

Univa Grid Engine – Container Edition

Docker container orchestrator for maximum utilization of IT resources

Improve the velocity and efficiency of containers:

- Run containers at scale
- Blend containers with other workloads
- Support heterogeneous applications
- Maximize IT resources

“The results we achieved were terrific. By blending our current applications and the new containerized workloads, this solution allowed us to reduce configuration and deployment problems and rapidly create a self-contained run-time environment to accelerate development.”

— Paolo Di Tommaso, Software Engineer
The Centre for Genomic Regulation (CRG)

Unleash the power of containerization on

- ANY existing environment
- ANY architecture
- ANY application

Univa Grid Engine – Container Edition fully incorporates Docker containers into the Univa Grid Engine resource manager.



CONTAINERIZE YOUR DATA CENTERS

Univa Grid Engine Container Edition features the unique ability to run containers at scale and blend containers with other workloads supporting heterogeneous applications and technology environments.

Docker containers are being rapidly adopted by developer communities and provide a more responsive and efficient method to develop, modernize and release applications. IT operations managers want to incorporate containers within their production systems but require proven orchestration and scheduling software as well as configuration tools. Running Docker containers in a Grid Engine cluster fulfills these needs.

KEY FEATURES AND CAPABILITIES

Run Docker containers in a Univa Grid Engine cluster

Schedule work so business critical containers (and non-container workloads) are prioritized over other containers.

Control Job Limits for Docker Containers

Reduce administration overhead and achieve desired resource utilizations.

Accounting for Docker Containers

Ensure fair sharing of cluster resources and allow workloads to be traced and for each department or group that uses shared resources.

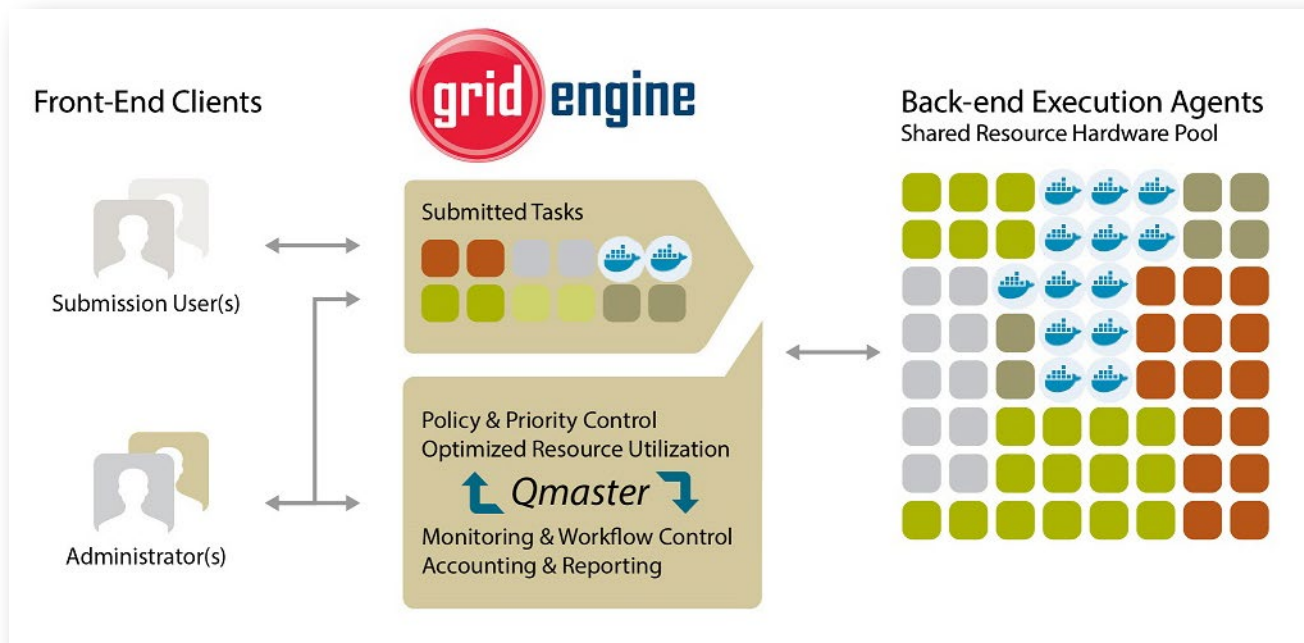
Data Management

Provide container data management via transparent access to output and error files outside of the container.

Interactive Docker Containers

Securely run interactive commands to a container to allow administrators control over applications in the Grid Engine Cluster.

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Provide container orchestration and maximum utilization of IT resources:

- Workload Scheduling
- Container Orchestration
- Docker Support
- Proven Scale
- Enterprise-Grade Management
- Complete Job Control
- Pre-Emption Capability

About Univa

Univa is the leading innovator of workload management products that optimize performance of applications, services and containers. Univa enables enterprises to fully utilize and scale compute resources across on-premise, cloud, and hybrid infrastructures. Advanced reporting and monitoring capabilities provide insights to make scheduling decisions and achieve even faster time-to-results. Univa's solutions help hundreds of companies to manage thousands of applications and run billions of tasks every day. Univa is headquartered in Chicago, with offices in Canada and Germany. For more information, please visit www.univa.com.

