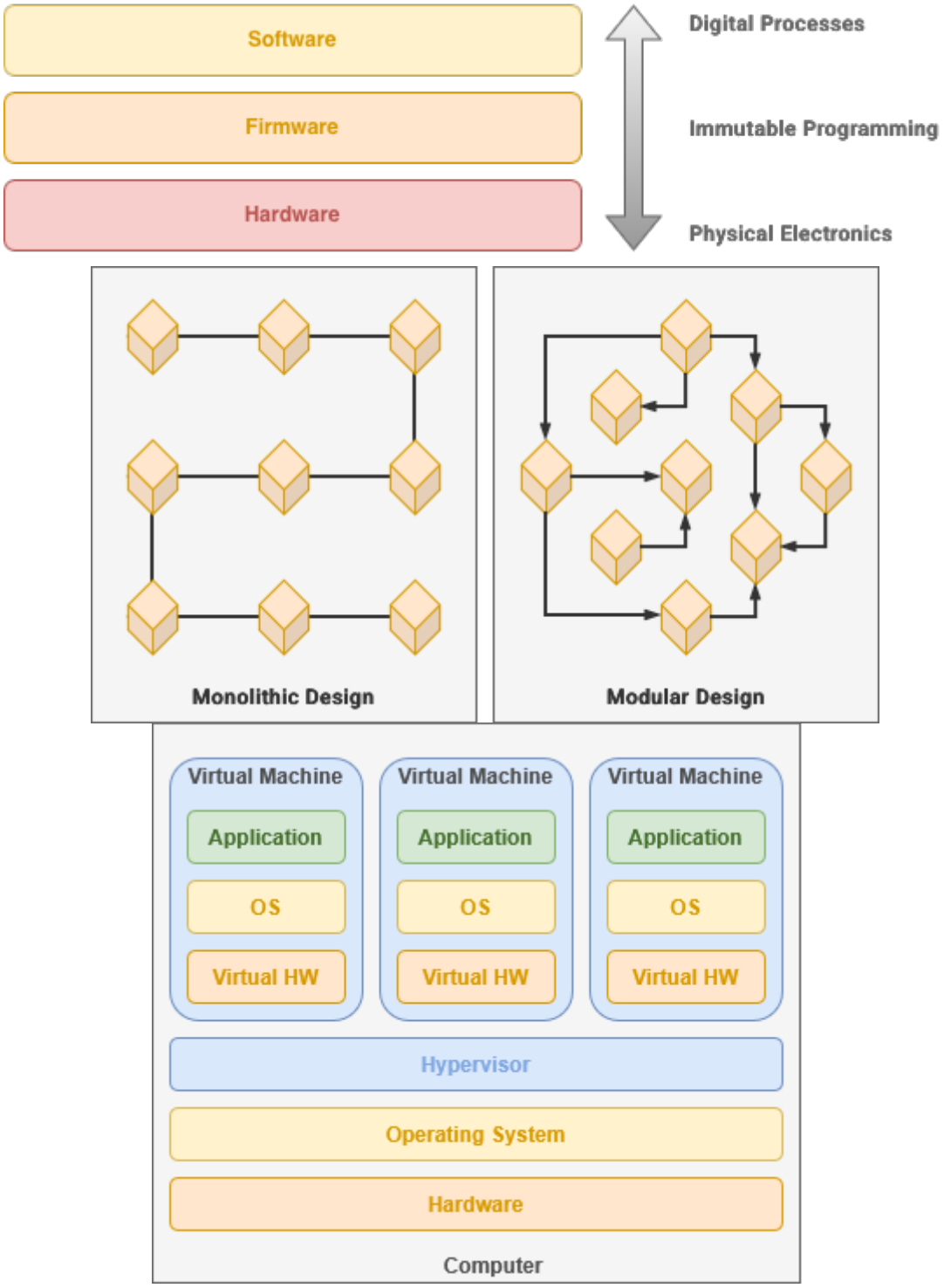
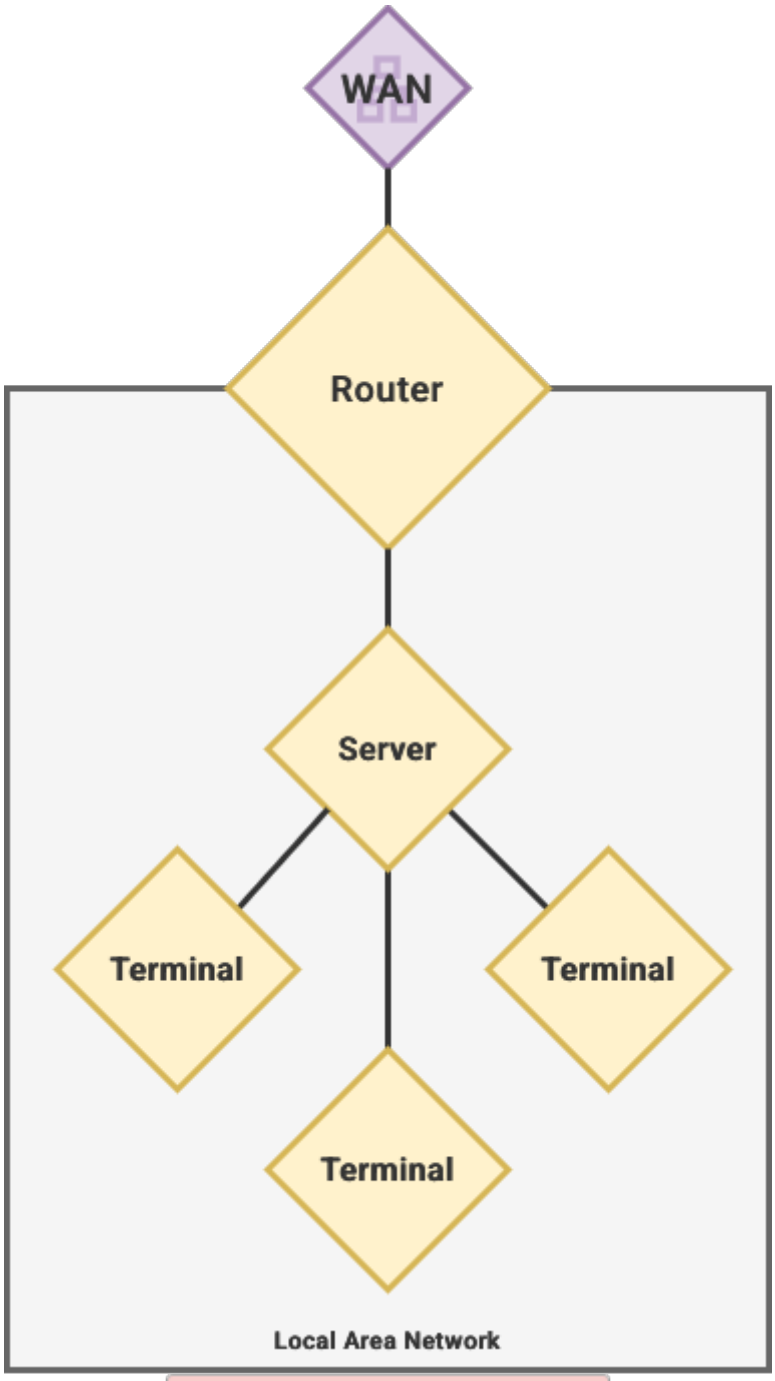
Capstone

- New Page

New Page


Software
Firmware
Hardware
Digital Processes
Immutable Programming
Physical Electronics
Monolithic Design
Modular Design
Virtual Machine
Application
OS
Virtual HW
Virtual Machine
Application
OS
Virtual HW
Virtual Machine
Application
OS
Virtual HW
Hypervisor
Operating System
Hardware
Computer



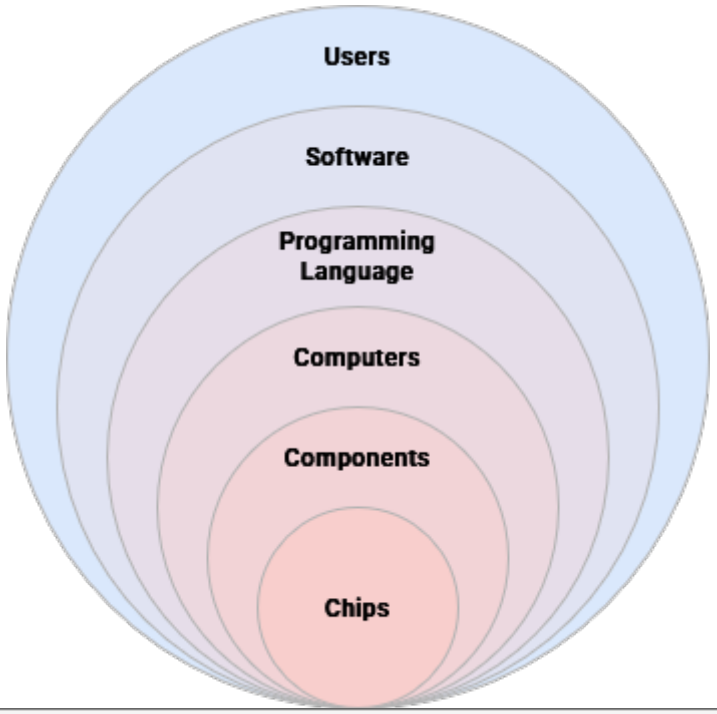
Application Layer

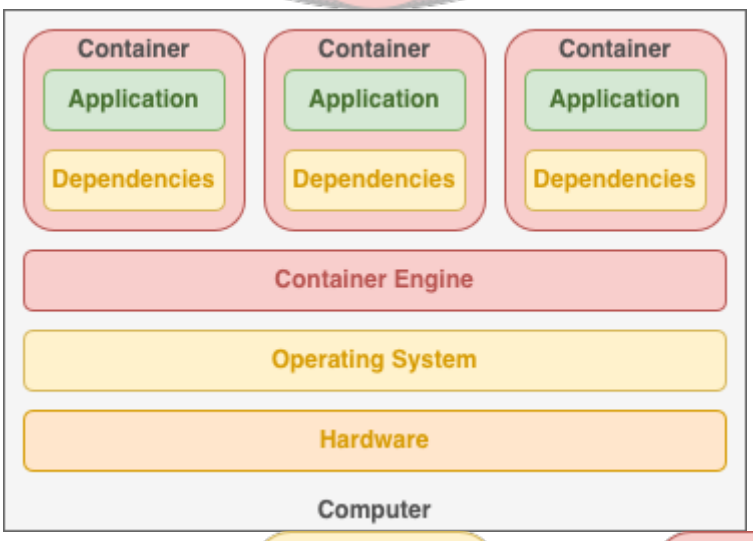
Transport Layer

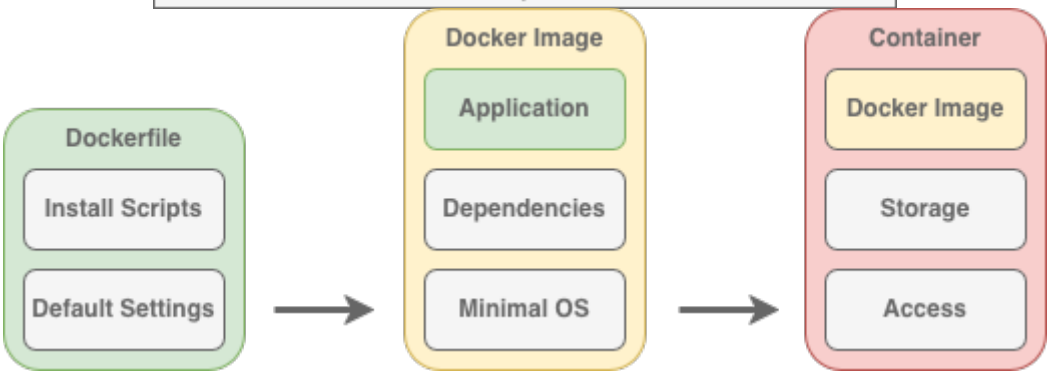
Internet Layer

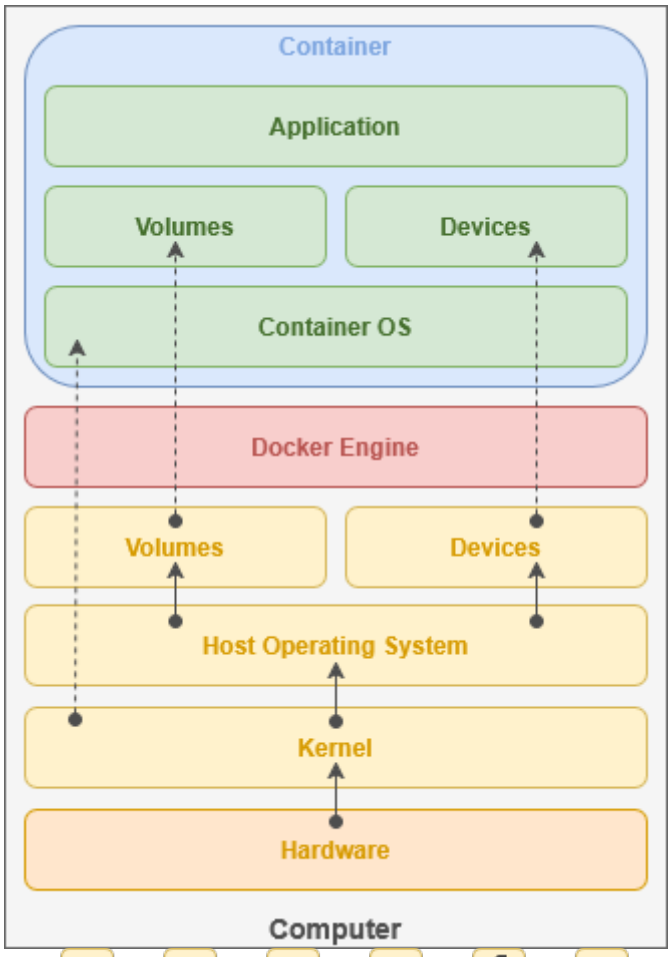
Link Layer

Physical Layer

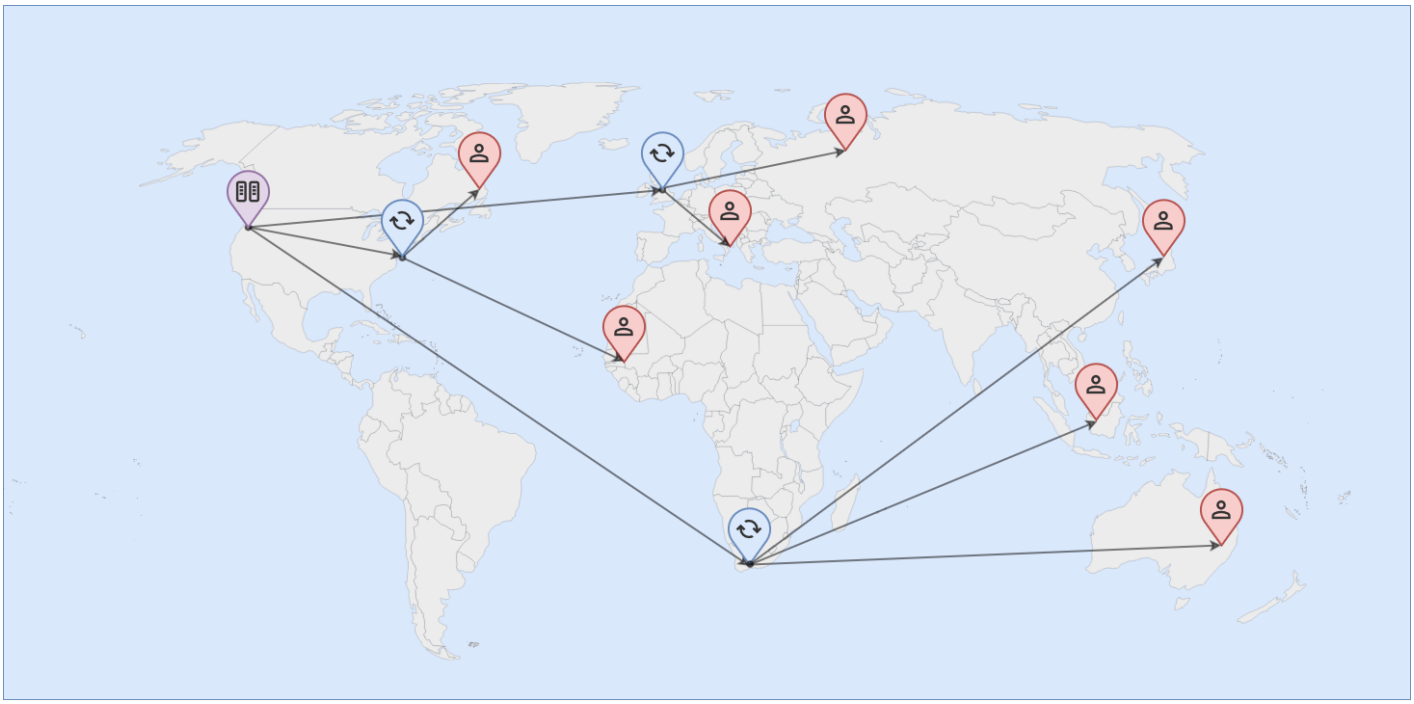

Users
Software
Programming Language
Computers
Components
Chips

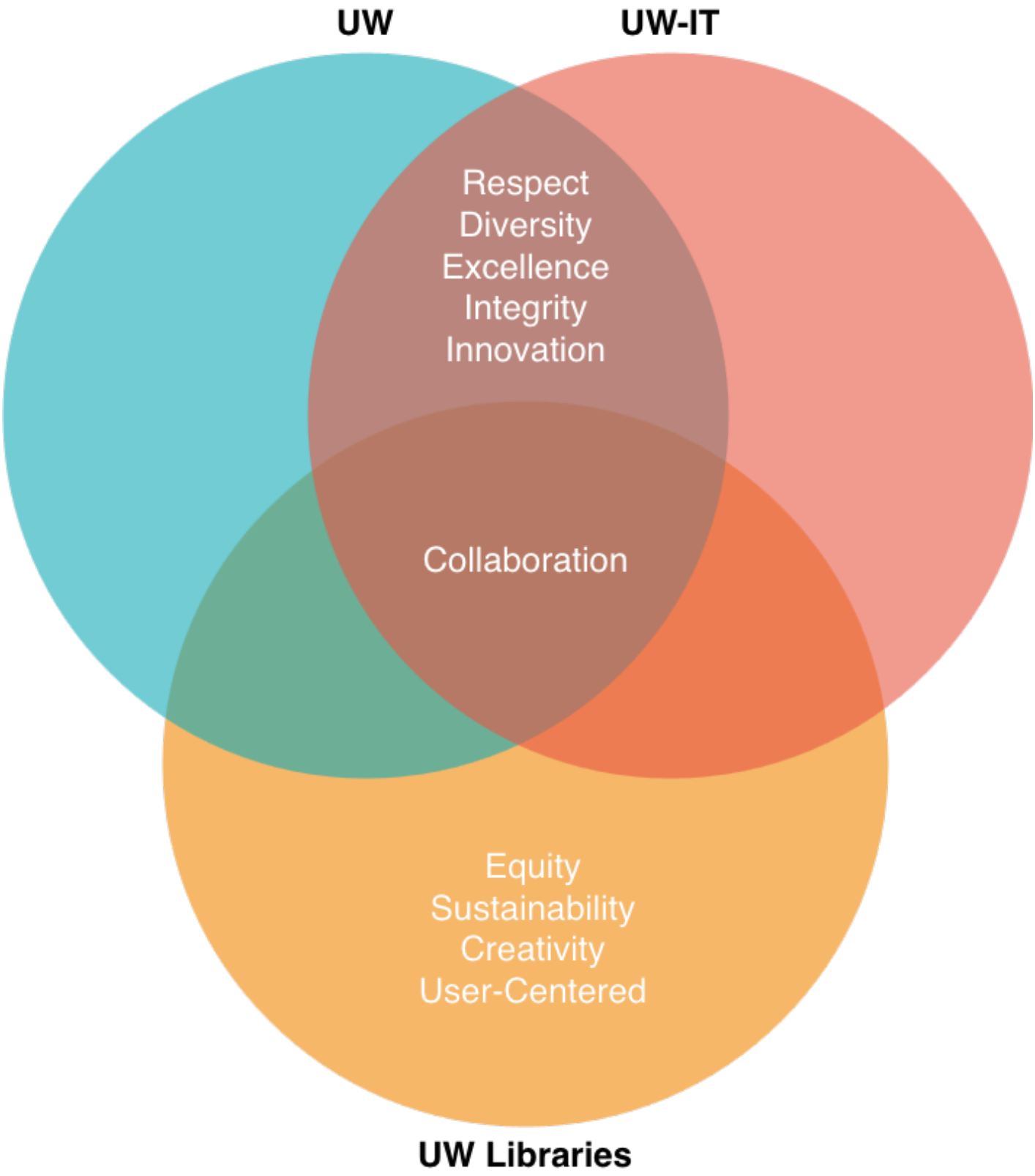

Container
Application
Dependencies
Container
Application
Dependencies
Container
Application
Dependencies
Container Engine
Operating System
Hardware
Computer

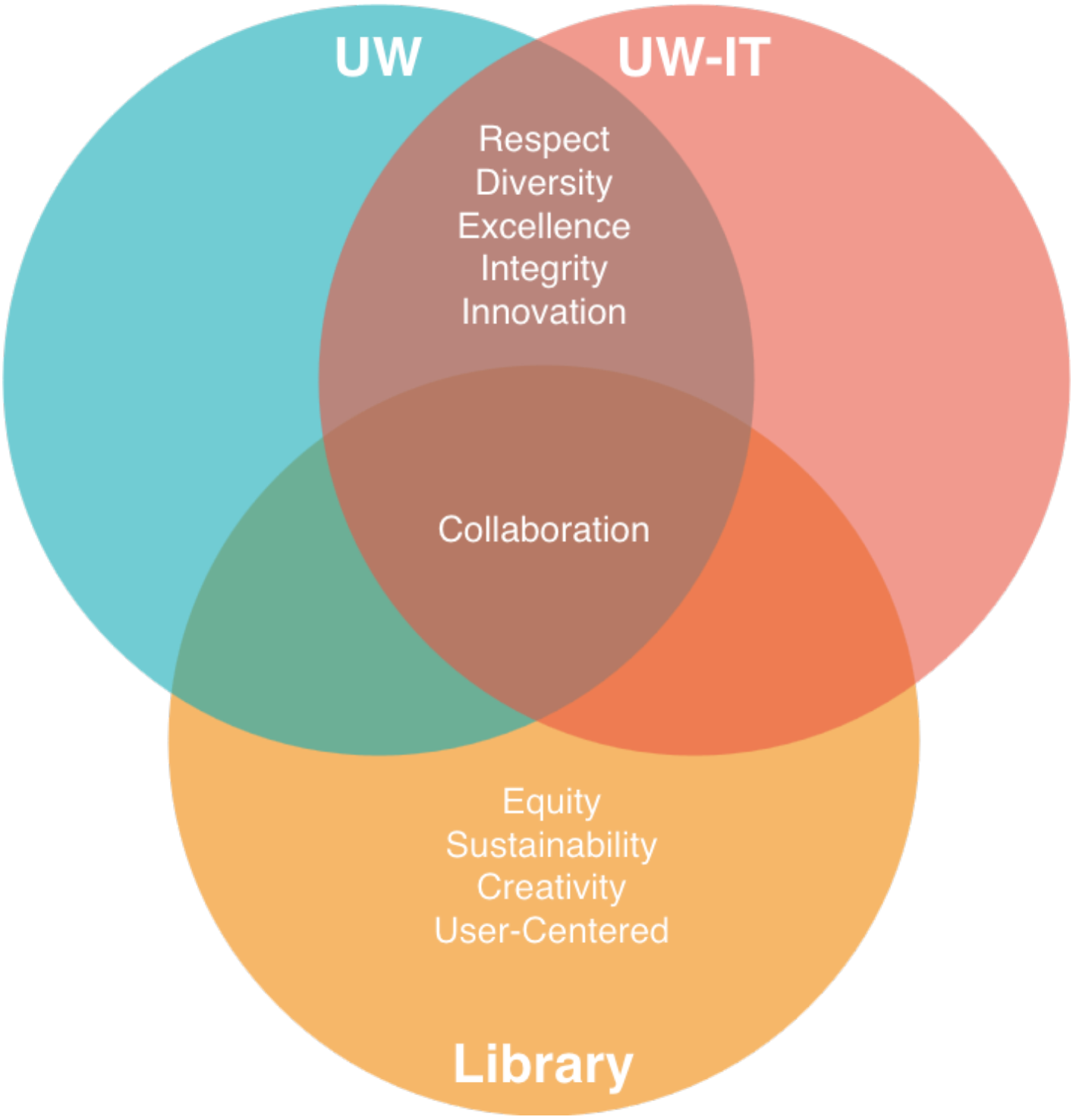

Dockerfile
Install Scripts
Default Settings
Docker Image
Application
Dependencies
Minimal OS
Container
Docker Image
Storage
Access

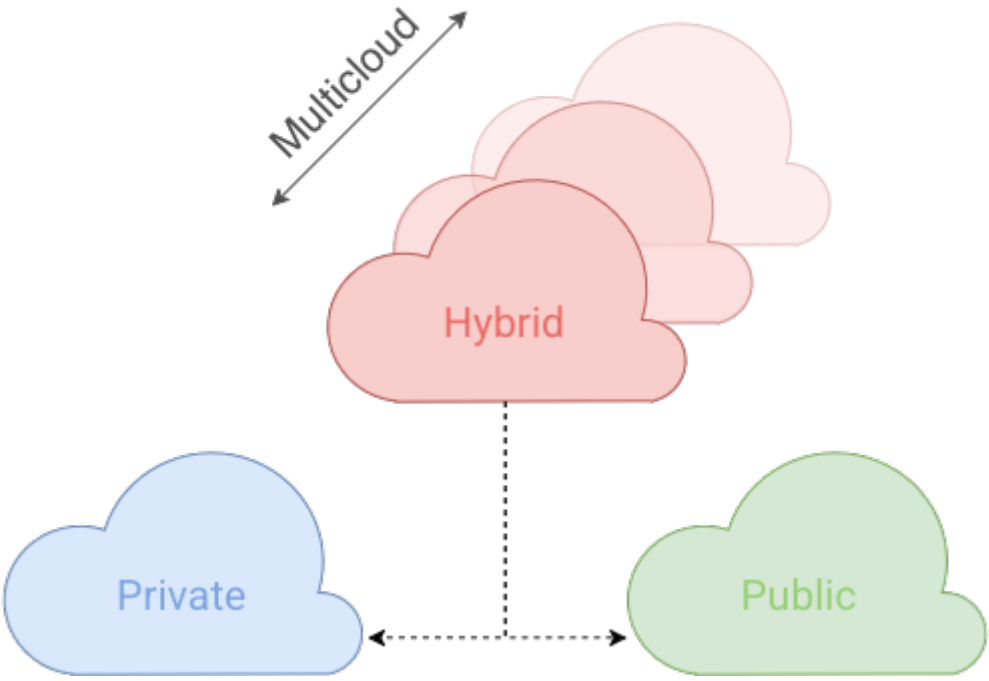


	Input and Output	Application	Security	Database	Operating System	Virtualization	Server	Storage	Networking	Facilities
Self-Hosted *In-House, Self-Maintained Servers*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Infrastructure-as-a-Service *Rental hardware and network systems*	✓	✓	✓	✓	✓	—	—	—	—	—
Platform-as-a-Service *Deploy software on a rented server*	✓	✓	—	—	—	—	—	—	—	—
Software-as-a-Service *Rent access to web-based software*	✓	—	—	—	—	—	—	—	—	—
Function-as-a-Service *Pay by each task completed.*	—	—	—	—	—	—	—	—	—	—




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Diversity
Excellence
Integrity
Innovation
Collaboration
Equity
Sustainability
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Equity
Sustainability
Creativity
User-Centered
Library


Multicloud
Hybrid
Private
Public