

Lens - The Kubernetes IDE

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Lens Open Source Project (OpenLens)

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The Repository

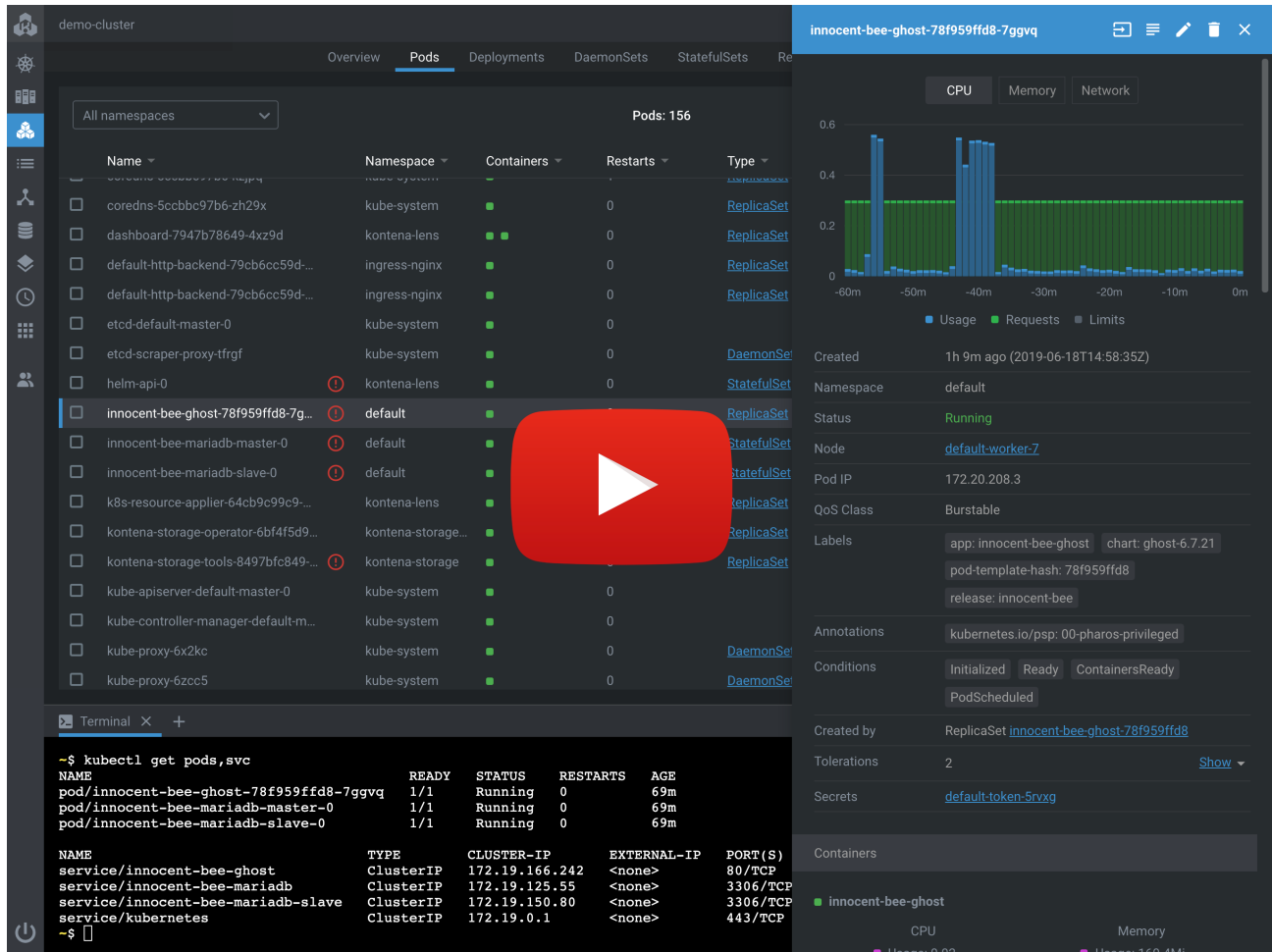
This repository ("OpenLens") is where Team Lens develops the [Lens IDE](#) product together with the community. It is backed by a number of Kubernetes and cloud native ecosystem pioneers. This source code is available to everyone under the [MIT license](#).

Lens - The Kubernetes IDE

Lens - The Kubernetes IDE ("Lens IDE") is a distribution of the OpenLens repository with Team Lens specific customizations released under a traditional [EULA](#).

Lens IDE provides the full situational awareness for everything that runs in Kubernetes. It's lowering the barrier of entry for people just getting started and radically improving productivity for people with more experience.

Lens IDE a standalone application for MacOS, Windows and Linux operating systems. You can download it free of charge for Windows, MacOS, and Linux from [Lens IDE website](#).



The screenshot displays the Lens IDE interface. On the left, a sidebar shows navigation options. The main area is divided into two panes. The left pane shows a list of pods in the 'demo-cluster' namespace, with columns for Name, Namespace, Containers, Restarts, and Type. The right pane shows a detailed view of the pod 'innocent-bee-ghost-78f959ffd8-7ggvq', including a CPU usage graph, status (Running), node information, and labels. A red play button is overlaid on the pod list.

Name	Namespace	Containers	Restarts	Type
coredns-5ccb97b6-zh29x	kube-system	1	0	ReplicaSet
dashboard-7947b78649-4xz9d	kontena-lens	2	0	ReplicaSet
default-http-backend-79cb6cc59d...	ingress-nginx	1	0	ReplicaSet
etcd-default-master-0	kube-system	1	0	DaemonSet
etcd-scraper-proxy-tfrgf	kube-system	1	0	DaemonSet
helm-api-0	kontena-lens	1	0	StatefulSet
innocent-bee-ghost-78f959ffd8-7g...	default	1	0	ReplicaSet
innocent-bee-mariadb-master-0	default	1	0	StatefulSet
innocent-bee-mariadb-slave-0	default	1	0	StatefulSet
k8s-resource-applier-64cb9c99c9...	kontena-lens	1	0	ReplicaSet
kontena-storage-operator-6bf4f5d9...	kontena-storage...	1	0	ReplicaSet
kontena-storage-tools-8497bfc849...	kontena-storage	1	0	ReplicaSet
kube-apiserver-default-master-0	kube-system	1	0	DaemonSet
kube-controller-manager-default-m...	kube-system	1	0	DaemonSet
kube-proxy-6x2kc	kube-system	1	0	DaemonSet
kube-proxy-6zcc5	kube-system	1	0	DaemonSet

```
~$ kubectl get pods,svc
NAME                                READY   STATUS    RESTARTS   AGE
pod/innocent-bee-ghost-78f959ffd8-7ggvq   1/1     Running   0           69m
pod/innocent-bee-mariadb-master-0         1/1     Running   0           69m
pod/innocent-bee-mariadb-slave-0          1/1     Running   0           69m

NAME                                TYPE          CLUSTER-IP      EXTERNAL-IP   PORT(S)
service/innocent-bee-ghost            ClusterIP     172.19.166.242  <none>        80/TCP
service/innocent-bee-mariadb          ClusterIP     172.19.125.55  <none>        3306/TCP
service/innocent-bee-mariadb-slave    ClusterIP     172.19.150.80  <none>        3306/TCP
service/kubernetes                    ClusterIP     172.19.0.1     <none>        443/TCP
```

🔗 Installation

See [Getting Started](#) page.

🔗 Development

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Languages

