

 [kubernetes](#) / [kubernetes](#) Public

<> Code

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Pull requests 673

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Security

Commit 2c4b3a5



 **jbeda** committed on Jun 6, 2014 · ✓ 11 / 11

First commit

 master ·  v1.35.0-alpha.0 ··· v0.2

0 parents commit 2c4b3a5 

 **250 files changed** +47501 -0 lines changed

↑ Top



Q Filter files...



 .gitignore

 LICENSE

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- + encode.go
- + encode_test.go
- + parserc.go
- + readerc.go
- + resolve.go
- + scannerc.go
- + sorter.go
- + suite_test.go
- + writerc.go
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- + yamlh.go
- + yamlprivateh.go
- + update.sh

 **Some content is hidden** 

Large Commits have some content hidden by default. Use the searchbox below for content that may be hidden.

 **250 files changed** +47501 -0 lines changed



▼ .gitignore 

+17  ...

```
... @@ -0,0 +1,17 @@
1 + # OSX leaves these everywhere on SMB shares
2 + ._*
3 +
4 + # Eclipse files
5 + .classpath
```

```
6 + .project
7 + .settings/**
8 +
9 + # This is where the result of the go build goes
10 + /target/**
11 + /target
12 +
13 + # This is where we stage releases
14 + /release/**
15 +
16 + # Emacs save files
17 + *~
```

▼ LICENSE 

+202  ...

... @@ -0,0 +1,202 @@

```
1 +
2 +
3 + Apache License
4 + Version 2.0, January 2004
5 + http://www.apache.org/licenses/
```

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15 +
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22 + outstanding shares, or (iii) beneficial ownership of such entity.
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174 + incurred by, or claims asserted against, such Contributor by reason
175 + of your accepting any such warranty or additional liability.
176 +

```

```

177 + END OF TERMS AND CONDITIONS
178 +

```

```

179 + APPENDIX: How to apply the Apache License to your work.
180 +

```

```

181 + To apply the Apache License to your work, attach the following
182 + boilerplate notice, with the fields enclosed by brackets "[ ]"
183 + replaced with your own identifying information. (Don't include
184 + the brackets!) The text should be enclosed in the appropriate
185 + comment syntax for the file format. We also recommend that a
186 + file or class name and description of purpose be included on the

```

```

187 +     same "printed page" as the copyright notice for easier
188 +     identification within third-party archives.
189 +
190 +     Copyright [yyyy] [name of copyright owner]
191 +
192 +     Licensed under the Apache License, Version 2.0 (the "License");
193 +     you may not use this file except in compliance with the License.
194 +     You may obtain a copy of the License at
195 +
196 +     http://www.apache.org/licenses/LICENSE-2.0
197 +
198 +     Unless required by applicable law or agreed to in writing, software
199 +     distributed under the License is distributed on an "AS IS" BASIS,

```

▼ README.md 

+128 

  ...

... @@ -0,0 +1,128 @@

1 + # Kubernetes

2 +

3 + Kubernetes is an open source reference implementation of container cluster
management.

4 +

5 + ## Getting started on Google Compute Engine

6 +

7 + ### Prerequisites

8 +

9 + 1. You need a Google Cloud Platform account with billing enabled. Visit
<http://cloud.google.com/console> for more details

10 + 2. You must have Go installed: [\[www.golang.org\]](http://www.golang.org)(<http://www.golang.org>)

11 + 3. Ensure that your `gcloud` components are up-to-date by running `gcloud components
update`.

12 + 4. Get the Kubernetes source: `git clone
<https://github.com/GoogleCloudPlatform/kubernetes.git>`

13 +

14 + ### Setup

15 + ```

16 + cd kubernetes

17 + ./src/scripts/dev-build-and-up.sh

18 + ```

19 +

20 + ### Running a container (simple version)

21 + ```

```
22 + cd kubernetes
23 + ./src/scripts/build-go.sh
24 + ./src/scripts/cloudcfg.sh -p 8080:80 run dockerfile/nginx 2 myNginx
25 + ```
26 +
27 + This will spin up two containers running Nginx mapping port 80 to 8080.
28 +
29 + To stop the container:
30 + ```
31 + ./src/scripts/cloudcfg.sh stop myNginx
32 + ```
33 +
34 + To delete the container:
35 + ```
36 + ./src/scripts/cloudcfg.sh rm myNginx
37 + ```
38 +
39 + ### Running a container (more complete version)
40 + ```
41 + cd kubernetes
```

```
42 + ./src/scripts/cloudcfg.sh -c examples/task.json create /tasks
43 + ```
44 +
45 + Where task.json contains something like:
46 + ```
47 + {
48 +   "ID": "nginx",
49 +   "desiredState": {
50 +     "image": "dockerfile/nginx",
51 +     "networkPorts": [{
52 +       "containerPort": 80,
53 +       "hostPort": 8080
54 +     }]
55 +   },
56 +   "labels": {
57 +     "name": "foo"
58 +   }
59 + }
60 + ```
61 +
```

```
62 + Look in the ``examples/`` for more examples
63 +
64 + ### Tearing down the cluster
65 + ``
66 + cd kubernetes
67 + ./src/scripts/kube-down.sh
68 + ``
69 +
70 + ## Development
71 +
72 + ### Hooks
73 + ``
74 + # Before committing any changes, please link/copy these hooks into your .git
75 + # directory. This will keep you from accidentally committing non-gofmt'd
76 + # go code.
77 + cd kubernetes
78 + ln -s "../hooks/prepare-commit-msg" .git/hooks/prepare-commit-msg
79 + ln -s "../hooks/commit-msg" .git/hooks/commit-msg
80 + ``
81 +
```

```
82 + ### Unit tests
83 + ``
84 + cd kubernetes
85 + ./src/scripts/test-go.sh
86 + ``
87 +
88 + ### Coverage
89 + ``
90 + cd kubernetes
91 + go tool cover -html=target/c.out
92 + ``
93 +
94 + ### Integration tests
95 + ``
96 + # You need an etcd somewhere in your path.
97 + # To get from head:
98 + go get github.com/coreos/etcd
99 + go install github.com/coreos/etcd
100 + sudo ln -s "$GOPATH/bin/etcd" /usr/bin/etcd
101 + # Or just use the packaged one:
```

```
102 + sudo ln -s "$REPO_ROOT/target/bin/etcd" /usr/bin/etcd
103 + ```
104 +
105 + ```
106 + cd kubernetes
107 + ./src/scripts/integration-test.sh
108 + ```
109 +
110 + ### Keeping your development fork in sync
111 + One time after cloning your forked repo:
112 + ```
113 + git remote add upstream https://github.com/GoogleCloudPlatform/kubernetes.git
114 + ```
115 +
116 + Then each time you want to sync to upstream:
117 + ```
118 + git fetch upstream
119 + git rebase upstream/master
120 + ```
121 +
122 + ### Regenerating the documentation
123 + Install [nodejs](http://nodejs.org/download/), [npm](https://www.npmjs.org/), and
124 + [raml2html](https://github.com/kevinrenskers/raml2html), then run:
125 + ```
126 + cd kubernetes/api
127 + raml2html kubernetes.raml > kubernetes.html
128 + ```
```

Comments 16



Mansour-J on Jun 2, 2019



what a legendary first commit



34



7



4



5



KrustyHack on Jun 7, 2020



Happy 6th birthday ! 🍀 🧑🏻🧑🏻



TheRedPandaDev on Oct 9, 2021



Thomas was here



xinghui on Nov 8, 2021



first commit. [STAMP]



lleriayo on Feb 21, 2022



Commit LGTM. 🙄



able8 on Mar 11, 2022

Contributor



Cool.



garrygk on Apr 25, 2022



w commit



MahadMuhammad on Apr 25, 2023



YEAH, found the first commit 🎉





pacoxu on May 15, 2023

Member



almost 9 years



davids13 on Jun 24, 2023



Let's give a huge like for this first commit.



justintrs on Dec 25, 2023



and the rest is history



khalidbelk on Mar 29, 2024



Came here with [FirstCommitter](#) ❤️



ngoduykhanh on Jun 6, 2024



Today is 10 years of Kubernetes 🚀



dvquang10 on Jun 9, 2024



10 years, but now I'm just starting to use it, amazingggggg 🚀



scubar on Feb 13



Thanks!



mrwan2546 on Jun 7



Thank you for making this. It's made me easier 🔥



Please [sign in](#) to comment.