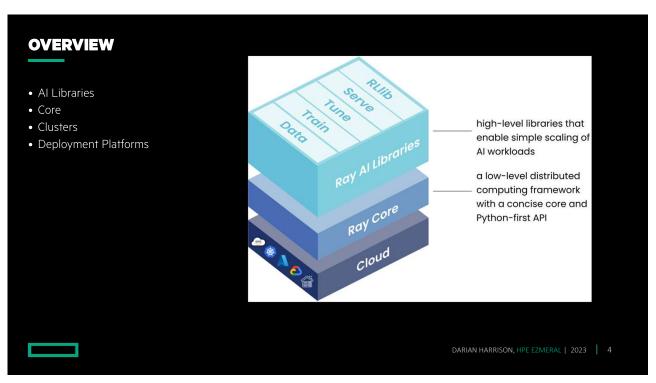
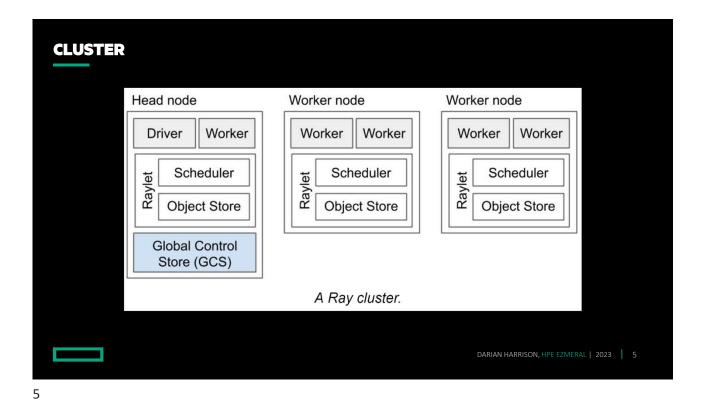


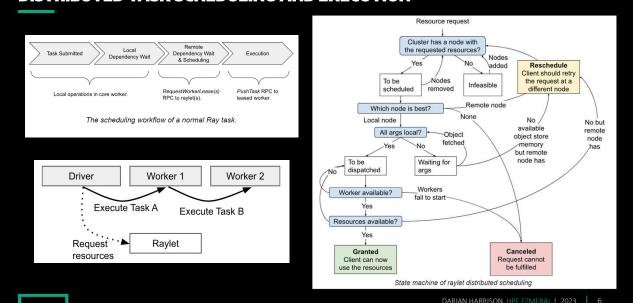
TOPICS COVERED TODAY 1. Intro to the Ray 2. Intro to Reinforcement Learning 3. KubeRay Quickstart

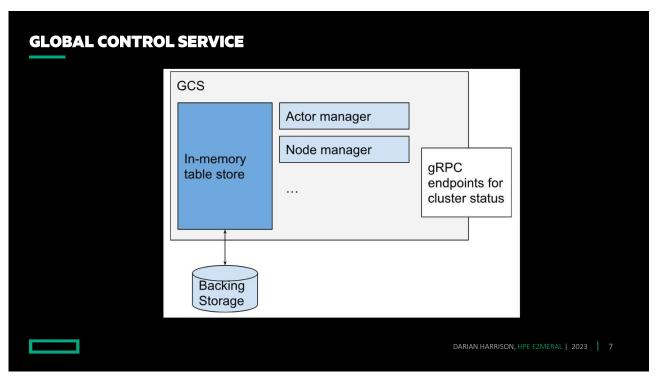
PHILOSOPHY • Ray aims to provide a universal API for distributed computing.

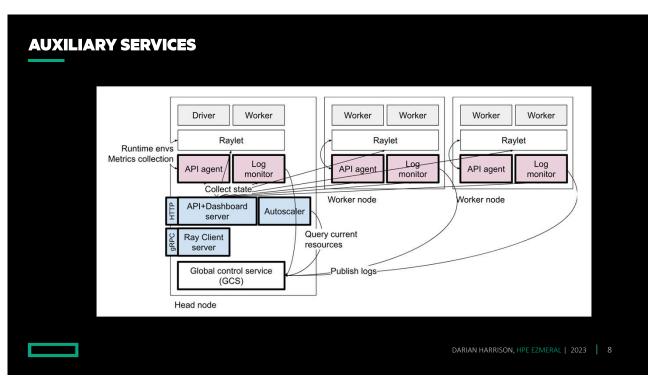


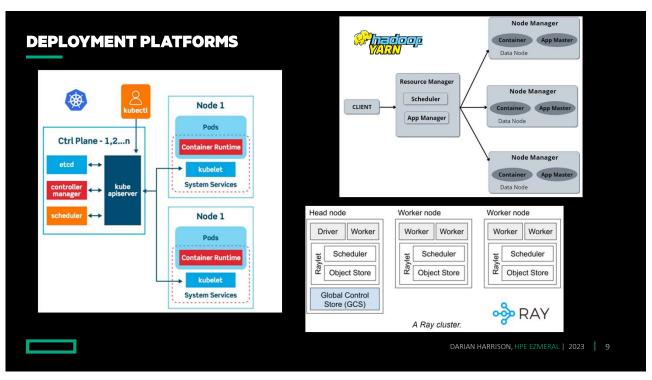


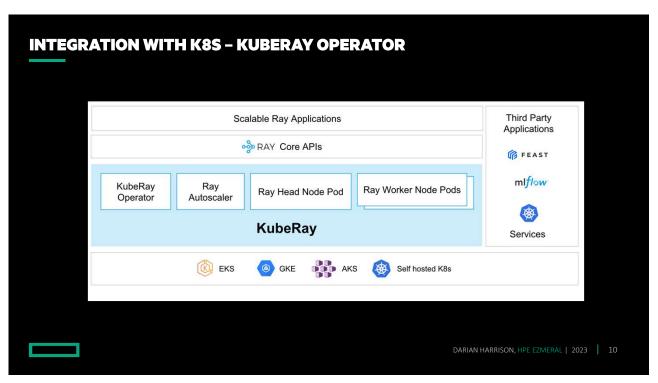
DISTRIBUTED TASK SCHEDULING AND EXECUTION











SECURITY

- Must secure cluster perimeter
- Execute only trustworthy code
- Supports TLS on gRPC channels (data exchanged between processes (client, head, workers) is encrypted)
- Leverage underlying platform security, in the case of K8s
 - Pod Security
 - k8s RBAC
 - K8s Ingress

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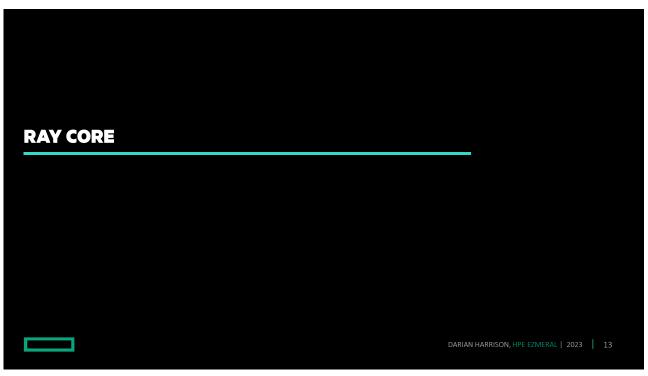
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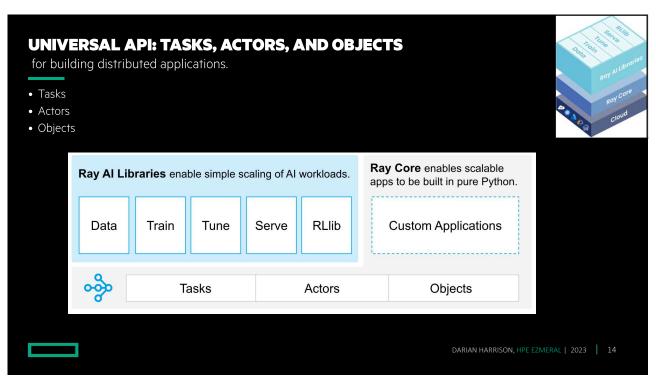
11

DEPLOYMENT MODES & TOOLS

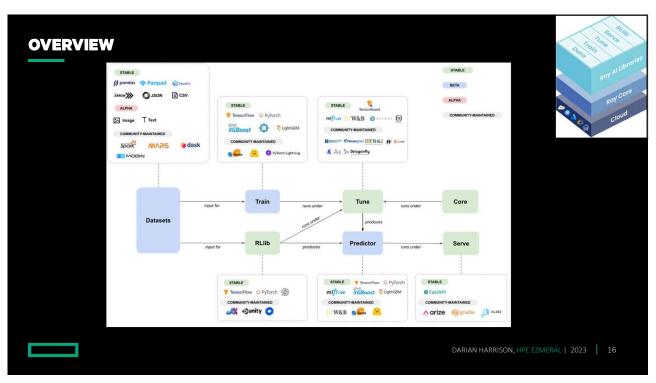
	Interactive Development	Production
Cluster Configuration	KubeRay YAML	KubeRay YAML
Code	Run driver or Jupyter notebook on head node	Bake code into Docker image
Artifact Storage	Set up an EFS or Cloud Storage (S3, GS)	Set up an EFS or Cloud Storage (S3, GS)
Package Dependencies	Install onto NFS or Use runtime environments	Bake into Docker image

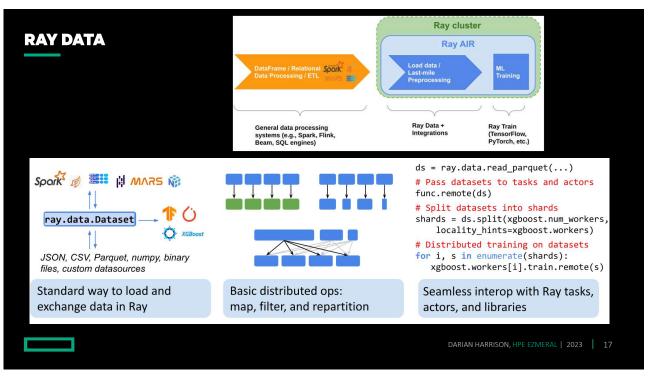
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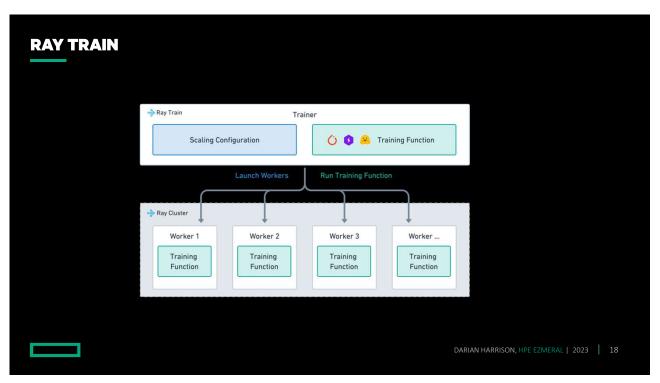


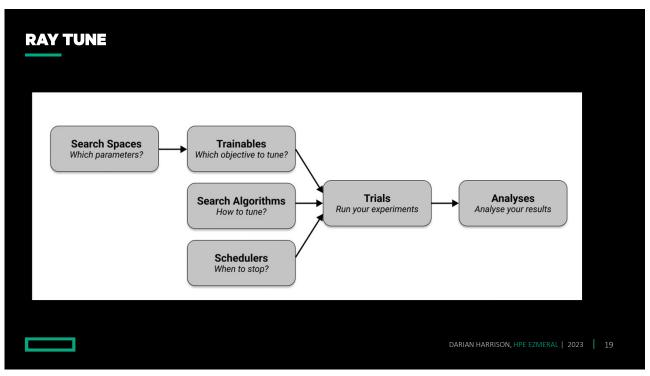


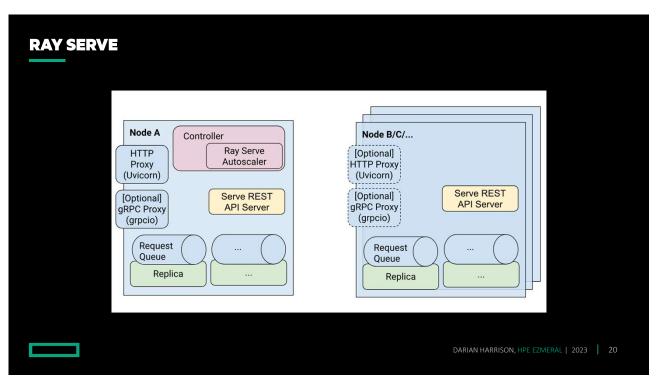


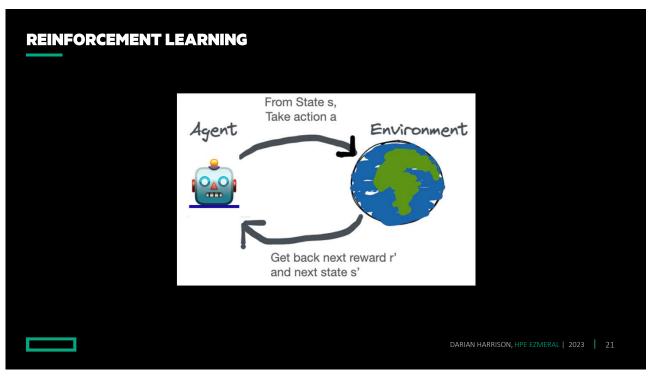


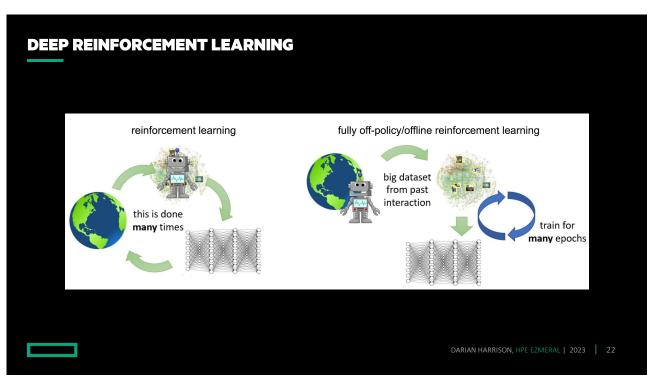


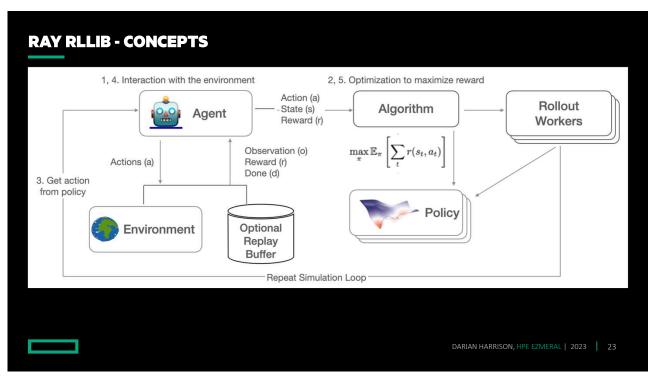


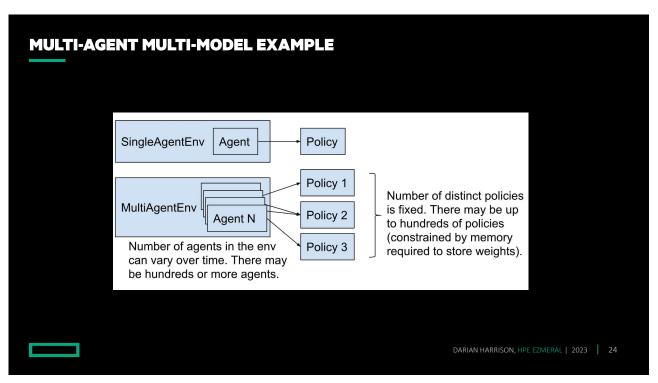


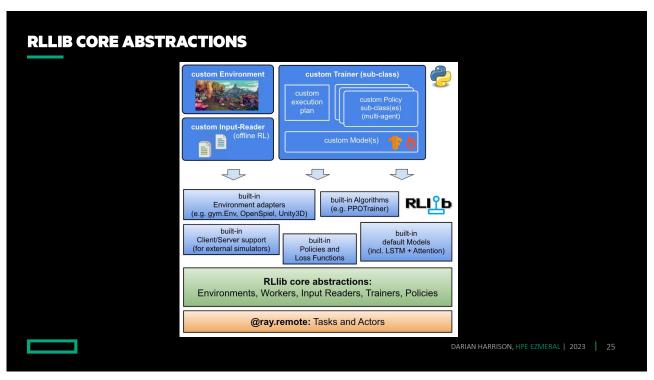














https://docs.ray.io/en/latest/index.html	
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