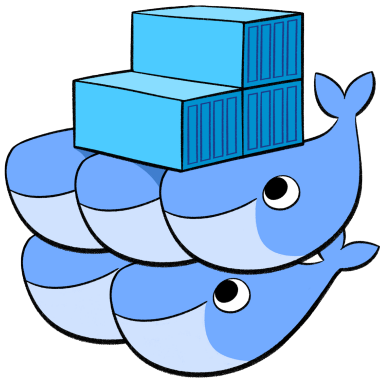


# Demo

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## Ausblick

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# References

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Jan. 2017. URL: <https://www.docker.com/>.

Mike Coleman. *Containers and VMs together*. URL: <https://blog.docker.com/2016/04/containers-and-vms-together/> (visited on 01/22/2017).

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Docker. *Understanding Images and Containers*. URL: <https://docs.docker.com/engine/userguide/storagedriver/imagesandcontainers/> (visited on 01/22/2017).

## References II

Akshay Karle. *Operating System Containers vs. Application Containers*. URL: <https://blog.risingstack.com/operating-system-containers-vs-application-containers/> (visited on 01/22/2017).

C. Pahl. “Containerization and the PaaS Cloud”. In: *IEEE Cloud Computing* 2.3 (May 2015), pp. 24–31. ISSN: 2325-6095. DOI: 10.1109/MCC.2015.51.

Wikipedia. *Hypervisor*. URL: <https://de.wikipedia.org/wiki/Hypervisor> (visited on 01/22/2017).