



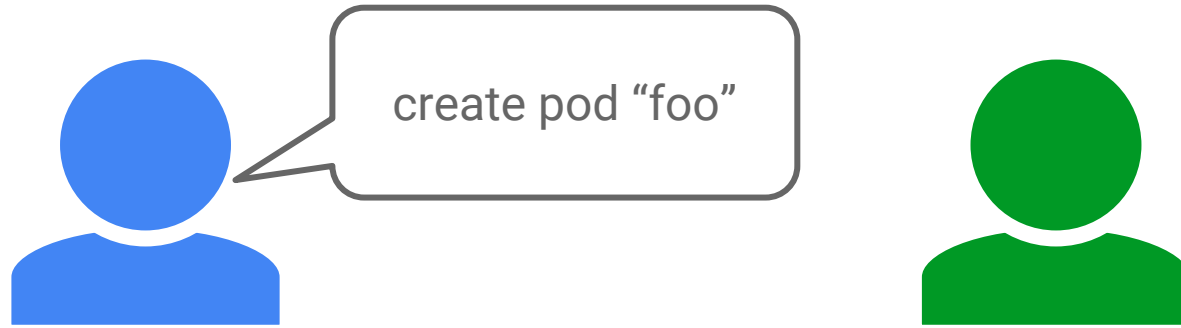
Kubernetes: A very brief intro to Namespaces



Tim Hockin <thockin@google.com>
Senior Staff Software Engineer
[@thockin](#)



Your Cluster



Your Cluster

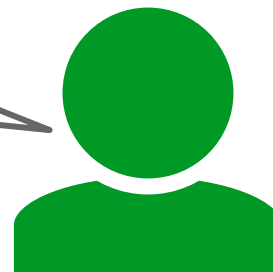


foo

Your Cluster



create pod "bar"



foo

Your Cluster

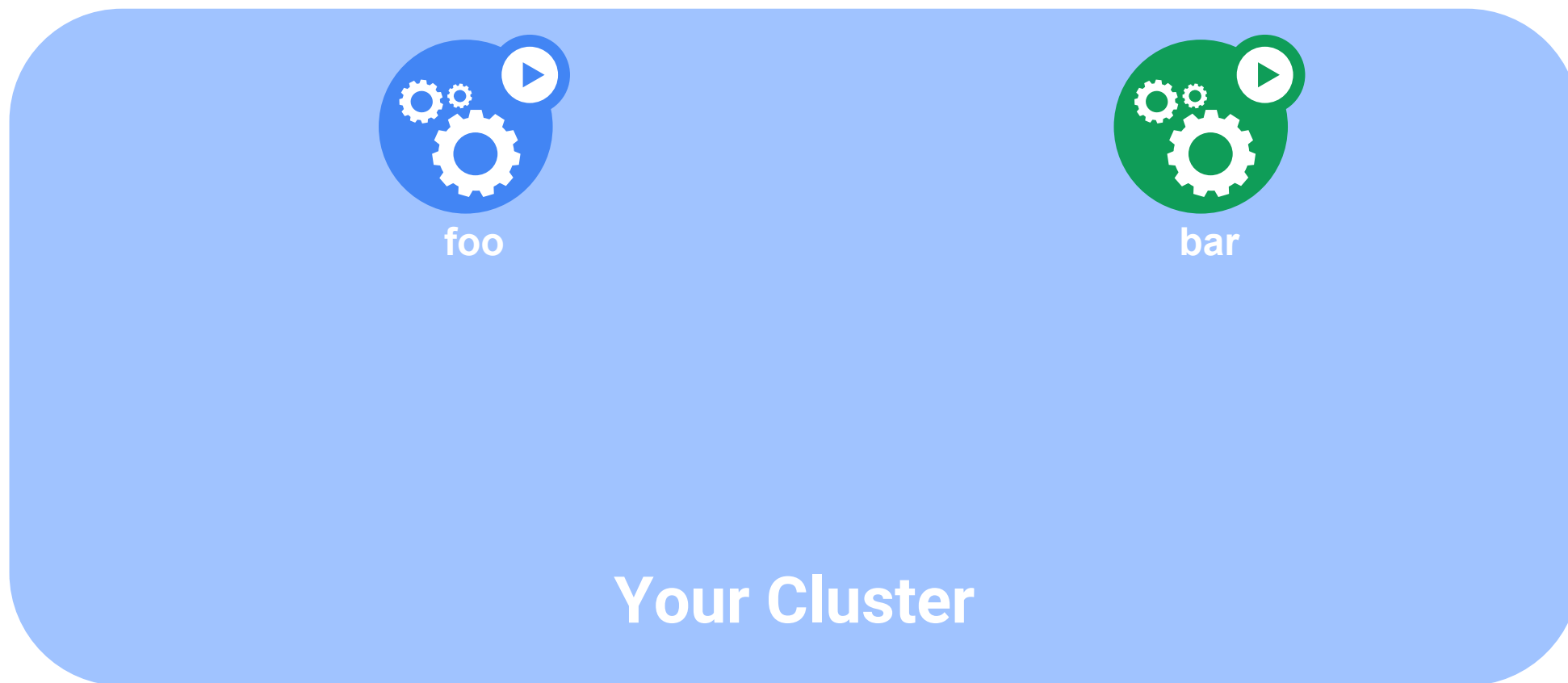
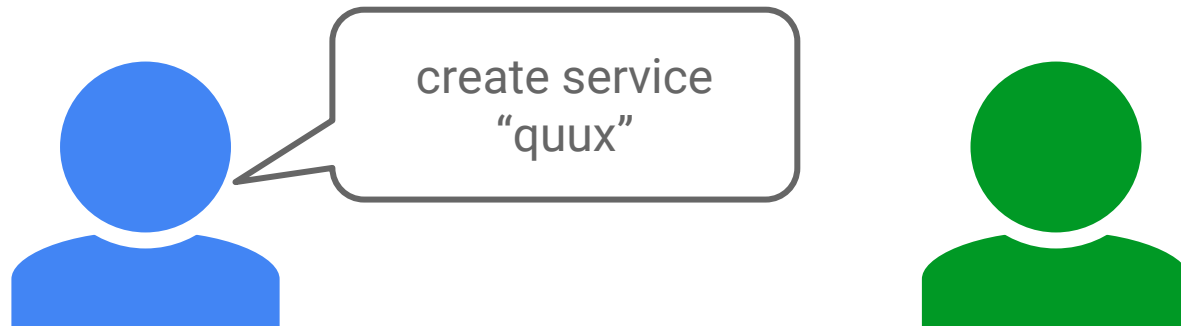


foo



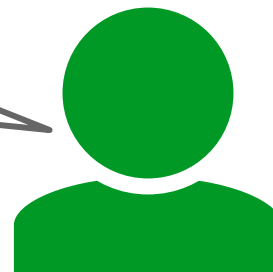
bar

Your Cluster





create service
"quux"



foo

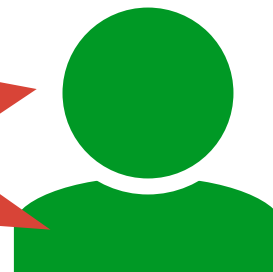
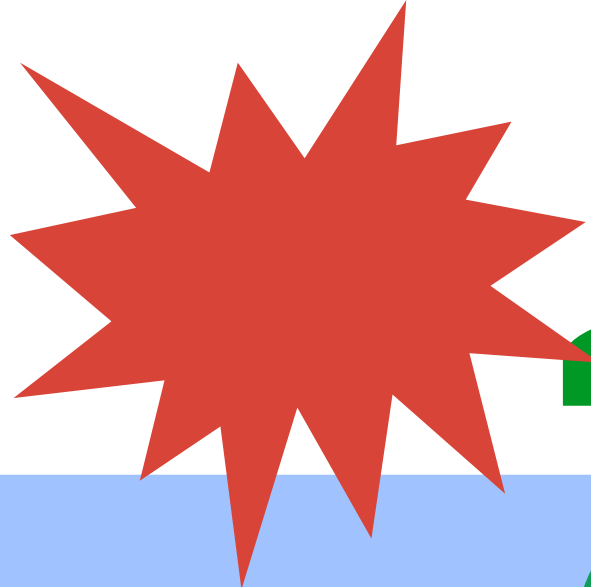


bar



quux

Your Cluster



foo

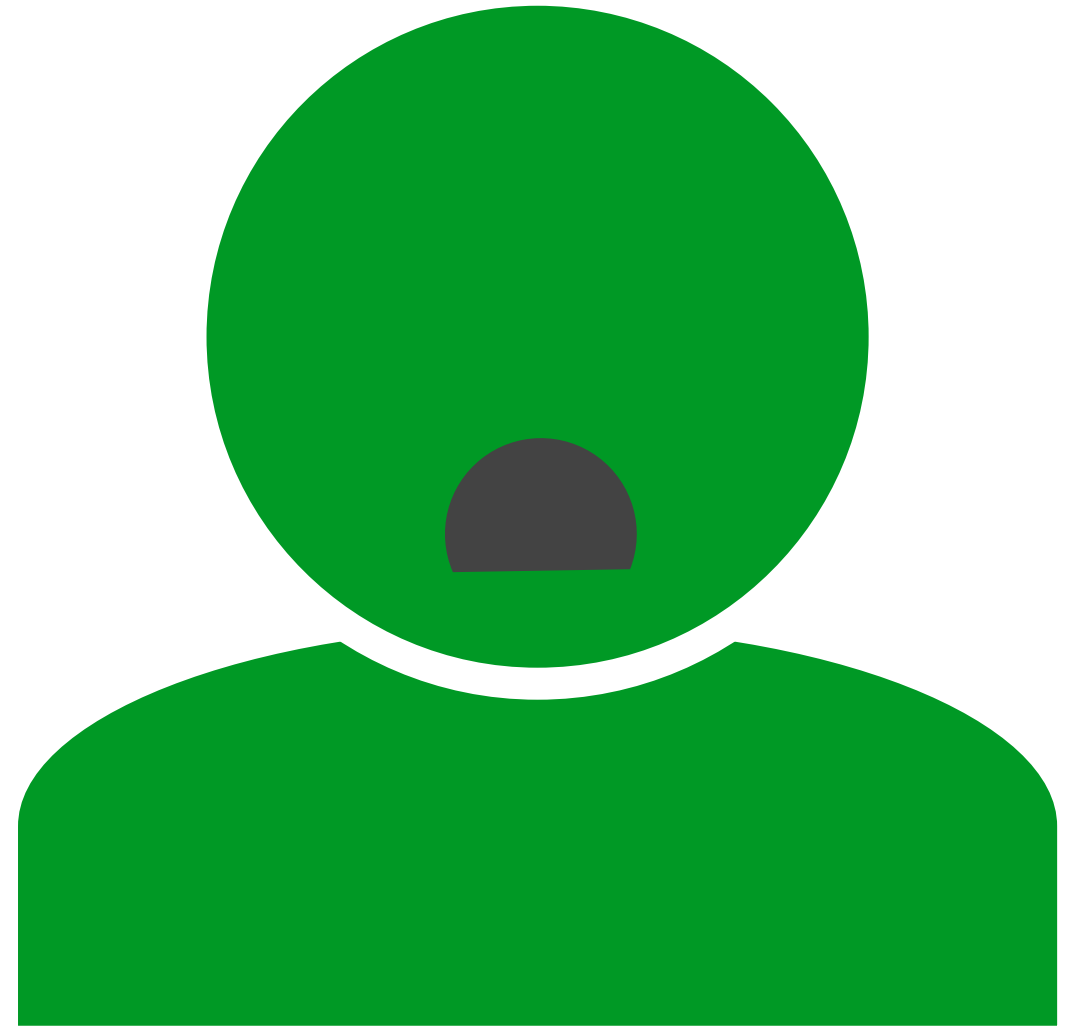


bar



quux

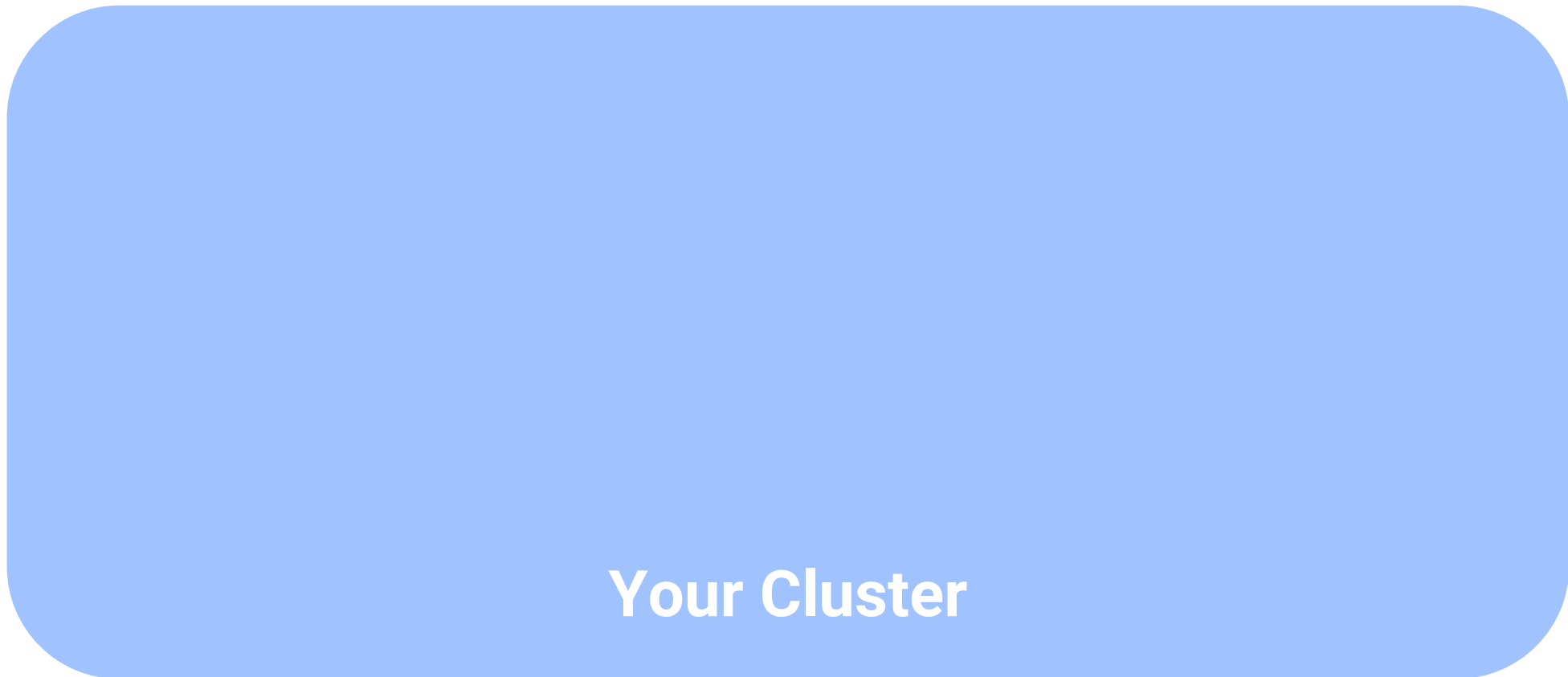
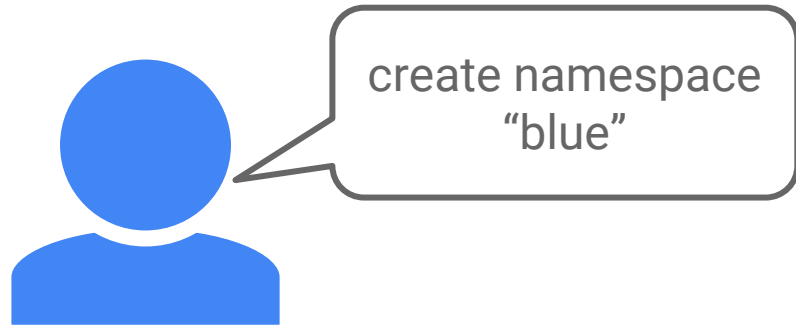
Your Cluster



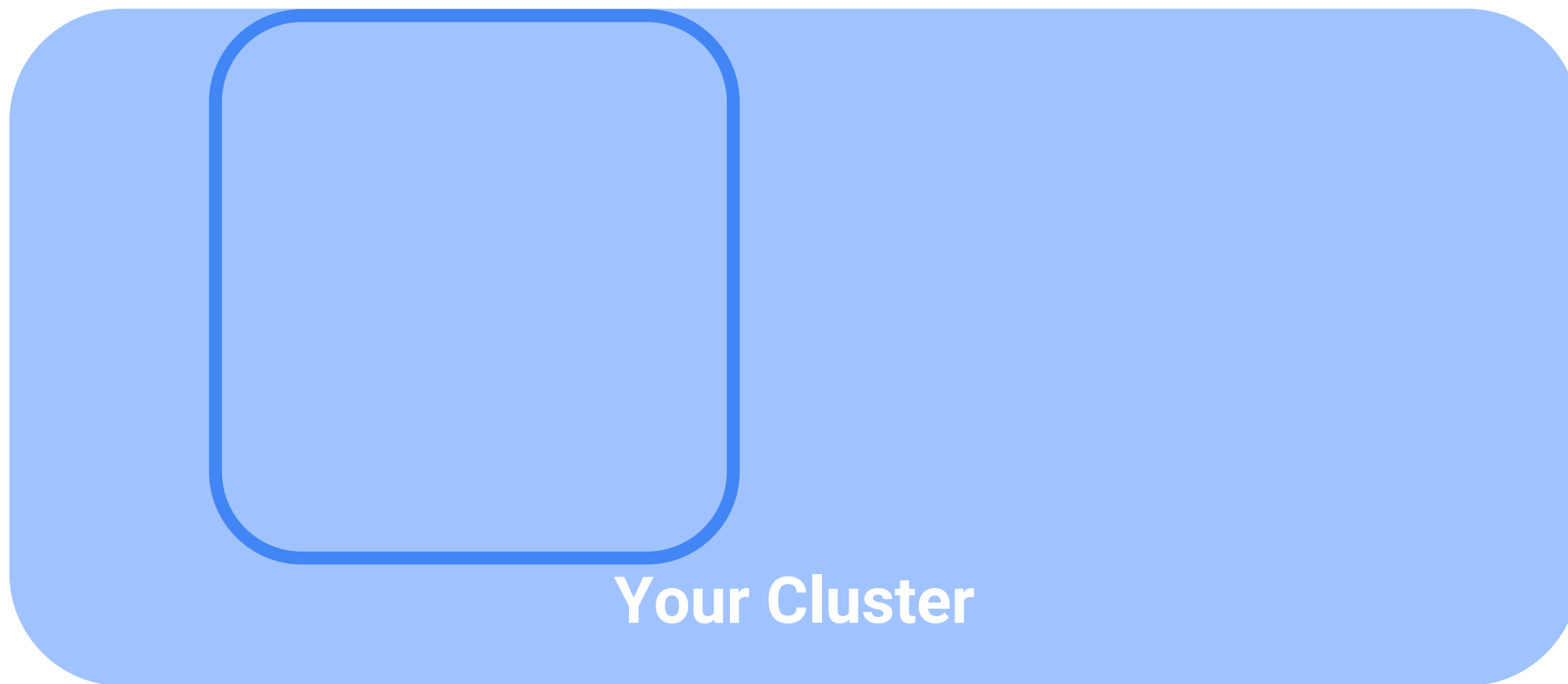
Namespaces



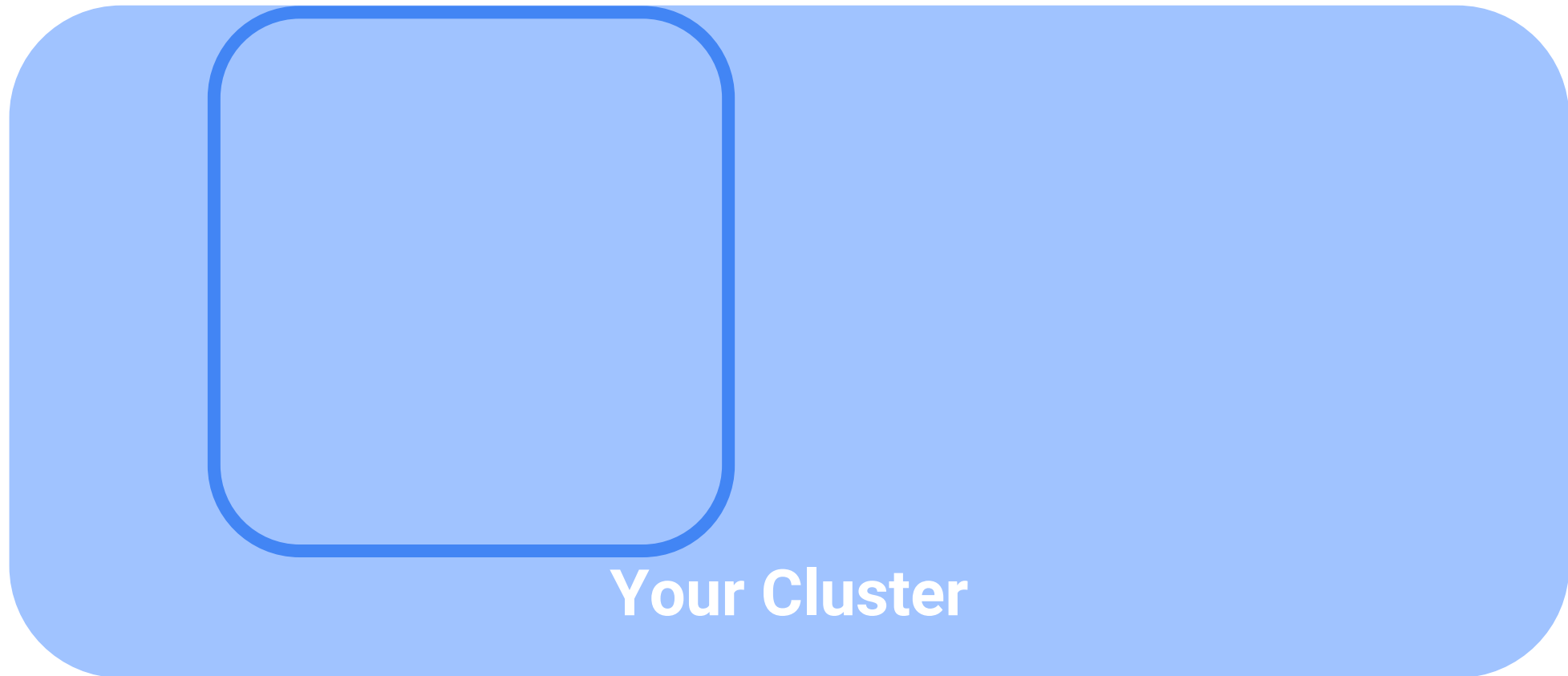
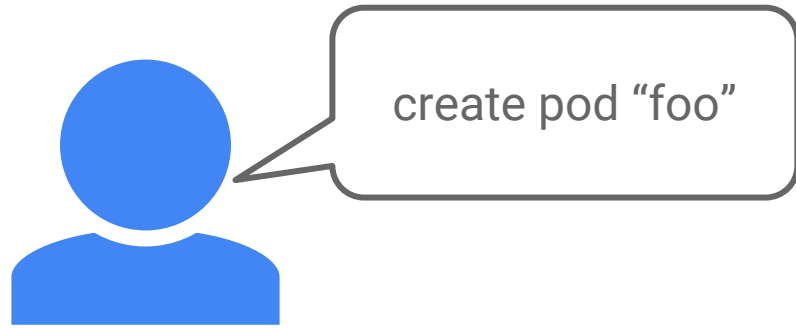
Your Cluster



Your Cluster



Your Cluster



Your Cluster

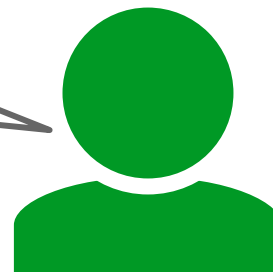


foo

Your Cluster



create namespace
"green"



foo

Your Cluster

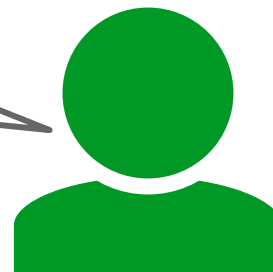


foo

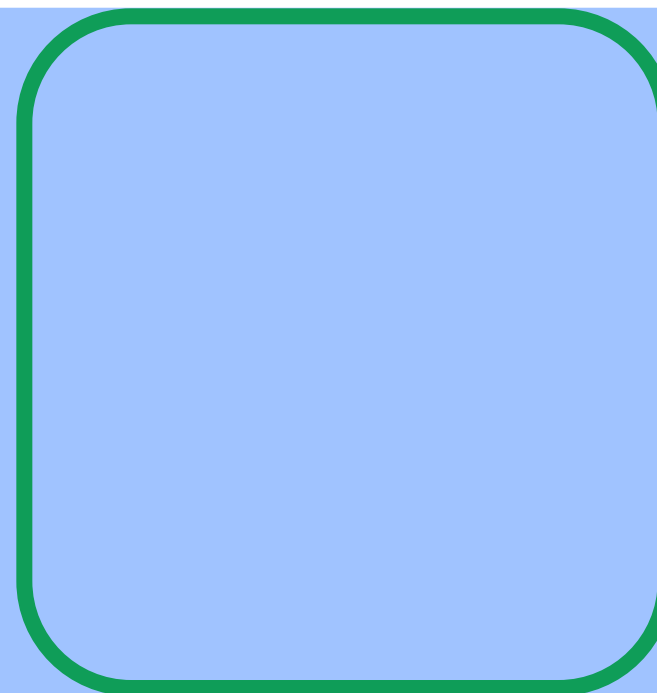
Your Cluster



create pod "bar"



foo



Your Cluster

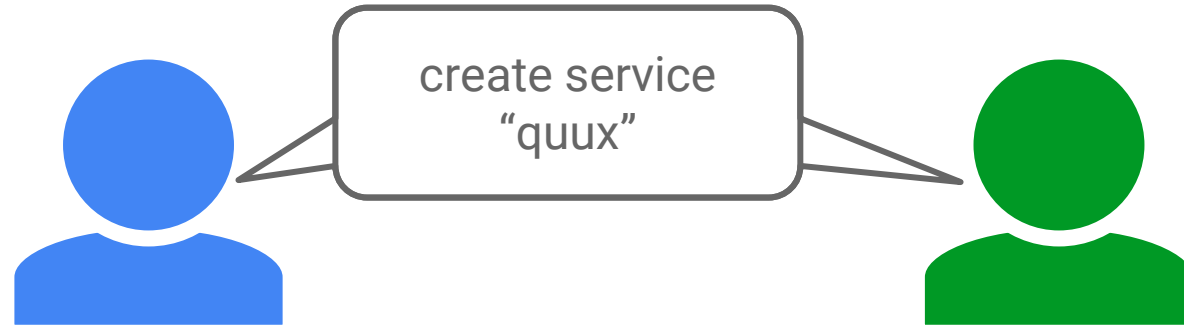


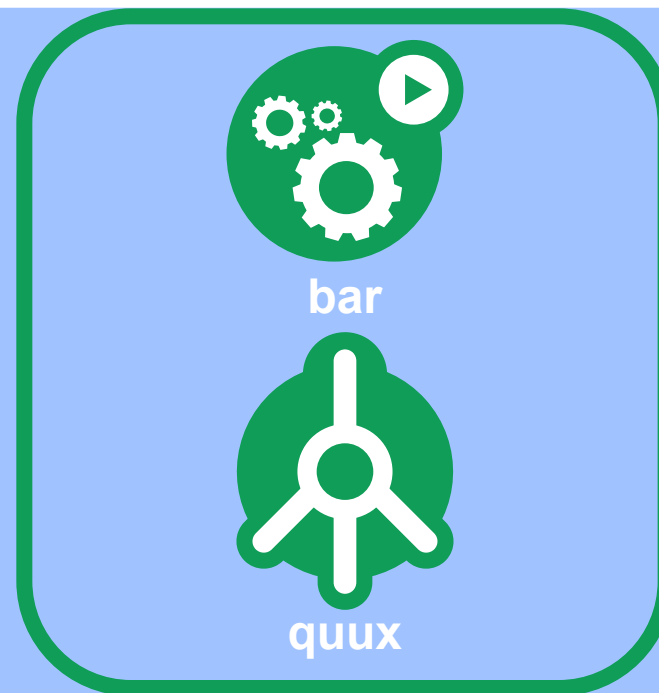
foo



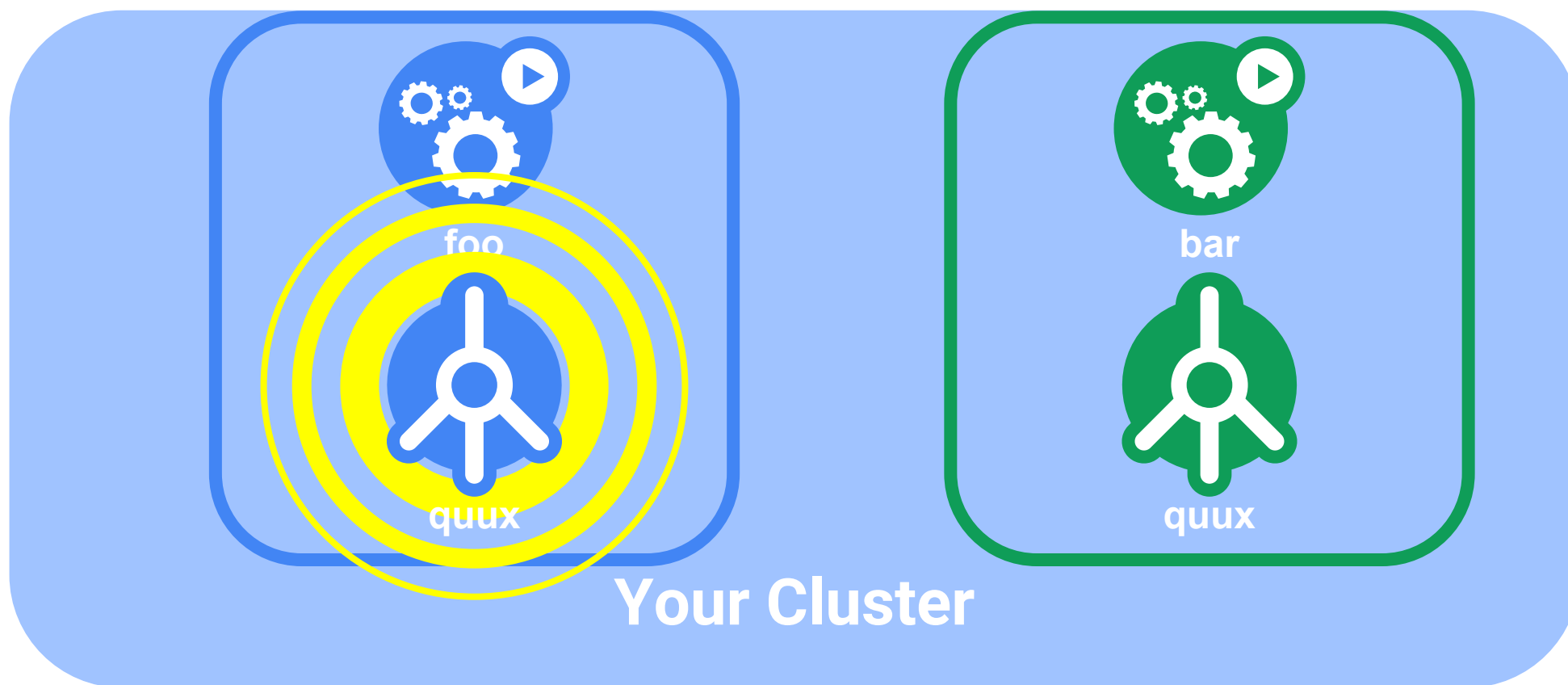
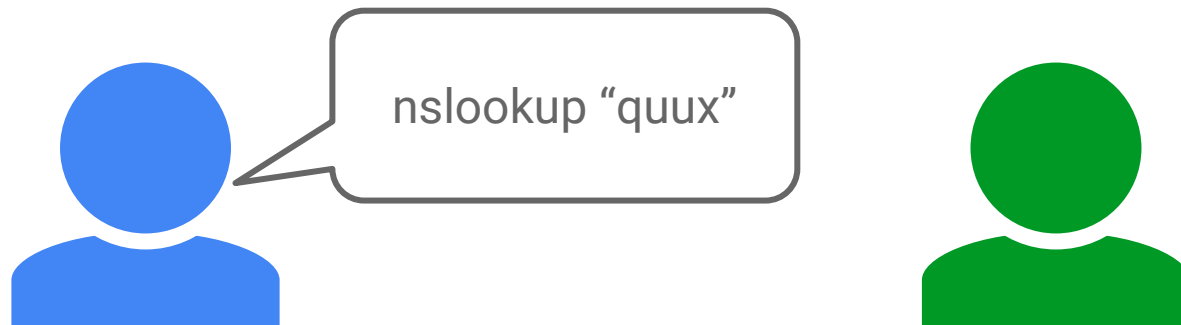
bar

Your Cluster



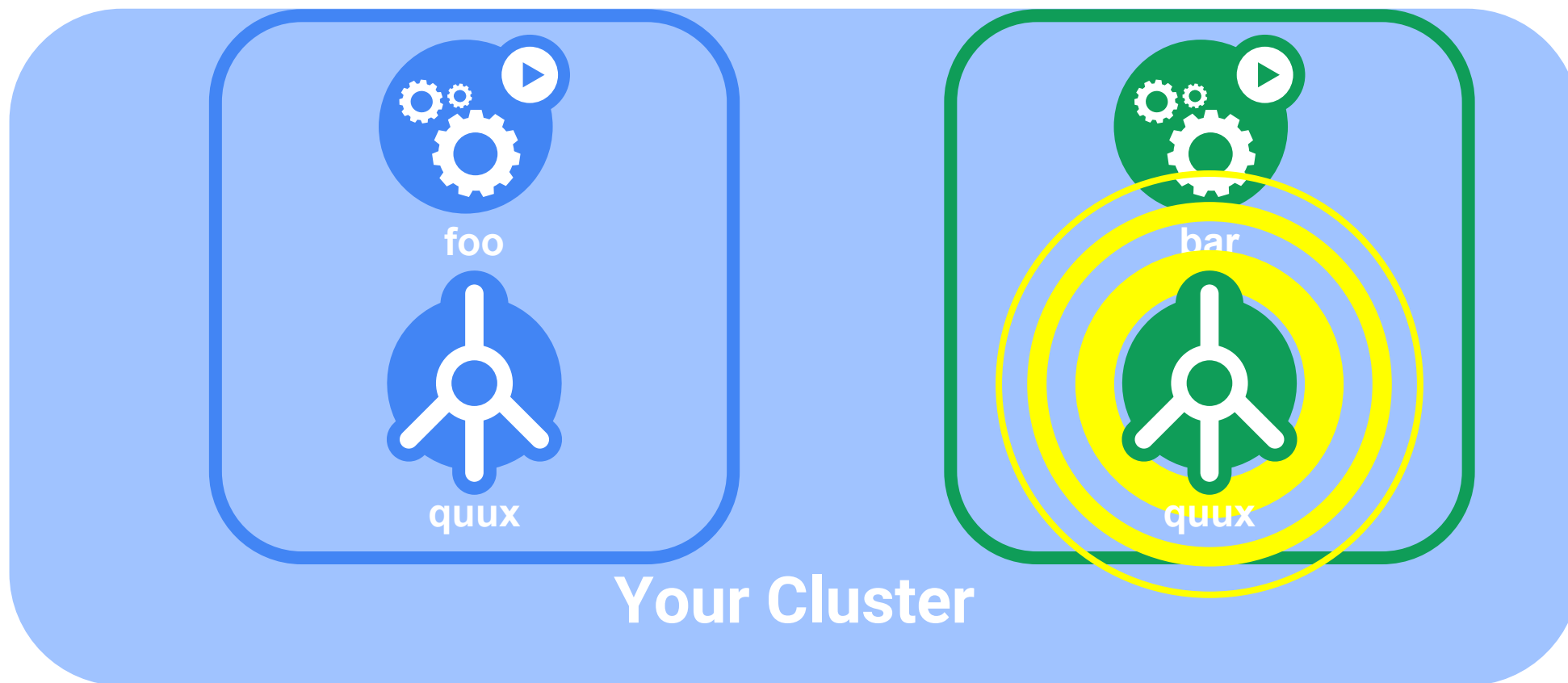
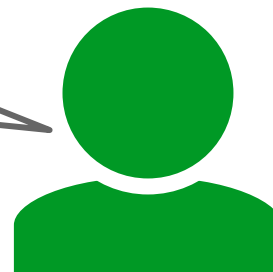


Your Cluster

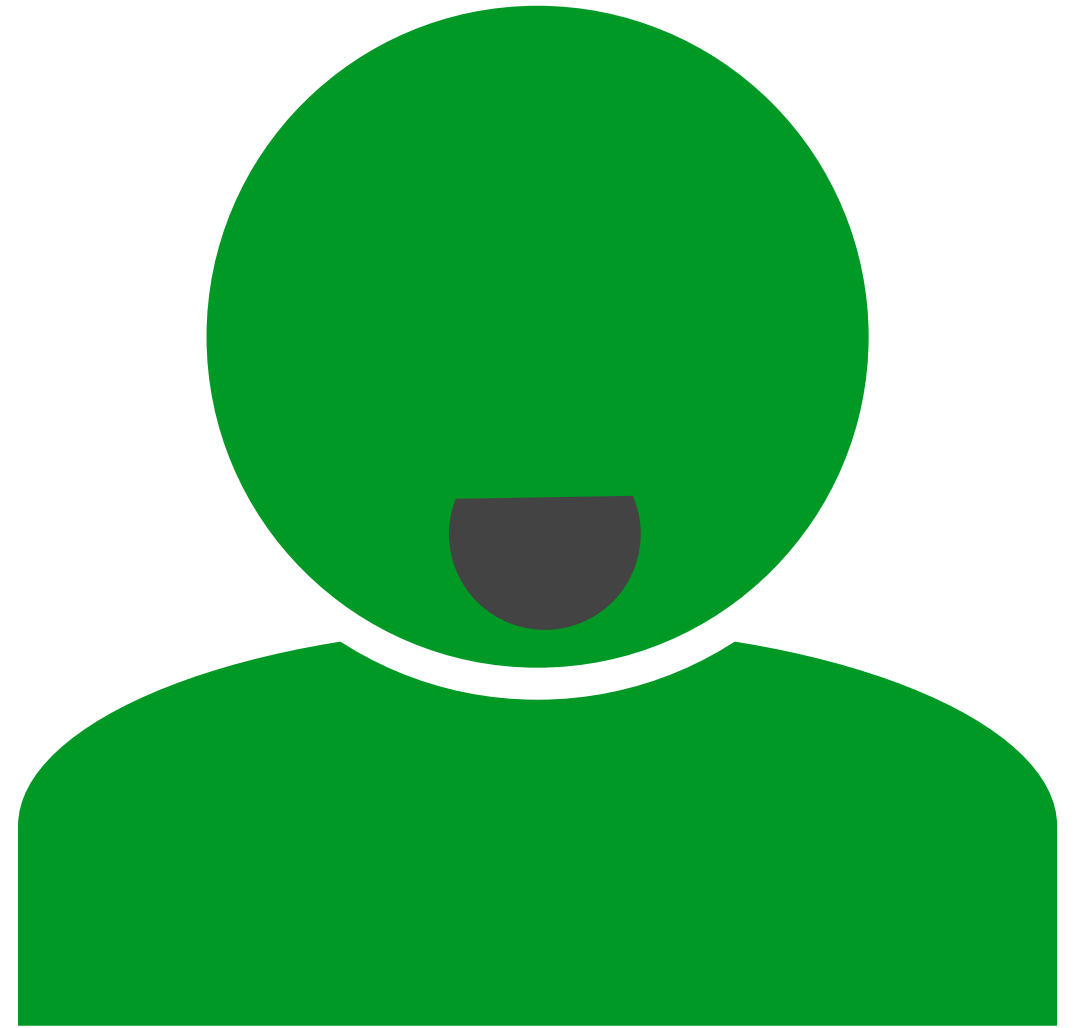




nslookup "quux"



Your Cluster



Further reading:

<http://kubernetes.io/docs/user-guide/namespaces/>

<http://blog.kubernetes.io/2016/08/kubernetes-namespaces-use-cases-insights.html>

<https://www.ianlewis.org/en/using-kubernetes-namespaces-manage-environments>