



Submit Job

**ElasticFlow API** (*model, data, deadline, .....*)

Admission Control

Minimum Satisfactory  
Share Calculation

Admitted

Job

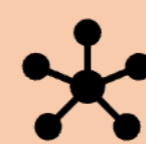
Resource Allocation

Optimal Elastic  
GPU Allocation

Cluster Status  
Monitor



Job Placement

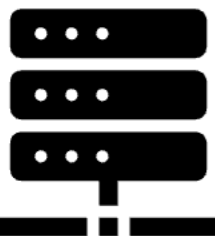


Topology-Aware  
Buddy Allocation

**Job Scheduler**

Elastic Training Executor

Worker



Worker



Worker



Worker

