































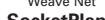


















# Cloud Native Landscape 2016

For more cloud native know-how see:  
[qaware.de/news/cloudnative](http://qaware.de/news/cloudnative)

CODE	
APPLICATION PLATFORM	<div><div>Microservices</div><div></div></div> <div><div>Dataservices*</div><div></div></div>
APPLICATIONS	
CLUSTER ORCHESTRATOR	<div> <b>kubernetes</b> <small>by Google</small></div> <div> <b>Helios</b></div> <div> <b>Chronos</b></div> <div> <b>Kontena</b></div> <div> <b>apache brooklyn</b></div> <div> <b>Chronos</b></div> <div> <b>vamp</b></div> <div> <b>RANCHER</b></div> <div> <b>Marathon</b></div> <div> <b>Apache AURORA</b></div> <div> <b>Pentameter</b></div> <div> <b>Cloudify</b></div> <div> <b>decking</b></div>
CONTAINER	
CLUSTER SCHEDULER	<div> <b>MESOS</b></div> <div> <b>docker SWARM</b></div> <div> <b>Nomad</b></div> <div> <b>hadoop YARN</b></div> <div> <b>kubernetes</b> <small>by Google</small></div> <div> <b>CoreOS fleet</b></div>
CLUSTER RESOURCES	
CLUSTER VIRTUALIZATION	<div><div><b>OS Virtualization</b></div><div> <b>docker</b></div><div> <b>rkt</b></div><div> <b>ZEROVM</b></div></div> <div><div><b>Network Virtualization</b></div><div> <b>flannel</b></div><div> <b>OPENCONTRAIL</b></div><div> <b>CALICO</b></div><div> <b>Open Switch</b></div><div> <b>Weave Works</b></div><div> <b>Weave Net</b></div><div> <b>SocketPlane</b></div><div> <b>ROMANA</b></div></div> <div><div><b>Storage Virtualization</b></div><div> <b>Flocker</b></div><div> <b>GlusterFS</b></div><div> <b>TACHYON</b></div><div> <b>ceph</b></div><div> <b>REX-Ray</b></div><div> <b>MINIO</b></div></div> <div><div><b>Memory Virtualization</b></div><div> <b>hazelcast</b></div><div> <b>Infinispan</b></div><div> <b>ignite</b></div></div>
NODE RESOURCES	
OPERATING SYSTEM	<div> <b>ATOMIC</b></div> <div> <b>RANCHEROS</b></div> <div> <b>PHOTON OS™</b></div> <div> <b>Snappy Ubuntu</b></div> <div> <b>CoreOS</b></div>

\* See our Big Data Landscape: [qaware.de/news/big-data-landscape](http://qaware.de/news/big-data-landscape)

PaaS
Flynn            IDEIS            PaaS            PaaS            CLOUD FOUNDRY            Apollo            OPENSIFT            MANTL            Singularity
IaaS
<b>Private / Hybrid</b> cloudstack            openstack            OpenNebula.org            HPE Helion public
<b>Public</b> Microsoft Azure            Google Cloud Platform            amazon web services

CaaS
DOCKER DATACENTER            MESOSPHERE DCOS
TECTONIC by CoreOS

CLUSTER INFRASTRUCTURE
<b>Configuration &amp; Coordination:</b> etcd            Consul            Archaius            Zookeeper
<b>Service Discovery:</b> Consul            Eureka            SkyDNS
<b>Edge &amp; API Server:</b> Tyk            KONG            traefik            Weave Flux            Vulkan            Zuul
<b>Cluster Diagnosability:</b> Grafana            sensu            ZIPKIN            sysdig            elastic            kibana            Prometheus            NETFLIX OSS            Atlas            Turbine