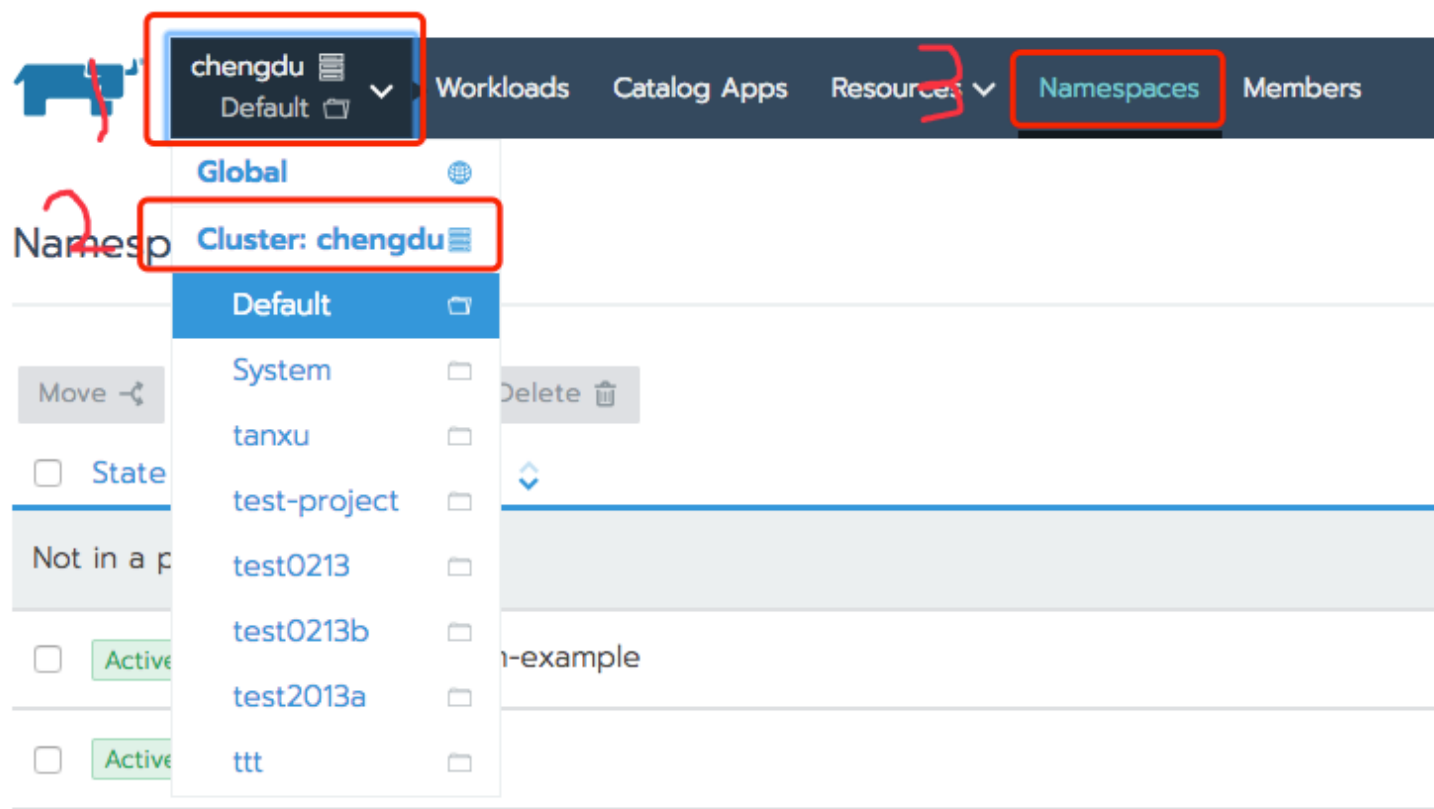
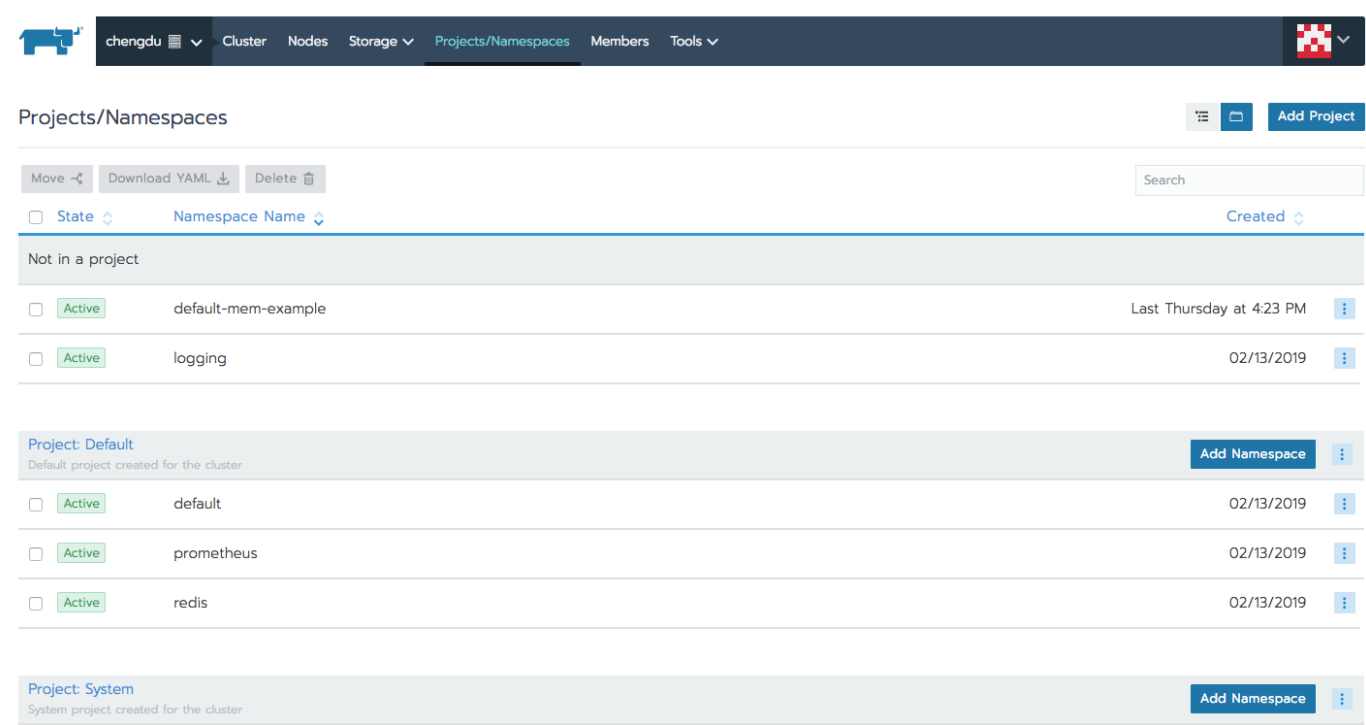


1. 管理namespace

点击左上角global, 选择一个cluster, 在点击namespace界面可以找到namespace管理界面.



点击add namespace 可以添加namespace. 点击 可以编辑查看namespace.



图中可以看到project, project是用来组织namespace的一个抽象层, project和namespace并不一一对应. namespace可以在project之间移动.

2. 管理node节点

点击左上角global, 选择一个cluster, 在点击Nodes可以找到nodes管理界面.

Nodes

Cluster: chengdu

Roles	Version	CPU	RAM	Pods
etcd Control Plane	v1.13.1 17.3.2	0.2/32 Cores	0.1/126 GiB	3/110
Worker	v1.13.1 18.6.1	0.6/32 Cores	2.3/126 GiB	29/110
Worker	v1.13.1 17.3.2	0.6/24 Cores	0.9/126 GiB	24/110

点击  可以删除或者添加node的label, 不能删除node.

3. 管理PV和StorageClass

选择一个cluster, 点击Storage可以进入Persistent Volume和Storage Classes.

Persistent Volumes

State	Name	Persistent Volume Claim	Source
Bound	myvolume1	test3/hello	NFS Share

4. 管理Deployment, DaemonSet, StatefulSet, Cronjob, job

进入一个cluster, 进入一个project. 点击Workloads, 然后点击下一级的workloads, 进入管理页面.



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State Name Image Scale

Namespace: distributed-jmeter

<input type="checkbox"/>	▶	Active	distributed-jmeter-master	pedrocesarti/jmeter-docker:3.3 1 Pod / Created 7 days ago	1	⋮
<input type="checkbox"/>	▶	Active	distributed-jmeter-server	pedrocesarti/jmeter-docker:3.3 3 Pods / Created 7 days ago	3	⋮

Namespace: efk

<input type="checkbox"/>	▶	Active	efk-elasticsearch 30923/tcp, 32314/tcp	docker.elastic.co/elasticsearch/elasticsearch-... 3 Pods / Created 7 days ago	3	⋮
<input type="checkbox"/>	▶	Active	efk-fluent-bit	fluent/fluent-bit:0.13.0 2 Pods / Created 7 days ago	1 per node	⋮
<input type="checkbox"/>	▶	Active	efk-kibana 80/http, 31634/tcp	docker.elastic.co/kibana/kibana-oss:6.2.4 1 Pod / Created 7 days ago	1	⋮

Namespace: test2

<input type="checkbox"/>	▶	Active	myapp3	busybox 3 Pods / Created 6 days ago	3	⋮
--------------------------	---	--------	--------	--	---	---

Deploy

部署 Deployment, DaemonSet, StatefulSet, Cronjob, job, 点击 出现界面



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Deploy Workload

Name *

Add a Description

Workload Type

More options

e.g. myapp

Scalable deployment of 1 pod

Docker Image *

Add to a new namespace

busybox

distributed-jmeter

Port Mapping

+ Add Port

Expand All

Environment Variables

Set the environment that will be visible to the container, including injecting values from other resources like Secrets.

Node Scheduling

Configure what nodes the pods can be deployed to.

Health Check

Periodically make a request to the container to see if it is alive and responding correctly.

Volumes

Persist and share data separate from the lifecycle of an individual container.

Scaling/Upgrade Policy

Configure how pods are replaced when performing an upgrade.

Show advanced options

点击More options出现界面, 可以选择workload的类型, 填入Name, Docker Images和 namespace等级本参数就可以创建一个 Deployment, DaemonSet, StatefulSet, Cronjob, job了.



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Deploy Workload

Name *

[Add a Description](#)

e.g. myapp

Workload Type

- ☒ Scalable deployment of 1 pod
- ☐ Run one pod on each node
- ☐ Stateful set of 1 pod
- ☐ Run on a cron schedule
- ☐ Job

Docker Image *

busybox

Namespace *

[Add to a new namespace](#)

distributed-jmeter

Port Mapping

+ Add Port

[Expand All](#)

Environment Variables

Set the environment that will be visible to the container, including injecting values from other resources like Secrets.

Node Scheduling

Configure what nodes the pods can be deployed to.

Health Check

Periodically make a request to the container to see if it is alive and responding correctly.

Volumes

Persist and share data separate from the lifecycle of an individual container.

Launch

点击页面下方的

按钮, 就部署好了一个workload.



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State Name Image Scale

Namespace: distributed-jmeter

<input type="checkbox"/>	Active	distributed-jmeter-master	pedrocesarti/jmeter-docker:3.3 1 Pod / Created 7 days ago	1
<input type="checkbox"/>	Active	distributed-jmeter-server	pedrocesarti/jmeter-docker:3.3 3 Pods / Created 7 days ago	3

Namespace: efk

<input type="checkbox"/>	Active	efk-elasticsearch 30923/tcp, 32314/tcp	docker.elastic.co/elasticsearch/elasticsearch... 3 Pods / Created 7 days ago	3
<input type="checkbox"/>	Active	efk-fluent-bit	fluent/fluent-bit:0.13.0 2 Pods / Created 7 days ago	1 per node
<input type="checkbox"/>	Active	efk-kibana 80/http, 31634/tcp	docker.elastic.co/kibana/kibana-oss:6.2.4 1 Pod / Created 7 days ago	1

Namespace: myapp4

<input type="checkbox"/>	Updating	myapp4 Upgrading workload	busybox 2 Pods / Created a few seconds ago	1 per node
--------------------------	----------	------------------------------	---	------------

Namespace: test2

<input type="checkbox"/>	Active	myapp3	busybox 3 Pods / Created 6 days ago	3
--------------------------	--------	--------	--	---

通过图中小条的颜色可以看到部署的进度, 红色表示未部署好, 绿色表示部署完成. 部分红色和绿色表示部分部署完成.

5. 管理Ingress

选一个

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Download YAML Delete Search

State	Name	Targets	Created
Namespace: efk			
Active	efk-kibana L7 Ingress	efk-kibana.efk.10.0.0.32.xip.io > efk-kibana	02/13/2019

点击Add ingress

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Add Ingress

Name Add a Description Namespace * Add to a new namespace

e.g. website distributed-jmeter

Rules

☒ Automatically generate a .xip.io hostname
☐ Specify a hostname to use
☐ Use as the default backend

Target Backend + Service + Workload

Path	Target	Port *
e.g. /foo	Choose a Workload...	e.g. 80

+ Add Rule


Save

填入name和namespace, 还需要选择backend是service还是workload. 填入path 点击下拉款立了一个ingress.

就建




点击可以编辑和删除ingress



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Download YAMLDel

Search

<input type="checkbox"/>	State	Name	Targets	Created
Namespace: efk				
<input type="checkbox"/>	Active	efk-kibana L7 Ingress	efk-kibana.efk.10.0.0.32.xip.io > efk-kibana	02/13/2019

EditCloneView/Edit YAMLView in APIDelete

6. 管理服务

进入一个project选择workload然后点击service discovery进入管理页面.



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Add Record

Download YAML

Delete

Search

State Name Type Target

Namespace: distributed-jmeter

<input type="checkbox"/>	Active	distributed-jmeter-server	Selector	app.kubernetes.io/component=server app.kubernetes.io/instance=distributed-jmeter app.kubernetes.io/name=distributed-jmeter
--------------------------	--------	---------------------------	----------	--

Namespace: efk

<input type="checkbox"/>	Active	efk-elasticsearch Cluster IP: 10.43.84.62	Selector	app=elasticsearch component=master release=efk
<input type="checkbox"/>	Active	efk-kibana Cluster IP: 10.43.238.170	Selector	app=kibana release=efk

Namespace: myapp4

<input type="checkbox"/>	Active	myapp4	Workload	myapp4
--------------------------	--------	--------	----------	--------

Namespace: test2

<input type="checkbox"/>	Active	myapp3	Workload	myapp3
--------------------------	--------	--------	----------	--------

v2.1.6 Help & Docs Forums Slack File an Issue

English Download CLI

Add Record

点击 可以添加一个service



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Add Record

Name * Add a Description Namespace * Add to a new namespace

e.g. myapp distributed-jmeter

Resolves To

☒ One or more external IP addresses

☐ An external hostname

☐ Alias of another DNS record's value

☐ One or more workloads

☐ The set of pods which match a selector

Target IP Addresses

e.g. 19.82.2.24

+ Add Target IP

ProTip: Paste one or more lines of values into any field for easy bulk entry.

Create Cancel

7. 管理PVC

进入一个project选择workload然后点击volumes



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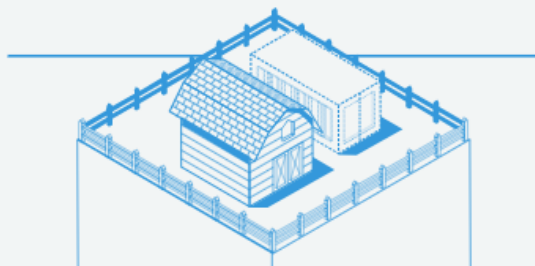
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Add Volume



+ Add Volume

+ Add Volume

点击

添加一个pvc



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Add Volume Claim

Name

Add a Description

Namespace *

Add to a new namespace

e.g. myvolume

distributed-jmeter

Source

☒ Use a Storage Class to provision a new persistent volume

☐ Use an existing persistent volume

Storage Class

Use the default class

Capacity *

GiB

Customize

Customize Advanced options

Access Modes

☒ Single Node Read-Write

☐ Many Nodes Read-Only

☐ Many Nodes Read-Write

Create

Cancel

这里可以选择是使用pv还是storageclass, 还有Access mode.

8. 管理workload

进入一个project选中workload, 点击pod的名称



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Search

	State	Name	Image	Scale
Namespace: distributed-jmeter				
<input type="checkbox"/>	Active	distributed-jmeter-master	pedrocesarti/jmeter-docker:3.3 1 Pod / Created 7 days ago	1
<input type="checkbox"/>	Active	distributed-jmeter-server	pedrocesarti/jmeter-docker:3.3 3 Pods / Created 7 days ago	3

Namespace: efk				
<input type="checkbox"/>	Active	efk-elasticsearch	docker.elastic.co/elasticsearch/elasticsearch... 30923/tcp, 32314/tcp 3 Pods / Created 7 days ago	3
<input type="checkbox"/>	Active	efk-fluent-bit	fluent/fluent-bit:0.13.0 2 Pods / Created 7 days ago	1 per node
<input type="checkbox"/>	Active	efk-kibana	docker.elastic.co/kibana/kibana-oss:6.2.4 80/http, 31634/tcp 1 Pod / Created 7 days ago	1

进入pod页面



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Workload: distributed-jmeter-master

Active



Namespace: distributed-jmeter

Image: pedrocesarti/jmeter-docker:3.3

Workload Type: Deployment

Endpoints: n/a

Scale: 1



Created: 02/13/2019

Expand All

Pods

Pods in this workload

Download YAML

Delete

<input type="checkbox"/>	State	Name	Image	Node	IP Address	
<input type="checkbox"/>	Running	distributed-jmeter-master-787cb8df78-gjl9b	pedrocesarti/jmeter-docker:3.3	worker2 10.0.0.33	10.42.1.17	

Events

Events of current Deployment

Environment Variables

Environment Variables that were added at creation.

Ports

Mappings of container listening ports to host ports on public IP addresses

Node Scheduling

Configure what nodes the pods can be deployed to.

Health Check

Periodically make a request to the container to see if it is alive and responding correctly.

Scaling/Upgrade Policy

Configure how pods are replaced when performing an upgrade.

点击scale的加号和减号可以增加和减少replica set, 下面的选项可以点开, 可以看到具体信息.



点击 可以修改和删除pod.



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Workload: distributed-jmeter-master

Active



- Edit
- Clone
- Redeploy
- Add a Sidecar
- Rollback
- Execute Shell
- Pause Orchestration
- View/Edit YAML
- View in API
- Delete

Namespace: distributed-jmeter	Image: pedrocesarti/jmeter-docker:3.3	Workload
-------------------------------	---------------------------------------	----------

Endpoints: n/a	Scale: 1	Create
----------------	----------	--------

Pods					
Pods in this workload					
Download YAML		Delete			
State	Name	Image	Node	IP Address	
<input type="checkbox"/> Running	distributed-jmeter-master-787cb8df78-gjlhb	pedrocesarti/jmeter-docker:3.3	worker2 10.0.0.33	10.42.1.17	

Events
Events of current Deployment

▼ Environment Variables

Environment Variables that were added at creation.

Search

Key ↕

Value ↕

如果选择的是daemonset会发现scale的加减号是灰色的, 因为每个node固定一个daemonset, 不可改变.



Workload: myapp4

Active



Namespace: myapp4

Image: busybox

Workload Type: Daemon Set

Endpoints: n/a

Scale: 1 per node



Created: 3:33 PM

Expand All

Pods

Pods in this workload

Download YAML

Delete

<input type="checkbox"/>	State	Name	Image	Node	IP Address	
<input type="checkbox"/>	Running	myapp4-h6v6j	busybox	worker2 10.0.0.33	10.42.1.44	
<input type="checkbox"/>	Running	myapp4-gss5n	busybox	worker1 10.0.0.32	10.42.2.58	

Events

Events of current Daemon Set

Environment Variables

Environment Variables that were added at creation.

Ports

Mappings of container listening ports to host ports on public IP addresses

Node Scheduling

Configure what nodes the pods can be deployed to.

Health Check

Periodically make a request to the container to see if it is alive and responding correctly.

9. 导入yaml文件直接创建资源

Import YAML

点击



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Delete

Search

State Name Image Scale

Namespace: distributed-jmeter

<input type="checkbox"/>	▶	Active	distributed-jmeter-master	pedrocesarti/jmeter-docker:3.3 1 Pod / Created 7 days ago	1	⋮
<input type="checkbox"/>	▶	Active	distributed-jmeter-server	pedrocesarti/jmeter-docker:3.3 3 Pods / Created 7 days ago	3	⋮

Namespace: efk

<input type="checkbox"/>	▶	Active	efk-elasticsearch	docker.elastic.co/elasticsearch/elasticsearch... 30923/tcp, 32314/tcp 3 Pods / Created 7 days ago	3	⋮
<input type="checkbox"/>	▶	Active	efk-fluent-bit	fluent/fluent-bit:0.13.0 2 Pods / Created 7 days ago	1 per node	⋮
<input type="checkbox"/>	▶	Active	efk-kibana	docker.elastic.co/kibana/kibana-oss:6.2.4 80/http, 31634/tcp 1 Pod / Created 7 days ago	1	⋮

进入

Import YAML

Read from a file

1

Import Mode

- ☐ Cluster: Direct import of any resources into this cluster
- ☒ Project: Import resources into this project
- ☐ Namespace: Import all resources into a specific namespace

Default Namespace *

Add to a new namespace

distributed-jmeter

Resources that do not specify a namespace will be imported into the selected default.

If a resource specifies a namespace that doesn't exist, it will be created and added to this project.

Import

Cancel




Read from a file

选择导入的类型, 也可以选择从本地读取

10.管理Configmap 和 secrets

进入一个project, 选择Resources出现一个选项列表, 选择ConfigMap或者Secrets



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AlertsCertificatesConfig MapsLoggingPipelineRegistriesSecrets

Add Alert

Project Alerts

DeactivateDelete

StateNameTargetConditionNotifiers

☐ Active

Alert for Workload
Built-in Alert for Workload

Workload
app=workload

0% available

N/A