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kaiyuanshe

2016中国开源年会

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Kubernetes on Mesos: 现在与未来

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Kubernets 子社区 (kube-mesos) 负责人

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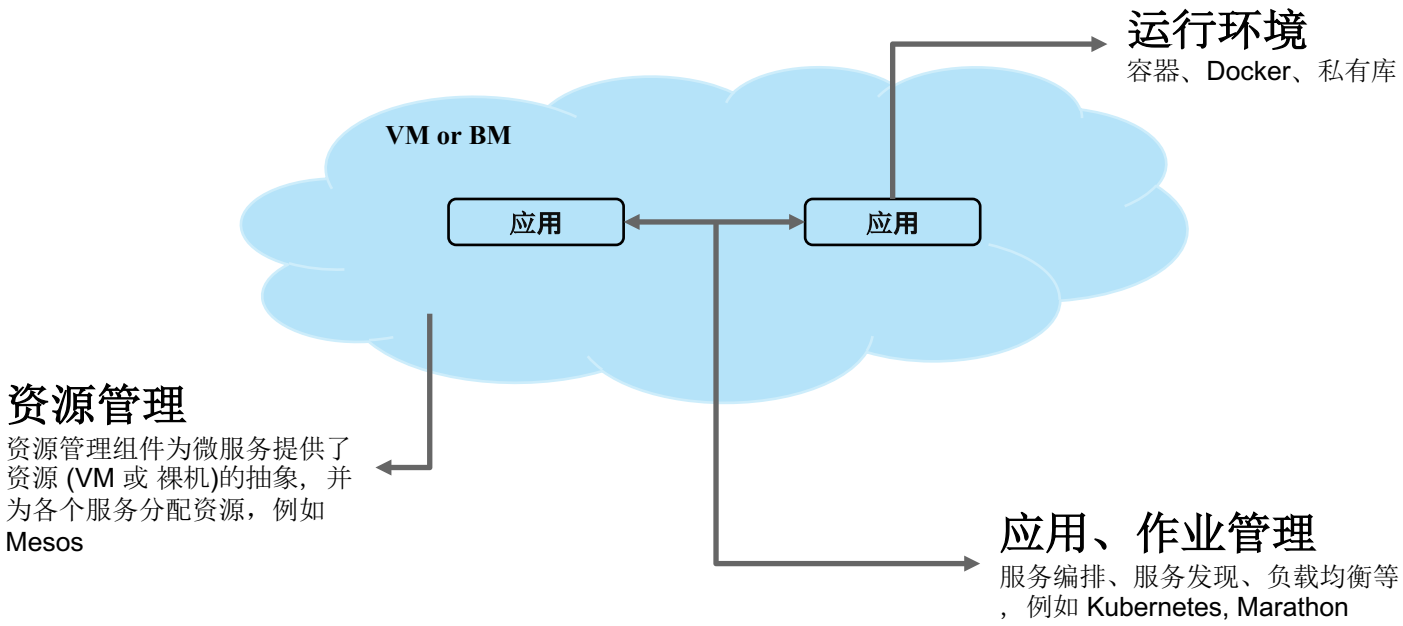
kube-mesos History

- v0.2.0 ~ 0.2.2, 2014
- v0.3.0 ~ 0.7.1, 2015
- v0.7.2, **Jan 30, 2016**
- Promoted to incubator, **Sep, 2016**

kube-mesos Organization

- **Sponsor**: Tim Hockin (Google)
- **Champion**: David Eads (Redhat)
- **Owner**: Klaus Ma (IBM)
- **Github:** kuberntes-incubator/kube-mesos-framework
- **SIG:** Non

Why *kube-mesos*?



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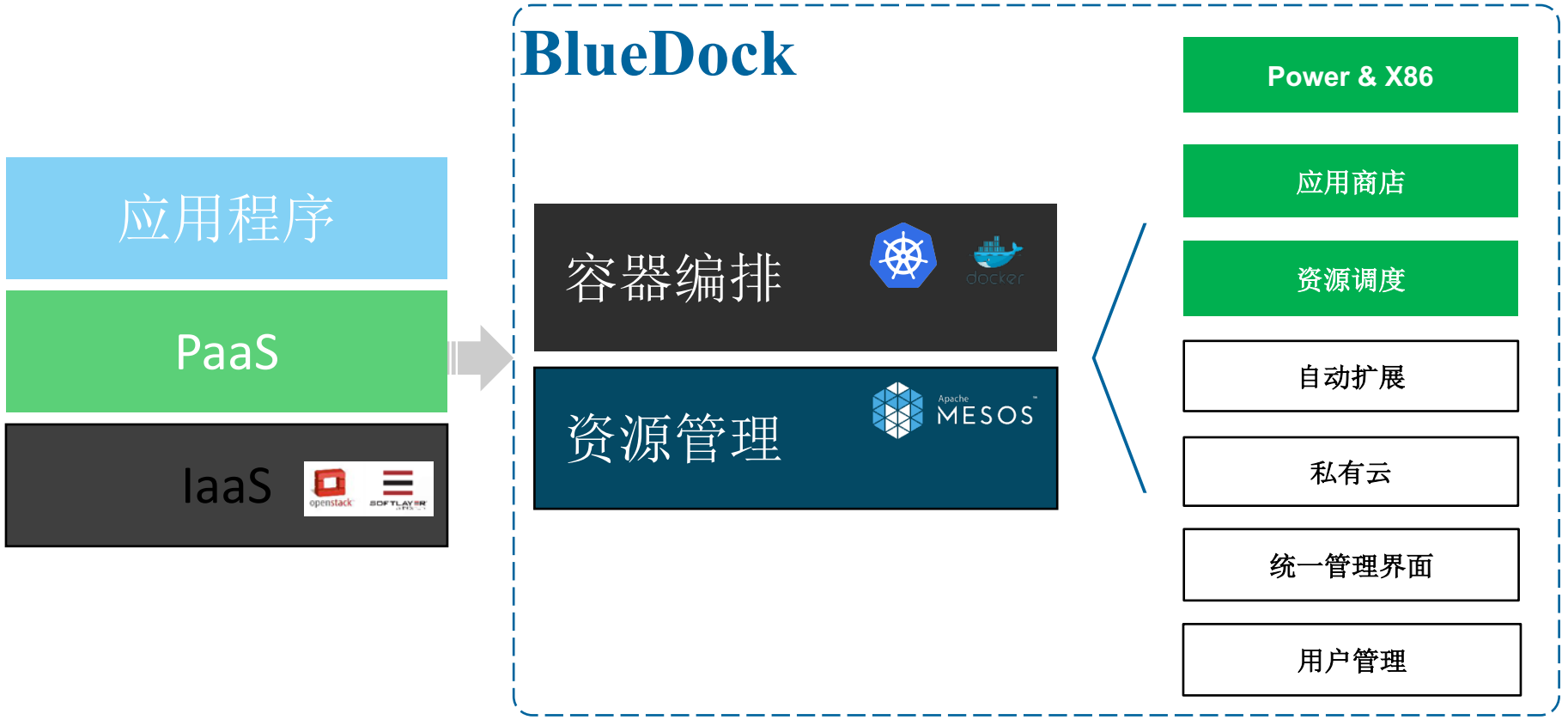

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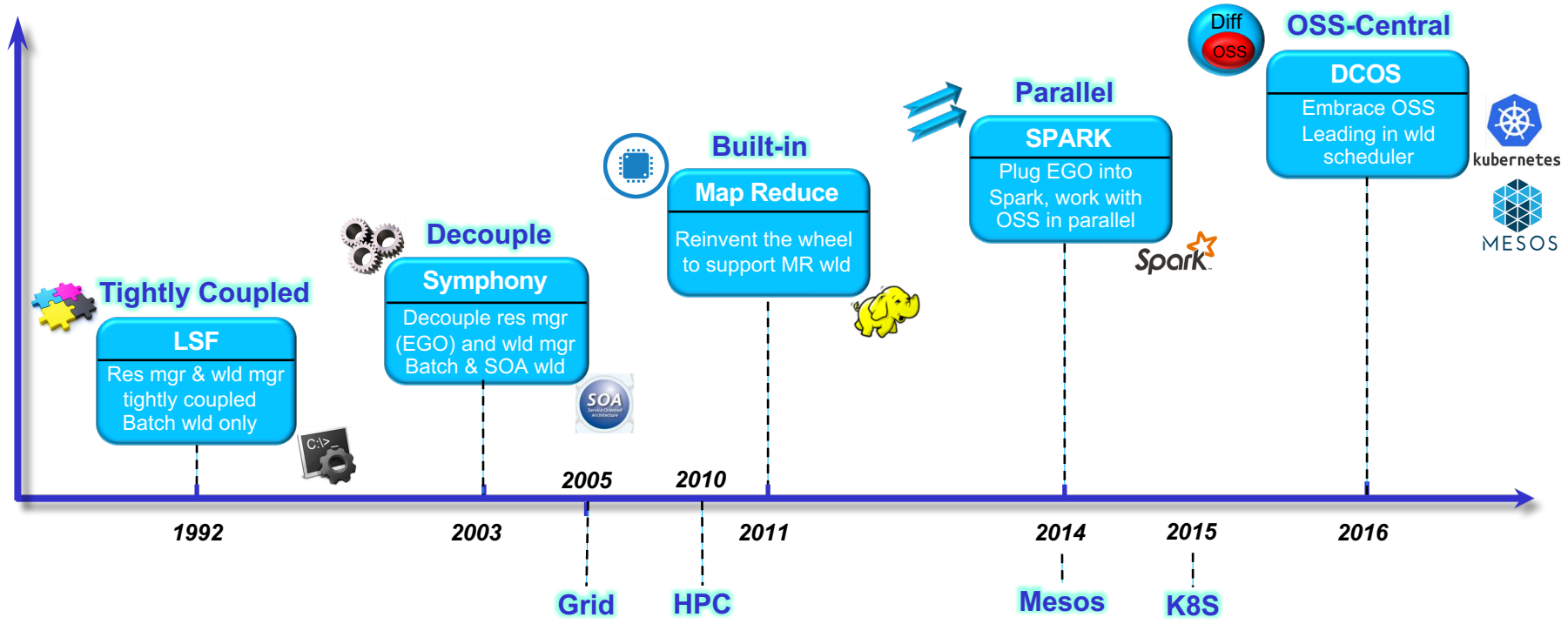

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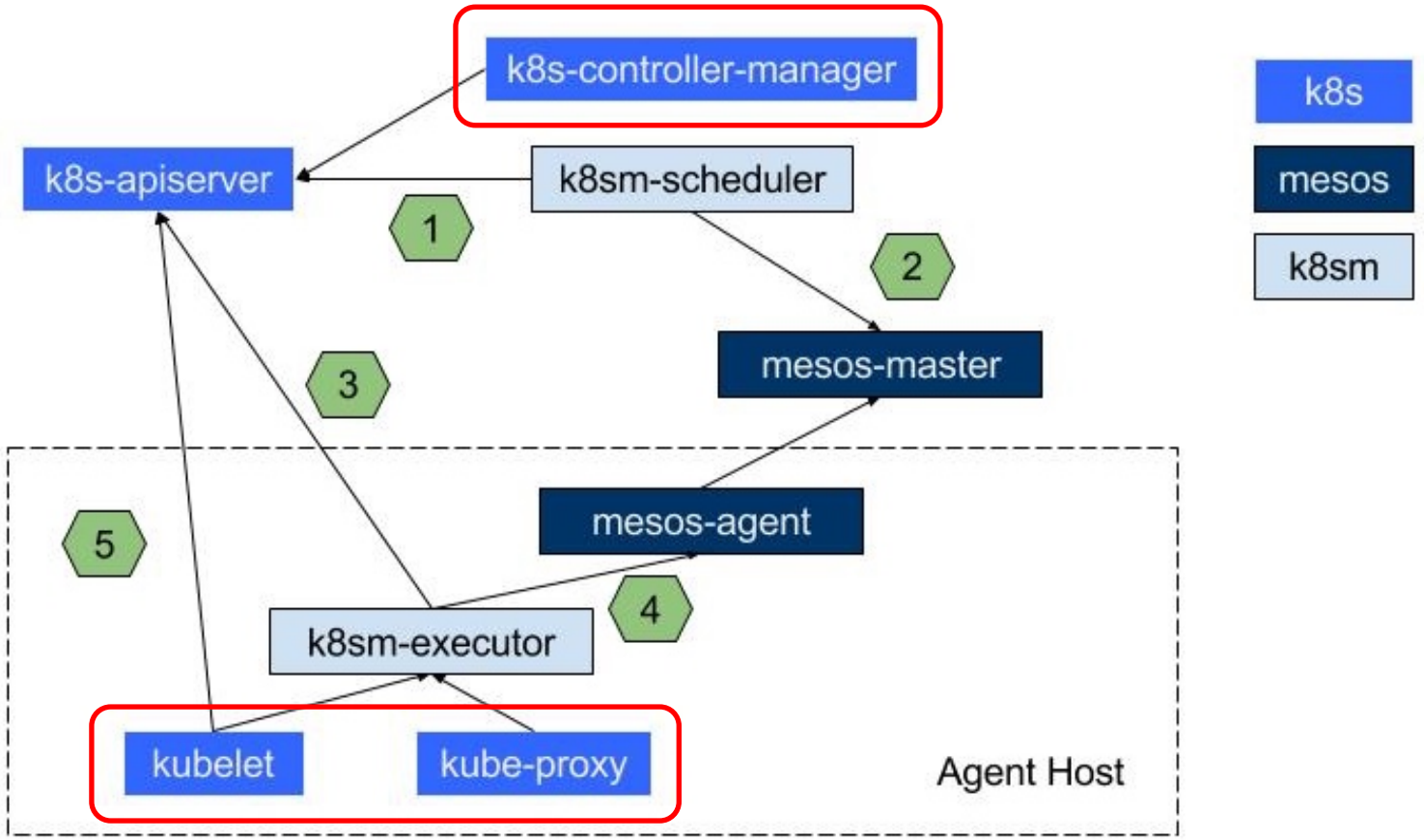
Any issues?

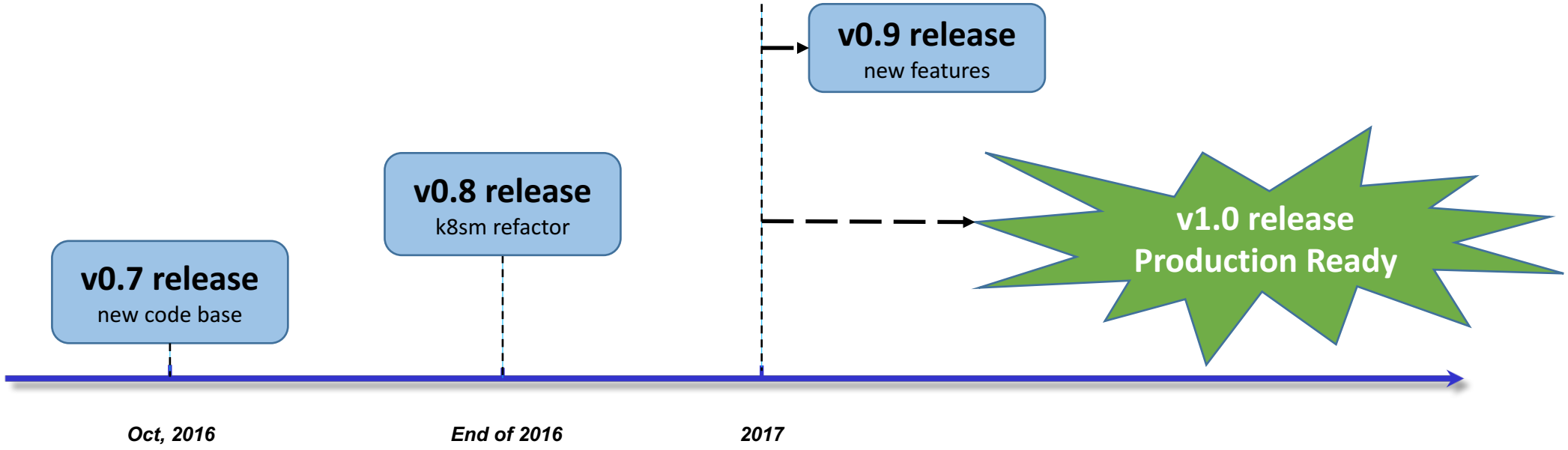
- Refactor k8sm to avoid re-ship binaries (k8sm #20)
- Kubernetes use revocable resources from Mesos (#19529)
- Integrate kube-DNS with external DNS (#28453)
- Integrate Namespace/Quota with CloudProviders’ (#31069)
- Make k8sm-scheduler using reserved resource firstly (#31068)
- …

Where’re are we now?

1. Get Pods
2. Match Pods and Offers
3. Bind Pods with Host
4. Update Pods status
5. Run Pods by kubelet



Where to go?


v0.9 release
new features
v0.8 release
k8sm refactor
v0.7 release
new code base
v1.0 release
Production Ready
Oct, 2016
End of 2016
2017

Thank you !!!