

Helm

x +

https://helm.sh

Racism is unacceptable, is incompatible with the Helm project goals, and has no place in our open source community. #BlackLivesMatter

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The package manager for Kubernetes



Helm is the best way to find, share,
and use software built for Kubernetes.

GEN KA?

Helm | Quickstart Guide x + https://helm.sh/docs/intro/quickstart/ ⭐ 🌐 🔍 🌐 ...

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Quickstart Guide

This guide covers how you can quickly get started using Helm.

Prerequisites

The following prerequisites are required for a successful and properly secured use of Helm.

1. A Kubernetes cluster
2. Deciding what security configurations to apply to your installation, if any
3. Installing and configuring Helm.

Install Kubernetes or have access to a cluster

- You must have Kubernetes installed. For the latest release of Helm, we recommend the latest stable release of Kubernetes, which in most cases is the second-latest minor release.
- You should also have a local configured copy of `kubectl`.

GEN KA?

Helm | Installing Helm +

https://helm.sh/docs/intro/install/ ☆ ≡ ...

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The Helm project is a package manager for Kubernetes. It makes it easy to install, upgrade, and manage applications running on Kubernetes.

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Settings

docker

Upgrade ⚙️ ⚡️ 🛡️

Kubernetes v1.19.3

Enable Kubernetes Start a Kubernetes single-node cluster when starting Docker Desktop.

Deploy Docker Stacks to Kubernetes by default Make Kubernetes the default orchestrator for "docker stack" commands (changes "-./docker/config.json")

Show system containers (advanced) Show Kubernetes internal containers when using Docker commands.

Reset Kubernetes Cluster

All stacks and Kubernetes resources will be deleted.

Cancel Apply & Restart

Helm now has an installer script that will automatically grab the latest version of Helm and [install it locally](#).

You can fetch that script, and then execute it locally. It's well documented so that you can read through it and understand what it is doing before you run it.

Helm | Installing Helm +

https://helm.sh/docs/intro/install/ ☆ ≡ ...

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MINGW64:/c/tutorials

genna@DESKTOP-TJSECLU MINGW64 /c/tutorials
\$ |

```
MINGW64:/c/tutorials
genna@DESKTOP-TJSECLU MINGW64 /c/tutorials
$ helm version
version.BuildInfo{Version:"v3.3.4", GitCommit:"a61ce5633af99708171414353ed49547cf05013d", GitTreeState:"clean", GoVersion:"go1.14.9"}
genna@DESKTOP-TJSECLU MINGW64 /c/tutorials
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```

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genna@DESKTOP-TJSECLU MINGW64 /c/tutorials
$ kubectl version
Client Version: version.Info{Major:"1", Minor:"19", GitVersion:"v1.19.3", GitCommit:"1e11e4a2108024935ecfc2912226cedeadf99df", GitTreeState:"clean", BuildDate:"2020-10-14T12:50:19Z", GoVersion:"go1.15.2", Compiler:"gc", Platform:"windows/amd64"}
Server Version: version.Info{Major:"1", Minor:"19", GitVersion:"v1.19.3", GitCommit:"1e11e4a2108024935ecfc2912226cedeadf99df", GitTreeState:"clean", BuildDate:"2020-10-14T12:41:49Z", GoVersion:"go1.15.2", Compiler:"gc", Platform:"linux/amd64"}
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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl config view
apiVersion: v1
clusters:
- cluster:
  certificate-authority-data: DATA+OMITTED
  server: https://kubernetes.docker.internal:6443
  name: docker-desktop
contexts:
- context:
  cluster: docker-desktop
  user: docker-desktop
  name: docker-desktop
current-context: docker-desktop
kind: Config
preferences: {}
users:
- name: docker-desktop
  user:
    client-certificate-data: REDACTED
    client-key-data: REDACTED
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

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Server Version: version.Info{Major:"1", Minor:"19", GitVersion:"v1.19.3", GitCommit:"1e11e4a2108024935ecfc2912226cedeadf99df", GitTreeState:"clean", BuildDate:"2020-10-14T12:41:49Z", GoVersion:"go1.15.2", Compiler:"gc", Platform:"linux/amd64"}
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apiVersion: v1
clusters:
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  certificate-authority-data: DATA+OMITTED
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contexts:
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  cluster: docker-desktop
  user: docker-desktop
  name: docker-desktop
current-context: docker-desktop
kind: Config
preferences: {}
users:
- name: docker-desktop
  user:
    client-certificate-data: REDACTED
    client-key-data: REDACTED
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$ docker ps
```

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\$ helm search hub

https://hub.helm.sh/charts/dniel/whoami	0.8.1	latest	Simple webserver used for diagnostics
https://hub.helm.sh/charts/cowboysysop/whoami	2.0.0	1.5.0	Tiny Go webserver that prints os information an...
https://hub.helm.sh/charts/flipenergy/whoogle	0.1.0	0.1.2	A Helm chart for Whoogle in Kubernetes
https://hub.helm.sh/charts/wener/wiki	2.1.0	latest	The most powerful and extensible open source Wi...
https://hub.helm.sh/charts/nicholaswilde/wikijs	0.1.4	2.5.170	The most powerful and extensible open source Wi...
https://hub.helm.sh/charts/choerodon/wiki-service	0.18.1	0.18.1	wiki-service for Choerodon
https://hub.helm.sh/charts/bitnami/wildfly	8.1.0	22.0.0	Chart for Wildfly
https://hub.helm.sh/charts/gitkent/wiremock	0.1.2	2.26.3	A Helm chart for Wiremock deployment on Kubernetes
https://hub.helm.sh/charts/wombat/wombat	3.7.0	3.7.0	An operations, monitoring, maintenance, and per...
https://hub.helm.sh/charts/cs3org/wopiserver	0.2.1	6.1.2	A Vendor-neutral Web-application Open Platform ...
https://hub.helm.sh/charts/groundhog2k/wordpress	0.2.5	5.6.0-apache	A Helm chart for Wordpress on Kubernetes
https://hub.helm.sh/charts/bitnami/wordpress	10.6.1	5.6.0	Web publishing platform for building blogs and ...
https://hub.helm.sh/charts/presslabs/wordpress-...	0.10.5	0.10.5	Presslabs WordPress Operator Helm Chart
https://hub.helm.sh/charts/presslabs/wordpress-...	0.10.3	v0.10.3	A Helm chart for deploying a WordPress site on ...
https://hub.helm.sh/charts/drycc-canary/workflow	1.0.0		Drycc Workflow
https://hub.helm.sh/charts/drycc/workflow	1.0.0		Drycc Workflow
https://hub.helm.sh/charts/hephy/workflow	2.22.3		Hephy Workflow
https://hub.helm.sh/charts/hephy/workflow-beta	2.22.3		Hephy Workflow
https://hub.helm.sh/charts/hephy/workflow-e2e	2.20.0		End-to-end tests for Deis Workflow, executed in...
https://hub.helm.sh/charts/hephy/workflow-manager	2.6.2		Hephy Workflow Manager: Cluster First Aid
https://hub.helm.sh/charts/choerodon/workflow-s...	0.24.0	0.24.0	workflow-service for Choerodon
https://hub.helm.sh/charts/seccurecodebox/wpscan	2.4.0	latest	A Helm chart for the WordPress security scanner...
https://hub.helm.sh/charts/dniel/www	0.8.1	master	A simple Jekyll static website to server some e...
https://hub.helm.sh/charts/enix/x509-exporter	1.1.4	2.1.0	A Prometheus exporter for certificates focusing...
https://hub.helm.sh/charts/k8s-at-home/xbackbone	1.0.0	3.3.3	XBackBone is a simple, self-hosted, lightweight...
https://hub.helm.sh/charts/brannnon/xmrig	0.1.1	5.8.2	Deploy Monero miners in a Kubernetes cluster
https://hub.helm.sh/charts/jfrog/xray	6.10.0	3.16.0	Universal component scan for security and licen...
https://hub.helm.sh/charts/k8s-at-home/xteve	4.2.1	2.1.2.0120	M3U Proxy for Plex DVR and Emby Live TV.
https://hub.helm.sh/charts/choerodon/xwiki	0.18.1	0.18.1	XWiki is a free wiki software platform written ...
https://hub.helm.sh/charts/keyporttech/xwiki	0.2.0	12.9.0	Helm chart for xwiki.
https://hub.helm.sh/charts/cronce/yadms	0.3.0	0.3.0	YADMS, or Yet Another Document Management Syste...
https://hub.helm.sh/charts/yourls/yourls	1.3.2	1.7.9	Your Own URL Shortener
https://hub.helm.sh/charts/youtubedl-material/y...	0.0.1		A Material Design frontend for youtube-dl
https://hub.helm.sh/charts/wener/yugabyte	2.5.1	2.5.1.0-b153	YugabyteDB is the high-performance distributed ...
https://hub.helm.sh/charts/yugabyte/yugabyte	2.5.1	2.5.1.0-b153	YugabyteDB is the high-performance distributed ...
https://hub.helm.sh/charts/yugabyte/yugaware	2.5.1	2.5.1.0-b153	YugaWare is YugaByte Database's Orchestration a...
https://hub.helm.sh/charts/yumimap/yumimap	0.1.0	0.1.0	A Helm chart for Yumimap Global ConfigMap
https://hub.helm.sh/charts/yunikorn/yunikorn	0.9.0	0.9.0	YuniKorn scheduler for Kubernetes
https://hub.helm.sh/charts/cetic/zabbix	0.2.1	5.0.4	Zabbix is a mature and effortless enterprise-cl...
https://hub.helm.sh/charts/fermosit/zabbix-serv...	0.0.6	4.4.0-latest	Zabbix monitoring server
https://hub.helm.sh/charts/zammad/zammad	3.3.0	3.6.0	Zammad is a web based open source helpdesk/cust...
https://hub.helm.sh/charts/seccurecodebox/zap	2.4.0	2.10.0	A Helm chart for the OWASP ZAP security scanner...
https://hub.helm.sh/charts/banzaicloud-stable/z...	0.0.20		A Helm chart for Kubernetes
https://hub.helm.sh/charts/slamdev/zeppelin	0.0.10	0.9.0	Helm chart to deploy [zeppelin](http://zeppelin...
https://hub.helm.sh/charts/banzaicloud-stable/z...	0.0.25		An umbrella Helm chart for Zeppelin and Spark
https://hub.helm.sh/charts/banzaicloud-stable/z...	0.1.2	0.0.4	Bridges events and allows you to control your Z...
https://hub.helm.sh/charts/k8s-at-home/zigbee2mqtt	5.0.0	1.17.0	Zipkin is a distributed tracing system. It help...
https://hub.helm.sh/charts/carlosjgp/zipkin	0.2.0	2.21.0	A Helm chart for Zipkin Stackdriver proxy
https://hub.helm.sh/charts/t3n/zipkin-gcp	1.0.0	0.15.2	A centralized service for maintaining configura...
https://hub.helm.sh/charts/kiwigrid/zipkin-stac...	0.1.0	v0.6.0	A Helm chart for three-node zookeeper cluster
https://hub.helm.sh/charts/bitnami/zookeeper	6.4.0	3.6.2	Pravega Zookeeper-operator Helm chart for Kuber...
https://hub.helm.sh/charts/ruguodangshi/zookeep...	0.1.0	3.4.10	Fully configurable Zwave to MQTT gateway and Co...
https://hub.helm.sh/charts/banzaicloud-stable/z...	0.3.0	0.2.8-rc0	Fully configurable Zwave to MQTT Gateway and Co...
https://hub.helm.sh/charts/k8s-at-home/zwave2mqtt	6.3.0	4.0.6	
https://hub.helm.sh/charts/k8s-at-home/zwavejs2...	1.1.0	1.0.0-alpha.2	

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```
https://hub.helm.sh/charts/k8s-at-home/xbackbone
https://hub.helm.sh/charts/brannon/xmrig
https://hub.helm.sh/charts/jfrog/xray
https://hub.helm.sh/charts/k8s-at-home/xteve
https://hub.helm.sh/charts/choerodon/xwiki
https://hub.helm.sh/charts/keyporttech/xwiki
https://hub.helm.sh/charts/cronce/yadms
https://hub.helm.sh/charts/yourls/yourls
https://hub.helm.sh/charts/youtubedl-material/y...
https://hub.helm.sh/charts/wener/yugabyte
https://hub.helm.sh/charts/yugabyte/yugabyte
https://hub.helm.sh/charts/yugabyte/yugaware
https://hub.helm.sh/charts/yumimap/yumimap
https://hub.helm.sh/charts/yunikorn/yunikorn
https://hub.helm.sh/charts/cetic/zabbix
https://hub.helm.sh/charts/fermosit/zabbix-serv...
https://hub.helm.sh/charts/zammad/zammad
https://hub.helm.sh/charts/seccurecodebox/zap
https://hub.helm.sh/charts/banzaicloud-stable/z...
https://hub.helm.sh/charts/slamdev/zeppelin
https://hub.helm.sh/charts/banzaicloud-stable/z...
https://hub.helm.sh/charts/banzaicloud-stable/z...
https://hub.helm.sh/charts/k8s-at-home/zigbee2mqtt
https://hub.helm.sh/charts/carlosjgp/zipkin
https://hub.helm.sh/charts/t3n/zipkin-gcp
https://hub.helm.sh/charts/kiwigrid/zipkin-stac...
https://hub.helm.sh/charts/bitnami/zookeeper
https://hub.helm.sh/charts/ruquodangshi/zookeep...
https://hub.helm.sh/charts/banzaicloud-stable/z...
https://hub.helm.sh/charts/k8s-at-home/zwave2mqtt
https://hub.helm.sh/charts/k8s-at-home/zwavejs2...
```

genna@DESKTOP-TJSECLU MINGW64 /c/tutorials
\$ helm search hub kafka

URL

```
https://hub.helm.sh/charts/bitnami/kafka
https://hub.helm.sh/charts/banzaicloud-stable/k...
https://hub.helm.sh/charts/openfaas/kafka-conne...
https://hub.helm.sh/charts/banzaicloud-stable/k...
https://hub.helm.sh/charts/dhiaint/kafka-topics-ui
https://hub.helm.sh/charts/gradiant/kafka-conne...
https://hub.helm.sh/charts/prometheus-community...
https://hub.helm.sh/charts/prometheus-worawutchi...
https://hub.helm.sh/charts/gkarthiks/prometheus...
https://hub.helm.sh/charts/seldon/seldon-core-k...
https://hub.helm.sh/charts/banzaicloud-stable/n...
https://hub.helm.sh/charts/akhq/akhq
https://hub.helm.sh/charts/cmak-operator/cmak-o...
https://hub.helm.sh/charts/touk/hermes
https://hub.helm.sh/charts/cetic/fadi
https://hub.helm.sh/charts/openfaas/mqtt-connector
https://hub.helm.sh/charts/touk/nussknacker
https://hub.helm.sh/charts/sitewhere/sitewhere
https://hub.helm.sh/charts/sitewhere/sitewhere-...
https://hub.helm.sh/charts/sitewhere/sitewhere-...
```

genna@DESKTOP-TJSECLU MINGW64 /c/tutorials
\$ |

URL	CHART VERSION	APP VERSION	DESCRIPTION
https://hub.helm.sh/charts/bitnami/kafka	12.7.4	2.7.0	Apache Kafka is a distributed streaming platform.
https://hub.helm.sh/charts/banzaicloud-stable/k...	0.3.3	2.0.0	Kafka cluster for kubernetes with native etcd s...
https://hub.helm.sh/charts/openfaas/kafka-conne...	0.5.1		Connect OpenFaaS functions to Kafka topics
https://hub.helm.sh/charts/banzaicloud-stable/k...	0.4.4	v0.14.0	kafka-operator manages Kafka deployments on Kub...
https://hub.helm.sh/charts/dhiaint/kafka-topics-ui	0.3.0	v0.9.4	This is a web tool for the confluentinc/kafka-r...
https://hub.helm.sh/charts/gradiant/kafka-conne...	0.1.0	0.9.7	Helm for Landoop/kafka-connect-ui
https://hub.helm.sh/charts/prometheus-community...	1.0.0	v1.2.0	A Helm chart to export the metrics from Kafka i...
https://hub.helm.sh/charts/prometheus-worawutchi...	0.2.0	v1.2.0	A Helm chart to export the metrics from Kafka i...
https://hub.helm.sh/charts/gkarthiks/prometheus...	0.1.3	v1.2.0	Prometheus metrics exporter for Kafka
https://hub.helm.sh/charts/seldon/seldon-core-k...	0.1.0		Seldon Core Kafka
https://hub.helm.sh/charts/banzaicloud-stable/n...	2.5.0	2.5.0	A Helm chart for Kubernetes
https://hub.helm.sh/charts/akhq/akhq	0.1.3	1.0	Kafka GUI for Apache Kafka to manage topics, to...
https://hub.helm.sh/charts/cmak-operator/cmak-o...	0.8.0	3.0.0.5-7e7a22e	Manage and vizualize Kafka clusters with CMAK (...)
https://hub.helm.sh/charts/touk/hermes	0.3.2	1.5.3	A Helm chart for Kubernetes of Hermes, a reliab...
https://hub.helm.sh/charts/cetic/fadi	0.2.7	0.2.7	FADI is a Cloud Native platform for Big Data ba...
https://hub.helm.sh/charts/openfaas/mqtt-connector	0.3.1	0.3.0	Connect OpenFaaS functions to MQTT
https://hub.helm.sh/charts/touk/nussknacker	0.1.4		Nussknacker - a design, development, and deploy...
https://hub.helm.sh/charts/sitewhere/sitewhere	0.2.9	2.1.1	Sitewhere is an industrial strength open-source...
https://hub.helm.sh/charts/sitewhere/sitewhere-...	0.2.8	2.1.1	Helm chart for Sitewhere core infrastructure co...
https://hub.helm.sh/charts/sitewhere/sitewhere-...	0.1.6	3.0.2	Sitewhere Infrastructure Helm Chart

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https://hub.helm.sh/charts/bitnami/kafka	12.7.4	2.7.0	Apache Kafka is a distributed streaming platform.
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https://hub.helm.sh/charts/openfaas/kafka-conne...	0.5.1		Connect OpenFaaS functions to Kafka topics
https://hub.helm.sh/charts/banzaicloud-stable/k...	0.4.4	v0.14.0	kafka-operator manages Kafka deployments on Kub...
https://hub.helm.sh/charts/dhiaint/kafka-topics-ui	0.3.0	v0.9.4	This is a web tool for the confluentinc/kafka-r...
https://hub.helm.sh/charts/gradiant/kafka-conne...	0.1.0	0.9.7	Helm for Landoop/kafka-connect-ui
https://hub.helm.sh/charts/prometheus-community...	1.0.0	v1.2.0	A Helm chart to export the metrics from Kafka i...
https://hub.helm.sh/charts/prometheus-worawutchi...	0.2.0	v1.2.0	A Helm chart to export the metrics from Kafka i...
https://hub.helm.sh/charts/gkarthiks/prometheus...	0.1.3	v1.2.0	Prometheus metrics exporter for Kafka
https://hub.helm.sh/charts/seldon/seldon-core-k...	0.1.0		Seldon Core Kafka
https://hub.helm.sh/charts/banzaicloud-stable/n...	2.5.0	2.5.0	A Helm chart for Kubernetes
https://hub.helm.sh/charts/akhq/akhq	0.1.3	1.0	Kafka GUI for Apache Kafka to manage topics, to...
https://hub.helm.sh/charts/cmak-operator/cmak-o...	0.8.0	3.0.0.5-7e7a22e	Manage and vizualize Kafka clusters with CMAK (...)
https://hub.helm.sh/charts/touk/hermes	0.3.2	1.5.3	A Helm chart for Kubernetes of Hermes, a reliab...
https://hub.helm.sh/charts/cetic/fadi	0.2.7	0.2.7	FADI is a Cloud Native platform for Big Data ba...
https://hub.helm.sh/charts/openfaas/mqtt-connector	0.3.1	0.3.0	Connect OpenFaaS functions to MQTT
https://hub.helm.sh/charts/touk/nussknacker	0.1.4		Nussknacker - a design, development, and deploy...
https://hub.helm.sh/charts/sitewhere/sitewhere	0.2.9	2.1.1	Sitewhere is an industrial strength open-source...
https://hub.helm.sh/charts/sitewhere/sitewhere-...	0.2.8	2.1.1	Helm chart for Sitewhere core infrastructure co...
https://hub.helm.sh/charts/sitewhere/sitewhere-...	0.1.6	3.0.2	Sitewhere Infrastructure Helm Chart

Helm | Installing Helm

Artifact Hub

https://artifacthub.io

Artifact HUB BETA

SIGN UP SIGN IN

Find, install and publish Kubernetes packages

Search packages

Tip: Use or to combine multiple searches. Example: `postgresql` or `mysql`

You can also [browse all packages](#) - or - try one of the sample queries:

Kubectl plugins Operators with auto pilot capabilities Helm plugins
Packages from verified publishers Packages of any kind related to etcd

2730 | 36216

PACKAGES RELEASES

Artifact Hub is an [Open Source project](#)

[GitHub](#) [Slack](#) [Twitter](#)

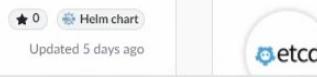
The screenshot shows the homepage of Artifact Hub. At the top, there's a search bar with placeholder text "Search packages". Below it is a tip: "Tip: Use or to combine multiple searches. Example: postgresql or mysql". There's also a section for sample queries: "You can also browse all packages - or - try one of the sample queries:" followed by several buttons for "Kubectl plugins", "Operators with auto pilot capabilities", "Helm plugins", "Packages from verified publishers", and "Packages of any kind related to etcd". Below this, two large numbers are displayed: "2730" under "PACKAGES" and "36216" under "RELEASES". Further down, it says "Artifact Hub is an Open Source project" with links to GitHub, Slack, and Twitter. The overall background is dark blue.

Explore and discover packages



trivy

ORG: secureCodeBox REPO: secureCodeBox



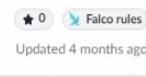
★ 0 Helm chart

Updated 5 days ago



etcd

ORG: Falco REPO: Security Hub



★ 0 Falco rules

Updated 4 months ago

GEN KA?

Helm | Installing Helm x Artifact Hub x +

https://artifacthub.io

Artifact HUB BETA SIGN UP SIGN IN ⚙️

Find, install and publish Kubernetes packages

grafana

Tip: Use or to combine multiple searches. Example: [postgresql](#) or [mysql](#)

You can also [browse all packages](#) - or - try one of the sample queries:

Kubectl plugins Operators with auto pilot capabilities Helm plugins
Packages from verified publishers Packages of any kind related to etcd

2730 | 36216

PACKAGES RELEASES

Artifact Hub is an [Open Source](#) project

[GitHub](#) [Slack](#) [Twitter](#)

Explore and discover packages

trivy

ORG: secureCodeBox REPO: secureCodeBox

★ 0 Helm chart Updated 5 days ago

etcd

ORG: Falco REPO: Security Hub

★ 0 Falco rules Updated 4 months ago

GEN KA?

The screenshot shows the Artifact Hub homepage with a search bar containing 'grafana'. Below the search bar is a tip about using 'or' for multiple searches. It also features sample queries like 'kubectl plugins', 'operators with auto pilot capabilities', 'helm plugins', 'packages from verified publishers', and 'packages of any kind related to etcd'. Key statistics are displayed: 2730 packages and 36216 releases. The page is identified as an 'Open Source project' and includes links to GitHub, Slack, and Twitter. At the bottom, there's a section titled 'Explore and discover packages' with cards for 'trivy' and 'etcd'.

Helm | Installing Helm x Artifact Hub x https://artifacthub.io/packages/search?page=1&ts_query_web=grafana

Artifact HUB BETA x ?

SIGN UP SIGN IN

1 - 20 of 38 results for "grafana" Show: 20 ▾

FILTERS

Official repositories 0
 Verified publishers 0

CATEGORY

Database
 Integration and Delivery
 Logging and Tracing
 Machine learning
 Monitoring
 Networking
 Security
 Storage
 Streaming and Messaging
 Web applications

KIND

Helm charts (36)
 OLM operators (2)

PUBLISHER

No publisher selected

REPOSITORY

No repository selected

LICENSE

https://artifacthub.io/packages/helm/flagger/grafana

grafana star 28 Helm chart Updated 7 days ago

ORG: Grafana REPO: Grafana
VERSION: 6.2.1 APP VERSION: 7.3.5

The leading tool for querying and visualizing time series and metrics.

Signed

grafana star 1 Helm chart Updated a month ago

USER: 4ops REPO: kube-ops
VERSION: 1.0.2 APP VERSION: 7.3.6

Grafana is an open source, feature rich metrics dashboard and graph editor for Graphite, Elasticsearch....

Verified Publisher

grafana star 0 Helm chart Updated 6 days ago

ORG: Flux REPO: Flagger
VERSION: 1.5.0 APP VERSION: 7.2.0

Grafana dashboards for monitoring Flagger canary deployments

grafana star 2 Helm chart Updated 2 days ago

ORG: Bitnami REPO: Bitnami
VERSION: 5.1.1 APP VERSION: 7.3.7

Grafana is an open source, feature rich metrics dashboard and graph editor for Graphite, Elasticsearch....

grafana star 0 Helm chart Updated 3 months ago

USER: SeongJuMoon REPO: edu
VERSION: 5.3.0 APP VERSION: 7.0.3

The leading tool for querying and visualizing time series and metrics.

grafana star 0 Helm chart Updated 2 months ago

ORG: Helm REPO: cloudposse
VERSION: 0.2.6

The leading tool for querying and visualizing time series and metrics.

grafana star 0 Helm chart Updated 20 days ago

ORG: nexclipper REPO: nexclipper
VERSION: 6.1.0 APP VERSION: 7.2.1

appmesh-grafana star 0 Helm chart Updated a month ago GEN KA?

ORG: Helm REPO: aws
VERSION: 1.0.2 APP VERSION: 6.1.2

Helm | Installing Helm x grafana 5.1.1 · bitnami/bitnami x +

https://artifacthub.io/packages/helm/bitnami/grafana

Artifact HUB BETA Search packages

SIGN UP SIGN IN

Back to "grafana" results

grafana

ORG: Bitnami REPO: [Helm chart](#) Bitnami

Grafana is an open source, feature rich metrics dashboard and graph editor for Graphite, Elasticsearch, OpenTSDB, Prometheus and InfluxDB(TM).

Grafana

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TL;DR

```
$ helm repo add bitnami https://charts.bitnami.com/bitnami
$ helm install my-release bitnami/grafana
```

Introduction

This chart bootstraps a [grafana](#) deployment on a [Kubernetes](#) cluster using the [Helm](#) package manager.

Bitnami charts can be used with [Kubeapps](#) for deployment and management of Helm Charts in clusters.

Prerequisites

- Kubernetes 1.12+
- Helm 3.1.0
- PV provisioner support in the underlying infrastructure
- ReadWriteMany volumes for deployment scaling

Installing the Chart

To install the chart with the release name `my-release`:

INSTALL

VALUES SCHEMA

CHANGELOG

APPLICATION VERSION
7.3.7

CHART VERSIONS [RSS](#)

- 5.1.1 (1 Feb, 2021)
- 5.1.0 (27 Jan, 2021)
- 5.0.2 (19 Jan, 2021)

[See all](#)

LINKS

- Homepage
- Source
- Source

MAINTAINERS

- Bitnami

DEPENDENCIES

- common@1.x.x

KEYWORDS

GEN KA?

Helm | Installing Helm x grafana 5.1.1 · bitnami/bitmami x +

https://artifacthub.io/packages/helm/bitnami/grafana

Artifact HUB BETA Search packages

SIGN UP SIGN IN

Back to "grafana" results

grafana

ORG: Bitnami REPO: [Helm chart](#) Bitnami

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[See all](#)

LINKS [Homepage](#) [Source](#) [Source](#)

MAINTAINERS [Bitnami](#)

DEPENDENCIES [common@1.x.x](#)

KEYWORDS

GEN KA?

Helm | Installing Helm x Artifact Hub x https://artifacthub.io/packages/search?page=1&ts_query_web=grafana

Artifact HUB BETA x ?

SIGN UP SIGN IN

1 - 20 of 38 results for "grafana"

Show: 20 ...

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Official repositories 0
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Database
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https://artifacthub.io/packages/helm/grafana/grafana

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appmesh-grafana star 0 Helm chart Updated a month ago GEN KA?

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Helm | Installing Helm x Artifact Hub x + https://artifacthub.io/packages/search?page=1&ts_query_web=grafana

Artifact HUB BETA SIGN UP SIGN IN

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appmesh-grafana ORG: Helm REPO: aws VERSION: 1.0.2 APP VERSION: 6.1.2 Updated a month ago  GEN KA?

MINGW64:/c/tutorials

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm repo add bitnami https://charts.bitnami.com/bitnami
```

MINGW64:/c/tutorials

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"bitnami" has been added to your repositories
```

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm repo list
NAME      URL
bitnami   https://charts.bitnami.com/bitnami
```

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

MINGW64:/c/tutorials

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NAME      URL
bitnami   https://charts.bitnami.com/bitnami
```

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm search repo|
```

bitnami/kubeapps	5.1.0	2.1.0	Kubeapps is a dashboard for your Kubernetes clu...
bitnami/kubernetes-event-exporter	1.1.0	0.9.0	This tool allows exporting the often missed Kub...
bitnami/kubewatch	3.1.0	0.1.0	Kubewatch is a Kubernetes watcher that current...
bitnami/logstash	3.1.0	7.10.2	Logstash is an open source, server-side data pr...
bitnami/magento	17.2.0	2.4.1	A feature-rich flexible e-commerce solution. It...
bitnami/mariadb	9.3.0	10.5.8	Fast, reliable, scalable, and easy to use open...
bitnami/mariadb-cluster	1.0.2	10.2.14	DEPRECATED Chart to create a Highly available M...
bitnami/mariadb-galera	5.5.0	10.5.8	MariaDB Galera is a multi-master database clust...
bitnami/mean	6.1.2	4.6.2	DEPRECATED MEAN is a free and open-source JavaS...
bitnami/mediawiki	12.2.0	1.35.1	Extremely powerful, scalable software and a fea...
bitnami/memcached	5.5.0	1.6.9	Chart for Memcached
bitnami/metallb	2.2.2	0.9.5	The Metal LB for Kubernetes
bitnami/metrics-server	5.5.0	0.4.1	Metrics Server is a cluster-wide aggregator of ...
bitnami/minio	6.1.3	2021.2.1	MinIO(TM) is an object storage server, compatib...
bitnami/mongodb	10.6.1	4.4.3	NoSQL document-oriented database that stores JS...
bitnami/mongodb-sharded	3.3.0	4.4.3	NoSQL document-oriented database that stores JS...
bitnami/moodle	11.0.2	3.10.1	Moodle(TM) is a learning platform designed to p...
bitnami/mxnet	2.2.0	1.7.0	A flexible and efficient library for deep learning
bitnami/mysql	8.3.0	8.0.23	Chart to create a Highly available MySQL cluster
bitnami/nats	6.2.0	2.1.9	An open-source, cloud-native messaging system
bitnami/nginx	8.5.2	1.19.6	Chart for the nginx server
bitnami/nginx-ingress-controller	7.4.1	0.43.0	Chart for the nginx Ingress controller
bitnami/node	15.1.0	14.15.4	Event-driven I/O server-side JavaScript environ...
bitnami/node-exporter	2.2.0	1.0.1	Prometheus exporter for hardware and OS metrics...
bitnami/odoo	18.2.0	14.0.20210110	A suite of web based open source business apps.
bitnami/opencart	10.0.0	3.0.3-6	A free and open source e-commerce platform for ...
bitnami/orangehrm	10.1.0	4.7.0-0	OrangeHRM is a free HR management system that o...
bitnami/osclass	9.1.0	3.9.0	Osclass is a php script that allows you to quic...
bitnami/owncloud	10.2.0	10.6.0	A file sharing server that puts the control and...
bitnami/parse	14.1.0	4.9.3	Parse is a platform that enables users to add a...
bitnami/phabricator	11.0.1	2021.5.0	Collection of open source web applications that...
bitnami/phpbb	10.1.1	3.3.3	Community forum that supports the notion of use...
bitnami/phpmyadmin	8.2.0	5.0.4	phpMyAdmin is an mysql administration frontend
bitnami/postgresql	10.2.6	11.10.0	Chart for PostgreSQL, an object-relational data...
bitnami/postgresql-ha	6.5.1	11.10.0	Chart for PostgreSQL with HA architecture (usin...
bitnami/prestashop	13.1.0	1.7.7-1	A popular open source ecommerce solution. Profre...
bitnami/prometheus-operator	0.31.1	0.41.0	DEPRECATED The Prometheus Operator for Kuberne...
bitnami/pytorch	2.2.0	1.7.1	Deep learning platform that accelerates the tra...
bitnami/rabbitmq	8.9.2	3.8.11	Open source message broker software that implem...
bitnami/redis	12.7.3	6.0.10	Open source, advanced key-value store. It is of...
bitnami/redis-cluster	4.3.1	6.0.10	Open source, advanced key-value store. It is of...
bitnami/redmine	15.2.1	4.1.1	A flexible project management web application.
bitnami/spark	5.1.1	3.0.1	Spark is a fast and general-purpose cluster com...
bitnami/spring-cloud-dataflow	2.7.1	2.7.1	Spring Cloud Data Flow is a microservices-based...
bitnami/sugarcrm	1.0.6	6.5.26	DEPRECATED SugarCRM enables businesses to creat...
bitnami/suitecrm	9.3.0	7.11.18	SuiteCRM is a completely open source enterprise...
bitnami/tensorflow-inception	3.3.2	1.13.0	DEPRECATED Open-source software library for ser...
bitnami/tensorflow-resnet	3.2.0	2.4.1	Open-source software library serving the ResNet...
bitnami/testlink	9.2.0	1.9.20	Web-based test management system that facilitat...
bitnami/thanos	3.8.0	0.18.0	Thanos is a highly available metrics system tha...
bitnami/tomcat	8.2.1	9.0.41	Chart for Apache Tomcat
bitnami/wavefront	1.2.0	1.2.6	Chart for Wavefront Collector for Kubernetes
bitnami/wildfly	8.1.0	22.0.0	Chart for Wildfly
bitnami/wordpress	10.6.1	5.6.0	Web publishing platform for building blogs and ...
bitnami/zookeeper	6.4.0	3.6.2	A centralized service for maintaining configura...

MINGW64:/c/tutorials

bitnami/kubernetes-event-exporter	1.1.0	0.9.0	This tool allows exporting the often missed Kub...
bitnami/kubewatch	3.1.0	0.1.0	Kubewatch is a Kubernetes watcher that currentl...
bitnami/logstash	3.1.0	7.10.2	Logstash is an open source, server-side data pr...
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bitnami/mediawiki	12.2.0	1.35.1	Extremely powerful, scalable software and a fea...
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bitnami/odoo	18.2.0	14.0.20210110	A suite of web based open source business apps.
bitnami/openkart	10.0.0	3.0.3-6	A free and open source e-commerce platform for ...
bitnami/orangehrm	10.1.0	4.7.0-0	OrangeHRM is a free HR management system that o...
bitnami/osclass	9.1.0	3.9.0	osclass is a php script that allows you to quic...
bitnami/owncloud	10.2.0	10.6.0	A file sharing server that puts the control and...
bitnami/parse	14.1.0	4.9.3	Parse is a platform that enables users to add a...
bitnami/phabricator	11.0.1	2021.5.0	Collection of open source web applications that...
bitnami/phpbb	10.1.1	3.3.3	Community forum that supports the notion of use...
bitnami/phpmyadmin	8.2.0	5.0.4	phpMyAdmin is an mysql administration frontend
bitnami/postgresql	10.2.6	11.10.0	Chart for PostgreSQL, an object-relational data...
bitnami/postgresql-ha	6.5.1	11.10.0	Chart for PostgreSQL with HA architecture (usin...
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bitnami/prometheus-operator	0.31.1	0.41.0	DEPRECATED The Prometheus Operator for Kubernetes
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bitnami/redis-cluster	4.3.1	6.0.10	Open source, advanced key-value store. It is of...
bitnami/redmine	15.2.1	4.1.1	A flexible project management web application.
bitnami/spark	5.1.1	3.0.1	Spark is a fast and general-purpose cluster com...
bitnami/spring-cloud-dataflow	2.7.1	2.7.1	Spring Cloud Data Flow is a microservices-based...
bitnami/sugarcrm	1.0.6	6.5.26	DEPRECATED SugarCRM enables businesses to creat...
bitnami/suitecrm	9.3.0	7.11.18	SuiteCRM is a completely open source enterprise...
bitnami/tensorflow-inception	3.3.2	1.13.0	DEPRECATED Open-source software library for ser...
bitnami/tensorflow-resnet	3.2.0	2.4.1	Open-source software library serving the ResNet...
bitnami/testlink	9.2.0	1.9.20	Web-based test management system that facilitat...
bitnami/thanos	3.8.0	0.18.0	Thanos is a highly available metrics system tha...
bitnami/tomcat	8.2.1	9.0.41	Chart for Apache Tomcat
bitnami/wavefront	1.2.0	1.2.6	Chart for Wavefront Collector for Kubernetes
bitnami/wildfly	8.1.0	22.0.0	Chart for Wildfly
bitnami/wordpress	10.6.1	5.6.0	Web publishing platform for building blogs and ...
bitnami/zookeeper	6.4.0	3.6.2	A centralized service for maintaining configura...

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\$ helm search repo grafana

MINGW64:/c/tutorials

NAME	CHART	VERSION	APP VERSION	DESCRIPTION
bitnami/mariadb-cluster	1.0.2	10.2.14		DEPRECATED Chart to create a Highly available M... MariaDB Galera is a multi-master database clust...
bitnami/mariadb-galera	5.5.0	10.5.8		DEPRECATED MEAN is a free and open-source JavaS...

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\$ helm search repo grafana

NAME	CHART	VERSION	APP VERSION	DESCRIPTION
bitnami/grafana	5.1.1	7.3.7		Grafana is an open source, feature rich metrics...
bitnami/grafana-operator	0.2.0	3.8.1		Kubernetes Operator based on the Operator SDK f...

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\$

MINGW64/c/tutorials

NAME	CHART VERSION	APP VERSION	DESCRIPTION
bitnami/mariadb-cluster	1.0.2	10.2.14	DEPRECATED Chart to create a Highly available M... MariaDB Galera is a multi-master database clust...
bitnami/mariadb-galera	5.5.0	10.5.8	DEPRECATED MEAN is a free and open-source JavaS...

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\$ helm search repo grafana

NAME	CHART VERSION	APP VERSION	DESCRIPTION
bitnami/grafana	5.1.1	7.3.7	Grafana is an open source, feature rich metrics...
bitnami/grafana-operator	0.2.0	3.8.1	Kubernetes Operator based on the Operator SDK f...

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\$ helm install grafana |

MINGW64/c/tutorials

NAME	CHART VERSION	APP VERSION	DESCRIPTION
bitnami/mariadb-cluster	1.0.2	10.2.14	DEPRECATED Chart to create a Highly available M... MariaDB Galera is a multi-master database clust...
bitnami/mariadb-galera	5.5.0	10.5.8	DEPRECATED MEAN is a free and open-source JavaS...

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\$ helm search repo grafana

NAME	CHART VERSION	APP VERSION	DESCRIPTION
bitnami/grafana	5.1.1	7.3.7	Grafana is an open source, feature rich metrics...
bitnami/grafana-operator	0.2.0	3.8.1	Kubernetes Operator based on the Operator SDK f...

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
\$ helm install grafana bitnami/grafana

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NAME	CHART VERSION	APP VERSION	DESCRIPTION
bitnami/mariadb-cluster	1.0.2	10.2.14	DEPRECATED Chart to create a Highly available M... MariaDB Galera is a multi-master database clust...
bitnami/mariadb-galera	5.5.0	10.5.8	DEPRECATED MEAN is a free and open-source JavaS...

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\$ helm search repo grafana

NAME	CHART VERSION	APP VERSION	DESCRIPTION
bitnami/grafana	5.1.1	7.3.7	Grafana is an open source, feature rich metrics...
bitnami/grafana-operator	0.2.0	3.8.1	Kubernetes Operator based on the Operator SDK f...

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\$ helm install grafana bitnami/grafana

```
MINGW64/c/tutorials
```

bitnami/orangehrm	10.1.0	4.7.0-0	OrangeHRM is a free HR management system that o...
bitnami/osclass	9.1.0	3.9.0	Osclass is a php script that allows you to quic...
bitnami/owncloud	10.2.0	10.6.0	A file sharing server that puts the control and...
bitnami/parse	14.1.0	4.9.3	Parse is a platform that enables users to add a...
bitnami/phabricator	11.0.1	2021.5.0	Collection of open source web applications that...
bitnami/phpbb	10.1.1	3.3.3	Community forum that supports the notion of use...
bitnami/phpmyadmin	8.2.0	5.0.4	phpMyAdmin is an mysql administration frontend
bitnami/postgresql	10.2.6	11.10.0	Chart for PostgreSQL, an object-relational data...
bitnami/postgresql-ha	6.5.1	11.10.0	Chart for PostgreSQL with HA architecture (usin...
bitnami/prestashop	13.1.0	1.7.7-1	A popular open source ecommerce solution. Profes...
bitnami/prometheus-operator	0.31.1	0.41.0	DEPRECATED The Prometheus Operator for Kuberne...
bitnami/pytorch	2.2.0	1.7.1	Deep learning platform that accelerates the tra...
bitnami/rabbitmq	8.9.2	3.8.11	Open source message broker software that implem...
bitnami/redis	12.7.3	6.0.10	Open source, advanced key-value store. It is of...
bitnami/redis-cluster	4.3.1	6.0.10	Open source, advanced key-value store. It is of...
bitnami/redmine	15.2.1	4.1.1	A flexible project management web application.
bitnami/spark	5.1.1	3.0.1	Spark is a fast and general-purpose cluster com...
bitnami/spring-cloud-dataflow	2.7.1	2.7.1	Spring Cloud Data Flow is a microservices-based...
bitnami/sugarcrm	1.0.6	6.5.26	DEPRECATED SugarCRM enables businesses to creat...
bitnami/suitecrm	9.3.0	7.11.18	SuiteCRM is a completely open source enterprise...
bitnami/tensorflow-inception	3.3.2	1.13.0	DEPRECATED Open-source software library for ser...
bitnami/tensorflow-resnet	3.2.0	2.4.1	Open-source software library serving the ResNet...
bitnami/testlink	9.2.0	1.9.20	Web-based test management system that facilitat...
bitnami/thanos	3.8.0	0.18.0	Thanos is a highly available metrics system tha...
bitnami/tomcat	8.2.1	9.0.41	Chart for Apache Tomcat
bitnami/wavefront	1.2.0	1.2.6	Chart for Wavefront Collector for Kubernetes
bitnami/wildfly	8.1.0	22.0.0	Chart for wildfly
bitnami/wordpress	10.6.1	5.6.0	Web publishing platform for building blogs and ...
bitnami/zookeeper	6.4.0	3.6.2	A centralized service for maintaining configura...

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm search repo grafana
```

NAME	CHART	VERSION	APP VERSION	DESCRIPTION
bitnami/grafana	5.1.1	7.3.7		Grafana is an open source, feature rich metrics...
bitnami/grafana-operator	0.2.0	3.8.1		Kubernetes Operator based on the Operator SDK f...

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana
```

```
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **
```

```
1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &
```

```
2. Get the admin credentials:
```

```
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"
```

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

	NAME	CHART VERSION	APP VERSION	DESCRIPTION
bitnami/phpbb	10.1.1	3.3.3		Community forum that supports the notion of use...
bitnami/phpmyadmin	8.2.0	5.0.4		phpMyAdmin is an mysql administration frontend
bitnami/postgresql	10.2.6	11.10.0		Chart for PostgreSQL, an object-relational data...
bitnami/postgresql-ha	6.5.1	11.10.0		Chart for PostgreSQL with HA architecture (usin...
bitnami/prestashop	13.1.0	1.7.7-1		A popular open source ecommerce solution. Profes...
bitnami/prometheus-operator	0.31.1	0.41.0		DEPRECATED The Prometheus Operator for Kuberne...
bitnami/pytorch	2.2.0	1.7.1		Deep learning platform that accelerates the tra...
bitnami/rabbitmq	8.9.2	3.8.11		Open source message broker software that implem...
bitnami/redis	12.7.3	6.0.10		Open source, advanced key-value store. It is of...
bitnami/redis-cluster	4.3.1	6.0.10		Open source, advanced key-value store. It is of...
bitnami/redmine	15.2.1	4.1.1		A flexible project management web application.
bitnami/spark	5.1.1	3.0.1		Spark is a fast and general-purpose cluster com...
bitnami/spring-cloud-dataflow	2.7.1	2.7.1		Spring Cloud Data Flow is a microservices-based...
bitnami/sugarcrm	1.0.6	6.5.26		DEPRECATED SugarCRM enables businesses to creat...
bitnami/suitecrm	9.3.0	7.11.18		SuiteCRM is a completely open source enterprise...
bitnami/tensorflow-inception	3.3.2	1.13.0		DEPRECATED Open-source software library for ser...
bitnami/tensorflow-resnet	3.2.0	2.4.1		Open-source software library serving the ResNet...
bitnami/testlink	9.2.0	1.9.20		Web-based test management system that facilitat...
bitnami/thanos	3.8.0	0.18.0		Thanos is a highly available metrics system tha...
bitnami/tomcat	8.2.1	9.0.41		Chart for Apache Tomcat
bitnami/wavefront	1.2.0	1.2.6		Chart for Wavefront Collector for Kubernetes
bitnami/wildfly	8.1.0	22.0.0		Chart for Wildfly
bitnami/wordpress	10.6.1	5.6.0		Web publishing platform for building blogs and ...
bitnami/zookeeper	6.4.0	3.6.2		A centralized service for maintaining configura...

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
```

```
$ helm search repo grafana
```

NAME	CHART VERSION	APP VERSION	DESCRIPTION
bitnami/grafana	5.1.1	7.3.7	Grafana is an open source, feature rich metrics...
bitnami/grafana-operator	0.2.0	3.8.1	Kubernetes Operator based on the Operator SDK f...

```
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```

```
$ helm install grafana bitnami/grafana
```

```
NAME: grafana
```

```
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
```

```
NAMESPACE: default
```

```
STATUS: deployed
```

```
REVISION: 1
```

```
TEST SUITE: None
```

```
NOTES:
```

```
** Please be patient while the chart is being deployed **
```

1. Get the application URL by running these commands:

```
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &
```

2. Get the admin credentials:

```
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"
```

```
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```

```
$ kubectl get pods
```

NAME	READY	STATUS	RESTARTS	AGE
grafana-85c868466d-fxln2	0/1	Running	0	31s

```
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```

```
$ |
```

```

MINGW64:/c/tutorials
bitnami/prometheus-operator          0.31.1      0.41.0      DEPRECATED The Prometheus Operator for Kuberne...
bitnami/pytorch                      2.2.0       1.7.1       Deep learning platform that accelerates the tra...
bitnami/rabbitmq                     8.9.2       3.8.11      Open source message broker software that implem...
bitnami/redis                        12.7.3      6.0.10      Open source, advanced key-value store. It is of...
bitnami/redis-cluster                4.3.1       6.0.10      Open source, advanced key-value store. It is of...
bitnami/redmine                      15.2.1      4.1.1       A flexible project management web application.
bitnami/spark                         5.1.1       3.0.1       Spark is a fast and general-purpose cluster com...
bitnami/spring-cloud-dataflow        2.7.1       2.7.1       Spring Cloud Data Flow is a microservices-based...
bitnami/sugarcrm                     1.0.6       6.5.26      DEPRECATED SugarCRM enables businesses to creat...
bitnami/suitecrm                     9.3.0       7.11.18     SuiteCRM is a completely open source enterprise...
bitnami/tensorflow-inception         3.3.2       1.13.0      DEPRECATED Open-source software library for ser...
bitnami/tensorflow-resnet             3.2.0       2.4.1       Open-source software library serving the ResNet...
bitnami/testlink                      9.2.0       1.9.20      Web-based test management system that facilitat...
bitnami/thanos                       3.8.0       0.18.0      Thanos is a highly available metrics system tha...
bitnami/tomcat                        8.2.1       9.0.41      Chart for Apache Tomcat
bitnami/wavefront                     1.2.0       1.2.6       Chart for Wavefront Collector for Kubernetes
bitnami/wildfly                        8.1.0       22.0.0      Chart for Wildfly
bitnami/wordpress                     10.6.1      5.6.0       Web publishing platform for building blogs and ...
bitnami/zookeeper                     6.4.0       3.6.2       A centralized service for maintaining configura...

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm search repo grafana
NAME          CHART   VERSION   APP VERSION   DESCRIPTION
bitnami/grafana    5.1.1    7.3.7      Grafana is an open source, feature rich metrics...
bitnami/grafana-operator 0.2.0    3.8.1      Kubernetes Operator based on the Operator SDK f...

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME           READY   STATUS    RESTARTS   AGE
grafana-85c868466d-fxln2  0/1     Running   0          31s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME           READY   STATUS    RESTARTS   AGE
grafana-85c868466d-fxln2  1/1     Running   0          88s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |

```

```

MINGW64:/c/tutorials
bitnami/prometheus-operator      0.31.1      0.41.0      DEPRECATED The Prometheus Operator for Kuber...
bitnami/pytorch                  2.2.0       1.7.1       Deep learning platform that accelerates the tra...
bitnami/rabbitmq                8.9.2       3.8.11      Open source message broker software that imple...
bitnami/redis                    12.7.3      6.0.10      Open source, advanced key-value store. It is of...
bitnami/redis-cluster            4.3.1       6.0.10      Open source, advanced key-value store. It is of...
bitnami/redmine                 15.2.1      4.1.1       A flexible project management web application.
bitnami/spark                    5.1.1       3.0.1       Spark is a fast and general-purpose cluster com...
bitnami/spring-cloud-dataflow    2.7.1       2.7.1       Spring Cloud Data Flow is a microservices-based...
bitnami/sugarcrm                1.0.6       6.5.26      DEPRECATED SugarCRM enables businesses to creat...
bitnami/suitecrm                9.3.0       7.11.18     SuiteCRM is a completely open source enterprise...
bitnami/tensorflow-inception     3.3.2       1.13.0      DEPRECATED Open-source software library for ser...
bitnami/tensorflow-resnet        3.2.0       2.4.1       Open-source software library serving the ResNet...
bitnami/testlink                 9.2.0       1.9.20      Web-based test management system that facilitat...
bitnami/thanos                  3.8.0       0.18.0      Thanos is a highly available metrics system tha...
bitnami/tomcat                  8.2.1       9.0.41      Chart for Apache Tomcat
bitnami/wavefront                1.2.0       1.2.6       Chart for Wavefront Collector for Kubernetes
bitnami/wildfly                  8.1.0       22.0.0      Chart for Wildfly
bitnami/wordpress               10.6.1      5.6.0       Web publishing platform for building blogs and ...
bitnami/zookeeper                6.4.0       3.6.2       A centralized service for maintaining configura...
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm search repo grafana
NAME          CHART VERSION APP VERSION DESCRIPTION
bitnami/grafana   5.1.1    7.3.7   Grafana is an open source, feature rich metrics...
bitnami/grafana-operator 0.2.0    3.8.1   Kubernetes Operator based on the Operator SDK f...
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana
NAME: grafana
LAST DEPLOYED: Wed Feb 3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://Default Size .0.1Alt+F100"
kubectl port-forward grafana 8080:3000 &

2. Get the admin credentials
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"
```

Context Menu:

- Copy (Ctrl+Ins)
- Paste (Shift+Ins)
- Select All

Keyboard Shortcuts:

- Reset (Alt+F8)
- Scrollbar (Alt+F100)
- Full Screen (Alt+F11)
- Flip Screen (Alt+F12)

```

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY STATUS RESTARTS AGE
grafana-85c868466d-fxln2 0/1   Running 0          31s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY STATUS RESTARTS AGE
grafana-85c868466d-fxln2 1/1   Running 0          88s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

```

MINGW64:/c/tutorials
bitnami/prometheus-operator          0.31.1      0.41.0      DEPRECATED The Prometheus Operator for Kuber...
bitnami/pytorch                      2.2.0       1.7.1       Deep learning platform that accelerates the tra...
bitnami/rabbitmq                     8.9.2       3.8.11      Open source message broker software that implem...
bitnami/redis                         12.7.3      6.0.10      Open source, advanced key-value store. It is of...
bitnami/redis-cluster                 4.3.1       6.0.10      Open source, advanced key-value store. It is of...
bitnami/redmine                       15.2.1      4.1.1       A flexible project management web application.
bitnami/spark                          5.1.1       3.0.1       Spark is a fast and general-purpose cluster com...
bitnami/spring-cloud-dataflow        2.7.1       2.7.1       Spring Cloud Data Flow is a microservices-based...
bitnami/sugarcrm                      1.0.6       6.5.26      DEPRECATED SugarCRM enables businesses to creat...
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bitnami/tensorflow-resnet              3.2.0       2.4.1       Open-source software library serving the ResNet...
bitnami/testlink                       9.2.0       1.9.20      Web-based test management system that facilitat...
bitnami/thanos                        3.8.0       0.18.0      Thanos is a highly available metrics system tha...
bitnami/tomcat                         8.2.1       9.0.41      Chart for Apache Tomcat
bitnami/wavefront                      1.2.0       1.2.6       Chart for Wavefront Collector for Kubernetes
bitnami/wildfly                         8.1.0       22.0.0      Chart for Wildfly
bitnami/wordpress                      10.6.1      5.6.0       Web publishing platform for building blogs and ...
bitnami/zookeeper                      6.4.0       3.6.2       A centralized service for maintaining configura...
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm search repo grafana
NAME          CHART   VERSION   APP VERSION   DESCRIPTION
bitnami/grafana    5.1.1   7.3.7      Grafana is an open source, feature rich metrics...
bitnami/grafana-operator 0.2.0   3.8.1      Kubernetes Operator based on the Operator SDK f...
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME           READY   STATUS    RESTARTS   AGE
grafana-85c868466d-fxln2  0/1     Running   0          31s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME           READY   STATUS    RESTARTS   AGE
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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode

```

```
MINGW64/c/tutorials
bitnami/redis           12.7.3   6.0.10  Open source, advanced key-value store. It is of...
bitnami/redis-cluster   4.3.1    6.0.10  Open source, advanced key-value store. It is of...
bitnami/redmine         15.2.1   4.1.1   A flexible project management web application.
bitnami/spark            5.1.1    3.0.1   Spark is a fast and general-purpose cluster com...
bitnami/spring-cloud-dataflow 2.7.1    2.7.1   Spring Cloud Data Flow is a microservices-based...
bitnami/sugarcrm        1.0.6    6.5.26  DEPRECATED SugarCRM enables businesses to creat...
bitnami/suitecrm        9.3.0    7.11.18  SuiteCRM is a completely open source enterprise...
bitnami/tensorflow-inception 3.3.2    1.13.0  DEPRECATED Open-source software library for ser...
bitnami/tensorflow-resnet 3.2.0    2.4.1   Open-source software library serving the ResNet...
bitnami/testlink         9.2.0    1.9.20  Web-based test management system that facilitat...
bitnami/thanos           3.8.0    0.18.0  Thanos is a highly available metrics system tha...
bitnami/tomcat           8.2.1    9.0.41  Chart for Apache Tomcat
bitnami/wavefront        1.2.0    1.2.6   Chart for Wavefront Collector for Kubernetes
bitnami/wildfly          8.1.0    22.0.0  Chart for Wildfly
bitnami/wordpress        10.6.1   5.6.0   Web publishing platform for building blogs and ...
bitnami/zookeeper        6.4.0    3.6.2   A centralized service for maintaining configura...
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm search repo grafana
NAME          CHART VERSION APP VERSION DESCRIPTION
bitnami/grafana 5.1.1      7.3.7   Grafana is an open source, feature rich metrics...
bitnami/grafana-operator 0.2.0      3.8.1   Kubernetes Operator based on the Operator SDK f...
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY STATUS RESTARTS AGE
grafana-85c868466d-fxln2  0/1   Running 0          31s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY STATUS RESTARTS AGE
grafana-85c868466d-fxln2  1/1   Running 0          88s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode
d33u1dpf
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

```

MINGW64:/c/tutorials
bitnami/redis           12.7.3   6.0.10  Open source, advanced key-value store. It is of...
bitnami/redis-cluster   4.3.1    6.0.10  Open source, advanced key-value store. It is of...
bitnami/redmine         15.2.1   4.1.1   A flexible project management web application.
bitnami/spark            5.1.1    3.0.1   Spark is a fast and general-purpose cluster com...
bitnami/spring-cloud-dataflow 2.7.1    2.7.1   Spring Cloud Data Flow is a microservices-based...
bitnami/sugarcrm        1.0.6    6.5.26  DEPRECATED SugarCRM enables businesses to creat...
bitnami/suitecrm        9.3.0    7.11.18 SuiteCRM is a completely open source enterprise...
bitnami/tensorflow-inception 3.3.2    1.13.0  DEPRECATED Open-source software library for ser...
bitnami/tensorflow-resnet 3.2.0    2.4.1   Open-source software library serving the ResNet...
bitnami/testlink         9.2.0    1.9.20  Web-based test management system that facilitat...
bitnami/thanos           3.8.0    0.18.0  Thanos is a highly available metrics system tha...
bitnami/tomcat           8.2.1    9.0.41  Chart for Apache Tomcat
bitnami/wavefront        1.2.0    1.2.6   Chart for Wavefront Collector for Kubernetes
bitnami/wildfly          8.1.0    22.0.0  Chart for Wildfly
bitnami/wordpress        10.6.1   5.6.0   Web publishing platform for building blogs and ...
bitnami/zookeeper        6.4.0    3.6.2   A centralized service for maintaining configura...

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm search repo grafana
NAME          CHART VERSION APP VERSION DESCRIPTION
bitnami/grafana 5.1.1      7.3.7   Grafana is an open source, feature rich metrics...
bitnami/grafana-operator 0.2.0      3.8.1   Kubernetes Operator based on the Operator SDK f...

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
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echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY STATUS RESTARTS AGE
grafana-85c868466d-fxln2  0/1   Running 0          31s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY STATUS RESTARTS AGE
grafana-85c868466d-fxln2  1/1   Running 0          88s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode
d33u1dpf
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl port-forward svc/grafana 8080:3000

```

```

MINGW64:/c/tutorials
bitnami/spark          5.1.1      3.0.1      Spark is a fast and general-purpose cluster com...
bitnami/spring-cloud-dataflow 2.7.1      2.7.1      Spring Cloud Data Flow is a microservices-based...
bitnami/sugarcrm        1.0.6      6.5.26     DEPRECATED SugarCRM enables businesses to creat...
bitnami/suitecrm         9.3.0      7.11.18    SuiteCRM is a completely open source enterprise...
bitnami/tensorflow-inception 3.3.2      1.13.0     DEPRECATED Open-source software library for ser...
bitnami/tensorflow-resnet   3.2.0      2.4.1      Open-source software library serving the ResNet...
bitnami/testlink          9.2.0      1.9.20     Web-based test management system that facilitat...
bitnami/thanos            3.8.0      0.18.0     Thanos is a highly available metrics system tha...
bitnami/tomcat             8.2.1      9.0.41     Chart for Apache Tomcat
bitnami/wavefront          1.2.0      1.2.6      Chart for Wavefront Collector for Kubernetes
bitnami/wildfly             8.1.0      22.0.0     Chart for Wildfly
bitnami/wordpress          10.6.1     5.6.0      Web publishing platform for building blogs and ...
bitnami/zookeeper           6.4.0      3.6.2      A centralized service for maintaining configura...

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm search repo grafana
NAME          CHART VERSION  APP VERSION  DESCRIPTION
bitnami/grafana  5.1.1       7.3.7       Grafana is an open source, feature rich metrics...
bitnami/grafana-operator 0.2.0       3.8.1       Kubernetes Operator based on the Operator SDK f...

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

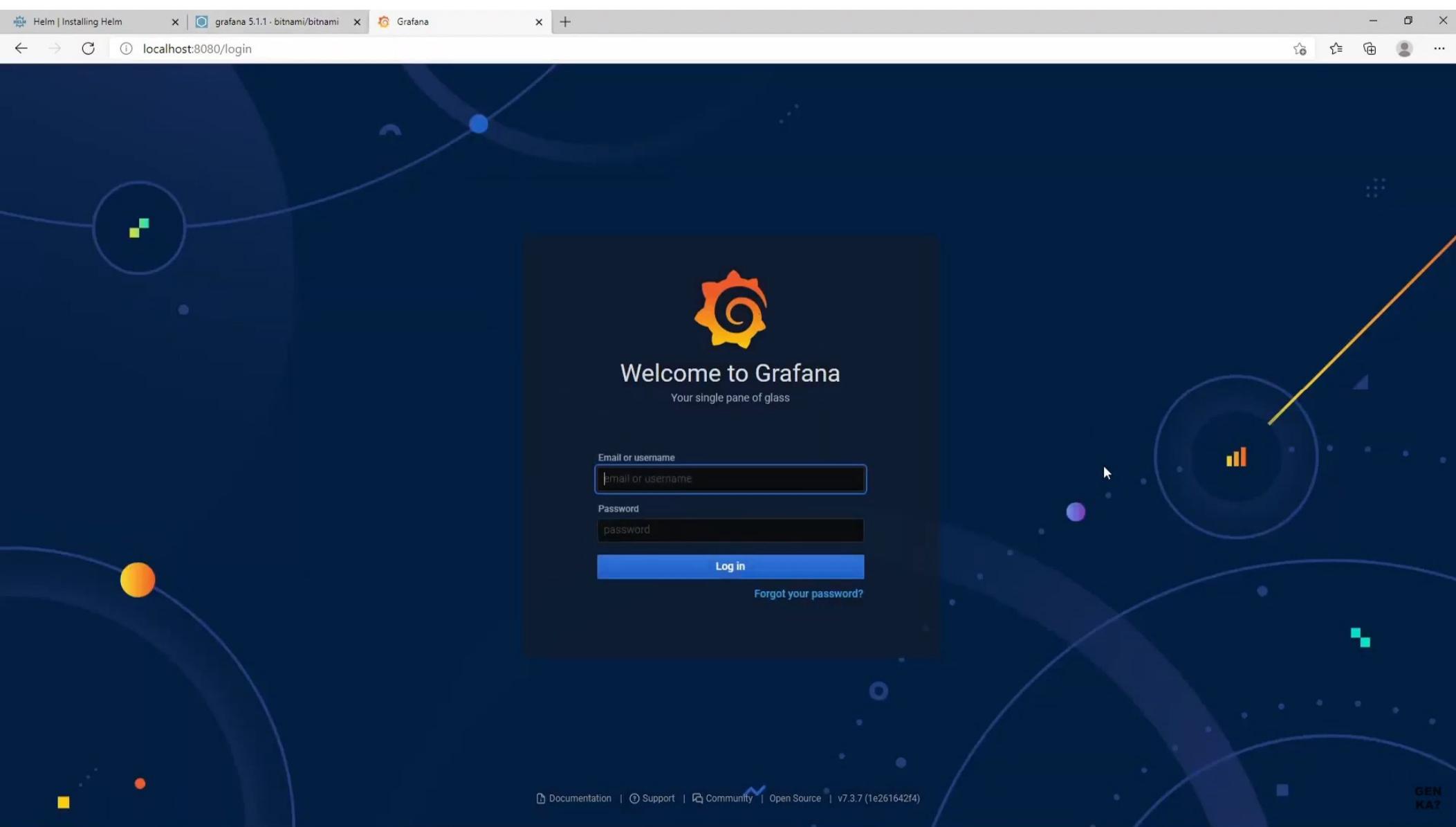
2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

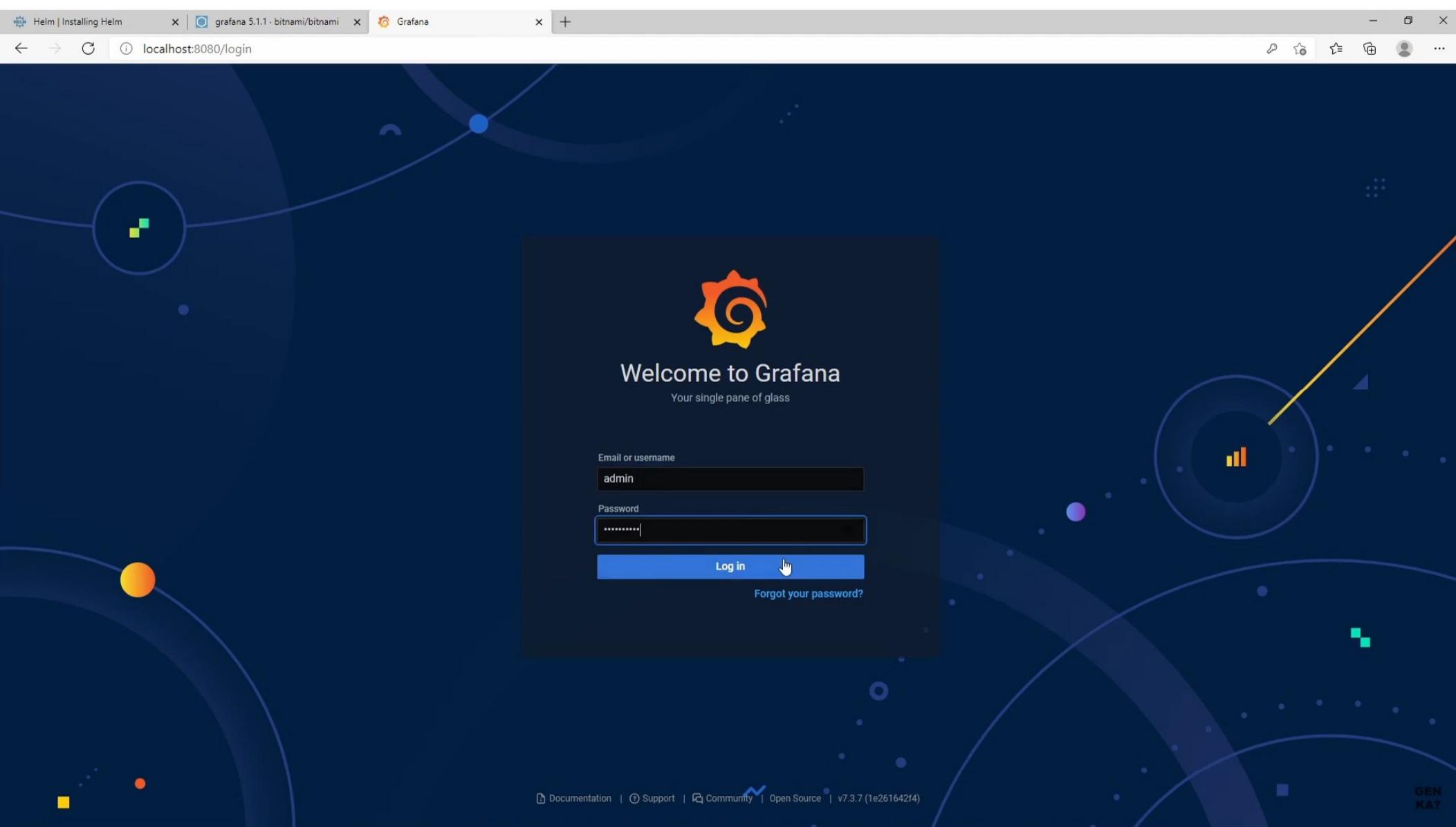
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY STATUS  RESTARTS AGE
grafana-85c868466d-fxln2  0/1   Running  0          31s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY STATUS  RESTARTS AGE
grafana-85c868466d-fxln2  1/1   Running  0          88s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode
d33u1dpLf
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl port-forward svc/grafana 8080:3000
Forwarding from 127.0.0.1:8080 -> 3000
Forwarding from [::]:8080 -> 3000

```





Helm | Installing Helm | grafana 5.1.1 - bitnami/bitnami | Home - Grafana | + | localhost:8080/?orgId=1 | 🔍 ⭐ ⌂ ⚙️ 🌐 ...

Welcome to Grafana

Need help? [Documentation](#) [Tutorials](#) [Community](#) [Public Slack](#)

Basic
The steps below will guide you to quickly finish setting up your Grafana installation.

TUTORIAL
DATA SOURCE AND DASHBOARDS
Grafana fundamentals
Set up and understand Grafana if you have no prior experience. This tutorial guides you through the entire process and covers the "Data source" and "Dashboards" steps to the right.

DATA SOURCES
Add your first data source
Learn how in the docs ↗

DASHBOARDS
Create your first dashboard
Learn how in the docs ↗

Remove this panel

Dashboards ▾

- Starred dashboards
- Recently viewed dashboards

Latest from the blog

Auto-instrumenting a Java Spring Boot application for traces and logs using OpenTelemetry and Grafana Tempo Feb 03
Auto-instrumentation is a subject I have not had much experience with. Here at Grafana Labs, we primarily develop in Go, which doesn't afford such luxuries. However, there is an enormous amount of interest from the community in Java auto-instrumentation, so I set out to determine what was possible using the shiny new OpenTelemetry auto-instrumentation libraries. Let's dig into this technology and see how we can offload traces to Tempo and logs to Loki to create a compelling auto-instrumentation story.

Real-time monitoring of Formula 1 telemetry data on Kubernetes with Grafana, Apache Kafka, and Strimzi Feb 02
Paolo is a Principal Software Engineer working for Red Hat on the messaging and IoT team. He is a maintainer of Strimzi, a CNCF sandbox project for running Apache Kafka on Kubernetes using operators. He is also a Microsoft MVP and Eclipse committer as maintainer for Kafka and MQTT Vert.x based components. He has spoken at numerous national and international conferences about Kafka, Strimzi, and IoT. Data streaming is important for getting insights in real time and reacting to events as fast as possible.

Farewell, worldPing. Hello, Grafana Cloud synthetic monitoring! Feb 01
Many of us get sentimental about past projects we've worked on...for me it is a mobile dashboard that leveraged ML/AI to help a sales team make quicker decisions while in the field (nerdy, I know...but it was one of my first projects as a UX Designer when I was starting out my career, and I have many fond memories about this project). For many members of the team at Grafana Labs, that sentimental project is worldPing.

Basics and best practices for getting started with PromQL Jan 29
GEN KA?

```
MINGW64:/c/tutorials
Helm Tutorial - Crash Course In 15 Minutes
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm search repo grafana
NAME          CHART VERSION  APP VERSION  DESCRIPTION
bitnami/grafana  5.1.1        7.3.7        Grafana is an open source, feature rich metrics...
bitnami/grafana-operator 0.2.0        3.8.1        Kubernetes Operator based on the Operator SDK f...
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
grafana-85c868466d-fxln2  0/1     Running   0          31s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
grafana-85c868466d-fxln2  1/1     Running   0          88s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode
d33uldpf
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl port-forward svc/grafana 8080:3000
Forwarding from 127.0.0.1:8080 -> 3000
Forwarding from [::]:8080 -> 3000
Handling connection for 8080

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE  REVISION  UPDATED           STATUS    CHART          APP VERSION
grafana  default       1        2021-02-03 20:33:57.3799206 +0100 CET  deployed  grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ 5:31 / 15:01 • Install a Helm Chart Release > Scroll for details
```



```
MINGW64:/c/tutorials
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
grafana-85c868466d-fxln2   0/1     Running   0          31s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
grafana-85c868466d-fxln2   1/1     Running   0          88s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode
d33uldplpf
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl port-forward svc/grafana 8080:3000
Forwarding from 127.0.0.1:8080 -> 3000
Forwarding from [::1]:8080 -> 3000
Handling connection for 8080

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED           STATUS      CHART        APP VERSION
grafana   default        1            2021-02-03 20:33:57.3799206 +0100 CET  deployed   grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm status grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

```
MINGW64:/c/tutorials
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
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NAME          READY   STATUS    RESTARTS   AGE
grafana-85c868466d-fxln2   0/1     Running   0          31s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
grafana-85c868466d-fxln2   1/1     Running   0          88s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode
d33uldplpf
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl port-forward svc/grafana 8080:3000
Forwarding from 127.0.0.1:8080 -> 3000
Forwarding from [::1]:8080 -> 3000
Handling connection for 8080

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED           STATUS      CHART        APP VERSION
grafana   default        1            2021-02-03 20:33:57.3799206 +0100 CET  deployed   grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
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NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana|
```

```
MINGW64:/c/tutorials
$ kubectl port-forward svc/grafana 8080:3000
Forwarding from 127.0.0.1:8080 -> 3000
Forwarding from [::1]:8080 -> 3000
Handling connection for 8080
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME    NAMESPACE   REVISION      UPDATED           STATUS        CHART          APP VERSION
grafana  default     1            2021-02-03 20:33:57.3799206 +0100 CET  deployed      grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm status grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana bitnami/grafana
Release "grafana" has been upgraded. Happy Helming!
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:38:55 2021
NAMESPACE: default
STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

```
MINGW64:/c/tutorials
Handling connection for 8080
Handling connection for 8080
Handling connection for 8080
Handling connection for 8080
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME    NAMESPACE      REVISION      UPDATED           STATUS        CHART          APP VERSION
grafana default      1            2021-02-03 20:33:57.3799206 +0100 CET  deployed      grafana-5.1.1   7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm status grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
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$ helm upgrade grafana bitnami/grafana
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NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:38:55 2021
NAMESPACE: default
STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
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echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME    NAMESPACE      REVISION      UPDATED           STATUS        CHART          APP VERSION
grafana default      2            2021-02-03 20:38:55.1114343 +0100 CET  deployed      grafana-5.1.1   7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART      APP VERSION
grafana   default        1            2021-02-03 20:33:57.3799206 +0100 CET  deployed    grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm status grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana bitnami/grafana
Release "grafana" has been upgraded. Happy Helming!
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NAMESPACE: default
STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART      APP VERSION
grafana   default        2            2021-02-03 20:38:55.1114343 +0100 CET  deployed    grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm rollback grafana 1
Rollback was a success! Happy Helming!

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm status grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana bitnami/grafana
Release "grafana" has been upgraded. Happy Helming!
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:38:55 2021
NAMESPACE: default
STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE    REVISION    UPDATED           STATUS        CHART
grafana   default       2          2021-02-03 20:38:55.1114343 +0100 CET  deployed     grafana-5.1.1    7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm rollback grafana 1
Rollback was a success! Happy Helming!

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE    REVISION    UPDATED           STATUS        CHART
grafana   default       3          2021-02-03 20:39:31.4106219 +0100 CET  deployed     grafana-5.1.1    7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

```
MINGW64:/c/tutorials
LAST DEPLOYED: Wed Feb 3 20:33:57 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana bitnami/grafana
Release "grafana" has been upgraded. Happy Helming!
NAME: grafana
LAST DEPLOYED: Wed Feb 3 20:38:55 2021
NAMESPACE: default
STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana   default        2            2021-02-03 20:38:55.1114343 +0100 CET  deployed    grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm rollback grafana 1
Rollback was a success! Happy Helming!

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$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana   default        3            2021-02-03 20:39:31.4106219 +0100 CET  deployed    grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm uninstall grafana
release "grafana" uninstalled

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

```
MINGW64:/c/tutorials
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana bitnami/grafana
Release "grafana" has been upgraded. Happy Helming!
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:38:55 2021
NAMESPACE: default
STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana   default        2            2021-02-03 20:38:55.1114343 +0100 CET  deployed    grafana-5.1.1    7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm rollback grafana 1
Rollback was a success! Happy Helming!

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana   default        3            2021-02-03 20:39:31.4106219 +0100 CET  deployed    grafana-5.1.1    7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm uninstall grafana
release "grafana" uninstalled

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART      APP VERSION
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

MINGW64:/c/tutorials

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana --version 5.0.2
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana --version 5.0.2
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:41:40 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana   default        1            2021-02-03 20:41:40.8228416 +0100 CET  deployed    grafana-5.0.2  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana --version 5.0.2
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:41:40 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART      APP VERSION
grafana   default        1            2021-02-03 20:41:40.8228416 +0100 CET  deployed    grafana-5.0.2  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

A screenshot of a terminal window titled 'MINGW64:/c/tutorials'. The window contains several lines of command-line text. At the bottom left, there is a vertical pipe symbol '|'. A context menu is open over this pipe, with the 'Scrollbar' option selected. The menu includes options like Open, Copy, Paste, Select All, Search, Reset, Default Size, Full Screen, Flip Screen, and Options... . The background of the terminal window is dark.

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana --version 5.0.2
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:41:40 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana   default        1            2021-02-03 20:41:40.8228416 +0100 CET  deployed    grafana-5.0.2  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana bitnami/grafana --version 5.1.1|
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana --version 5.0.2
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:41:40 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath='{.data.GF_SECURITY_ADMIN_PASSWORD}' | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana   default        1            2021-02-03 20:41:40.8228416 +0100 CET  deployed    grafana-5.0.2  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana bitnami/grafana --version 5.1.1
Release "grafana" has been upgraded. Happy Helming!
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:42:11 2021
NAMESPACE: default
STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath='{.data.GF_SECURITY_ADMIN_PASSWORD}' | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana --version 5.0.2
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:41:40 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana   default        1            2021-02-03 20:41:40.8228416 +0100 CET  deployed    grafana-5.0.2  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana bitnami/grafana --version 5.1.1
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STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
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1. Get the application URL by running these commands:
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echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath='{.data.GF_SECURITY_ADMIN_PASSWORD}' | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana   default        2            2021-02-03 20:42:11.9540917 +0100 CET  deployed    grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana --version 5.0.2
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:41:40 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

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echo "User: admin"
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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana   default        1            2021-02-03 20:41:40.8228416 +0100 CET  deployed    grafana-5.0.2  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana bitnami/grafana --version 5.1.1
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NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:42:11 2021
NAMESPACE: default
STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana   default        2            2021-02-03 20:42:11.9540917 +0100 CET  deployed    grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install grafana bitnami/grafana --version 5.0.2
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:41:40 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART      APP VERSION
grafana   default        1            2021-02-03 20:41:40.8228416 +0100 CET  deployed   grafana-5.0.2  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana bitnami/grafana --version 5.1.1
Release "grafana" has been upgraded. Happy Helming!
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:42:11 2021
NAMESPACE: default
STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME      NAMESPACE      REVISION      UPDATED      STATUS      CHART      APP VERSION
grafana   default        2            2021-02-03 20:42:11.9540917 +0100 CET  deployed   grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm rollback 1
```

```
MINGW64:/c/tutorials
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:

echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME    NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana  default        1            2021-02-03 20:41:40.8228416 +0100 CET  deployed   grafana-5.0.2  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana bitnami/grafana --version 5.1.1
Release "grafana" has been upgraded. Happy Helming!
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:42:11 2021
NAMESPACE: default
STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

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genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME    NAMESPACE      REVISION      UPDATED      STATUS      CHART
grafana  default        2            2021-02-03 20:42:11.9540917 +0100 CET  deployed   grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm rollback 1
Error: release: not found

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm rollback grafana 1
Rollback was a success! Happy Helming!

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
```

```
MINGW64:c/tutorials
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME    NAMESPACE      REVISION      UPDATED      STATUS      CHART      APP VERSION
grafana  default        1            2021-02-03  20:41:40.8228416 +0100 CET  deployed   grafana-5.0.2  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade grafana bitnami/grafana --version 5.1.1
Release "grafana" has been upgraded. Happy Helming!
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:42:11 2021
NAMESPACE: default
STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME    NAMESPACE      REVISION      UPDATED      STATUS      CHART      APP VERSION
grafana  default        2            2021-02-03  20:42:11.9540917 +0100 CET  deployed   grafana-5.1.1  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm rollback 1
Error: release: not found

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm rollback grafana 1
Rollback was a success! Happy Helming!

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm list
NAME    NAMESPACE      REVISION      UPDATED      STATUS      CHART      APP VERSION
grafana  default        3            2021-02-03  20:42:50.56416 +0100 CET  deployed   grafana-5.0.2  7.3.7

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

MINGW64:/c/tutorials

Helm Tutorial - Crash Course In 15 Minutes

genna@DESKTOP-TU5ECLU MINGW64 /c/tutorials

\$ helm show values



8:12 / 15:01 • Show, Override & Reset Values >

Scroll for details
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MINGW64:/c/tutorials

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm show values bitnami/grafana
```

```
MINGW64:/c/tutorials
## replicaCount: 1
## Pod annotations
## ref: https://kubernetes.io/docs/concepts/overview/working-with-objects/annotations/
##
## podAnnotations: {}
## Node labels for pod assignment
## Ref: https://kubernetes.io/docs/user-guide/node-selection/
##
## nodeSelector: {}
## Tolerations for pod assignment
## Ref: https://kubernetes.io/docs/concepts/configuration/taint-and-toleration/
##
## tolerations: []
## Affinity for pod assignment
## Ref: https://kubernetes.io/docs/concepts/configuration/assign-pod-node/#affinity-and-anti-affinity
##
## affinity: {}
## SecurityContext configuration
##
## securityContext:
##   enabled: true
##   runAsUser: 1001
##   fsGroup: 1001
##   runAsNonRoot: true
service:
## Grafana Image Renderer metrics port
##
## port: 8080
## Enable Prometheus metrics endpoint
##
metrics:
## Prometheus annotations
##
## annotations:
##   prometheus.io/scrape: "true"
##   prometheus.io/port: "8080"
##   prometheus.io/path: "/metrics"
## Prometheus Operator ServiceMonitor configuration
##
serviceMonitor:
## Namespace in which Prometheus is running
##
## namespace: monitoring
## Interval at which metrics should be scraped.
## ref: https://github.com/coreos/prometheus-operator/blob/master/Documentation/api.md#endpoint
##
## interval: 10s
## Timeout after which the scrape is ended
## ref: https://github.com/coreos/prometheus-operator/blob/master/Documentation/api.md#endpoint
##
## scrapeTimeout: 10s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

Helm | Installing Helm grafana 5.1.1 · bitnami/bitnami Home - Grafana

https://artifacthub.io/packages/helm/bitnami/grafana

ldap.allowSignUp	Allows LDAP sign up for Grafana	false
ldap.configMapName	Name of the ConfigMap with the LDAP configuration file for Grafana	nil
extraEnvVars	Array containing extra env vars to configure Grafana	{}
extraConfigmaps	Array to mount extra ConfigMaps to configure Grafana	{}
config.useGrafanaIniFile	Allows to load a grafana.ini file	false
config.grafanaIniConfigMap	Name of the ConfigMap containing the grafana.ini file	nil
config.grafanaIniSecret	Name of the Secret containing the grafana.ini file	nil
dashboardsProvider.enabled	Enable the use of a Grafana dashboard provider	false
dashboardsProvider.configMapName	Name of a ConfigMap containing a custom dashboard provider	nil (evaluated as a template)
dashboardsConfigMaps	Array with the names of a series of ConfigMaps containing dashboards files	nil
datasources.secretName	Secret name containing custom datasource files	nil

replicaCount 1/2

Deployment parameters

Parameter	Description	Default
replicaCount	Number of Grafana nodes	1
updateStrategy	Update strategy for the deployment	{type: "RollingUpdate"}
schedulerName	Alternative scheduler	nil
podLabels	Grafana pod labels	{ } (evaluated as a template)
podAnnotations	Grafana Pod annotations	{ } (evaluated as a template)
podAffinityPreset	Pod affinity preset. Ignored if affinity is set. Allowed values: soft or hard	""
podAntiAffinityPreset	Pod anti-affinity preset. Ignored if affinity is set. Allowed values: soft or hard	soft
nodeAffinityPreset.type	Node affinity preset type. Ignored if affinity is set. Allowed values: soft or hard	""
nodeAffinityPreset.key	Node label key to match Ignored if affinity is set.	""
nodeAffinityPreset.values	Node label values to match. Ignored if affinity is set.	[]
affinity	Affinity for pod assignment	{ } (evaluated as a template)
nodeSelector	Node labels for pod assignment	{ } (evaluated as a template)
tolerations	Tolerations for pod assignment	[] (evaluated as a template)
livenessProbe	Liveness probe configuration for Grafana	Check values.yaml file
readinessProbe	Readiness probe configuration for Grafana	Check values.yaml file

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MINGW64:/c/tutorials

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install --set replicaCount=2 grafana bitnami/grafana
```

MINGW64:/c/tutorials

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install --set replicaCount=2, grafana bitnami/grafana|
```

MINGW64:/c/tutorials

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install -f values.yaml grafana bitnami/grafana|
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install --set replicaCount=2 grafana bitnami/grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:50:27 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

VALUES VALIDATION:
WARNING: Using more than one replica requires using an external database to share data between Grafana instances.
        By default Grafana uses an internal sqlite3 per instance but you can configure an external MySQL or PostgreSQL.
        Please, ensure you provide a configuration file configuring the external database to share data between replicas.

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install --set replicaCount=2 grafana bitnami/grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:50:27 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

VALUES VALIDATION:
WARNING: Using more than one replica requires using an external database to share data between Grafana instances.
By default Grafana uses an internal sqlite3 per instance but you can configure an external MySQL or PostgreSQL.
Please, ensure you provide a configuration file configuring the external database to share data between replicas.

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
grafana-978c8b684-bf9z6   0/1     Running   0          9s
grafana-978c8b684-15mzb   0/1     Running   1          9s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install --set replicaCount=2 grafana bitnami/grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:50:27 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

VALUES VALIDATION:
WARNING: Using more than one replica requires using an external database to share data between Grafana instances.
By default Grafana uses an internal sqlite3 per instance but you can configure an external MySQL or PostgreSQL.
Please, ensure you provide a configuration file configuring the external database to share data between replicas.

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
grafana-978c8b684-bf9z6   0/1     Running   0          9s
grafana-978c8b684-15mzb   0/1     Running   1          9s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
grafana-978c8b684-bf9z6   1/1     Running   0          68s
grafana-978c8b684-15mzb   1/1     Running   1          68s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install --set replicaCount=2 grafana bitnami/grafana
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:50:27 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

VALUES VALIDATION:
WARNING: Using more than one replica requires using an external database to share data between Grafana instances.
By default Grafana uses an internal sqlite3 per instance but you can configure an external MySQL or PostgreSQL.
Please, ensure you provide a configuration file configuring the external database to share data between replicas.

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
grafana-978c8b684-bf9z6   0/1     Running   0          9s
grafana-978c8b684-15mzb   0/1     Running   1          9s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
grafana-978c8b684-bf9z6   1/1     Running   0          68s
grafana-978c8b684-15mzb   1/1     Running   1          68s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

MINGW64:/c/tutorials

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade --reset-values grafana bitnami/grafana
```

```
MINGW64:c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade --reset-values grafana bitnami/grafana
Release "grafana" has been upgraded. Happy Helming!
  NAME: grafana
  LAST DEPLOYED: Wed Feb  3 20:52:39 2021
  NAMESPACE: default
  STATUS: deployed
  REVISION: 2
  TEST SUITE: None
  NOTES:
    ** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
   echo "Browse to http://127.0.0.1:8080"
   kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
   echo "User: admin"
   echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ku|
```

```
MINGW64:c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm upgrade --reset-values grafana bitnami/grafana
Release "grafana" has been upgraded. Happy Helming!
NAME: grafana
LAST DEPLOYED: Wed Feb  3 20:52:39 2021
NAMESPACE: default
STATUS: deployed
REVISION: 2
TEST SUITE: None
NOTES:
** Please be patient while the chart is being deployed **

1. Get the application URL by running these commands:
echo "Browse to http://127.0.0.1:8080"
kubectl port-forward svc/grafana 8080:3000 &

2. Get the admin credentials:
echo "User: admin"
echo "Password: $(kubectl get secret grafana-admin --namespace default -o jsonpath=".data.GF_SECURITY_ADMIN_PASSWORD" | base64 --decode)"

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
grafana-598496b5b7-xhwsv  0/1     Running   0          8s
grafana-978c8b684-bf9z6   1/1     Running   0          2m21s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl get pods
NAME          READY   STATUS    RESTARTS   AGE
grafana-598496b5b7-xhwsv  1/1     Running   0          55s

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

MINGW64:/c/tutorials

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

MINGW64:/c/tutorials

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 4
drwxr-xr-x 1 genna 197609 0 Feb  3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello|
```

```
MINGW64:/c/tutorials/hello-world
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 4
drwxr-xr-x 1 genna 197609 0 Feb  3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb  3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609    0 Feb  3 20:57 charts/
drwxr-xr-x 1 genna 197609    0 Feb  3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb  3 20:57 values.yaml
|
```

```
MINGW64:/c/tutorials/hello-world
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 4
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb 3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 charts/
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb 3 20:57 values.yaml

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code|
```

The screenshot shows the Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Title Bar:** Chart.yaml - hello-world - Visual Studio Code
- Sidebar (Left):** Explorer, Open Editors, HELLO-WORLD (containing charts, templates, .helmignore, Chart.yaml, values.yaml).
- Editor Area:** The Chart.yaml file is open, displaying Helm chart configuration. The code is as follows:

```
apiVersion: v2
name: hello-world
description: A Helm chart for Kubernetes

# A chart can be either an 'application' or a 'library' chart.
#
# Application charts are a collection of templates that can be packaged into versioned archives
# to be deployed.
#
# Library charts provide useful utilities or functions for the chart developer. They're included as
# a dependency of application charts to inject those utilities and functions into the rendering
# pipeline. Library charts do not define any templates and therefore cannot be deployed.
type: application

# This is the chart version. This version number should be incremented each time you make changes
# to the chart and its templates, including the app version.
# Versions are expected to follow Semantic Versioning (https://semver.org/)
version: 0.1.0

# This is the version number of the application being deployed. This version number should be
# incremented each time you make changes to the application. Versions are not expected to
# follow Semantic Versioning. They should reflect the version the application is using.
appVersion: 1.16.0
```

- Bottom Status Bar:** Line 24, Col 1, Spaces: 2, UTF-8, LF, YAML, Prettier, Gen KAT?

File Edit Selection View Go Run Terminal Help

values.yaml - hello-world - Visual Studio Code

EXPLORER OPEN EDITORS HELLO-WORLD charts templates tests _helpers.tpl deploy/int.yaml hpa.yaml ingress.yaml NOTES.txt service.yaml serviceaccount.yaml .helignore Chart.yaml values.yaml

values.yaml

```
1 # Default values for hello-world.
2 # This is a YAML-formatted file.
3 # Declare variables to be passed into your templates.
4
5 replicaCount: 1
6
7 image:
8   repository: nginx
9   pullPolicy: IfNotPresent
10  # Overrides the image tag whose default is the chart appVersion.
11  tag: ""
12
13 imagePullSecrets: []
14 nameOverride: ""
15 fullnameOverride: ""
16
17 serviceAccount:
18  # Specifies whether a service account should be created
19  create: true
20  # Annotations to add to the service account
21  annotations: {}
22  # The name of the service account to use.
23  # If not set and create is true, a name is generated using the fullname template
24  name: ""
25
26 podAnnotations: {}
27
28 podSecurityContext: {}
29  # fsGroup: 2000
30
31 securityContext: {}
32  # capabilities:
33  #   drop:
34  #     - ALL
35  # readOnlyRootFilesystem: true
36  # runAsNonRoot: true
37  # runAsUser: 1000
38
39 service:
40   type: ClusterIP
41   port: 80
42
43 ingress:
44   enabled: false
45   annotations: {}
46   # kubernetes.io/ingress.class: nginx
47   # kubernetes.io/tls-acme: "true"
48   hosts:
49     - host: chart-example.local
50       paths: []
51   tls: []
```

OUTLINE GEN KA? Ln 14, Col 17 Spaces: 2 UTF-8 LF YAML Prettier

```
MINGW64:/c/tutorials/hello-world
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 4
drwxr-xr-x 1 genna 197609 0 Feb  3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb  3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609      0 Feb  3 20:57 charts/
drwxr-xr-x 1 genna 197609      0 Feb  3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb  3 20:57 values.yaml

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code .
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ |
```

MINGW64:/c/tutorials

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 4
drwxr-xr-x 1 genna 197609 0 Feb  3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb  3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609      0 Feb  3 20:57 charts/
drwxr-xr-x 1 genna 197609      0 Feb  3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb  3 20:57 values.yaml

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code .

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ cd ..

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 4
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb 3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 charts/
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb 3 20:57 values.yaml

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code .

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ cd ..

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
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drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb 3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 charts/
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb 3 20:57 values.yaml

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code .

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ cd ..

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install hello-world ./hello-world
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 4
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb 3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 charts/
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb 3 20:57 values.yaml

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code .

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ cd ..

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install hello-world ./hello-world-0.1.0.tgz
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 4
drwxr-xr-x 1 genna 197609 0 Feb  3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb  3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609      0 Feb  3 20:57 charts/
drwxr-xr-x 1 genna 197609      0 Feb  3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb  3 20:57 values.yaml

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code .

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ cd ..

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install hello-world ./hello-world-0.1.0.tgz
NAME: hello-world
LAST DEPLOYED: Wed Feb  3 21:01:29 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
NOTES:
1. Get the application URL by running these commands:
   export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")
   echo "Visit http://127.0.0.1:8080 to use your application"
   kubectl --namespace default port-forward $POD_NAME 8080:80

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ |
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 4
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb 3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 charts/
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb 3 20:57 values.yaml

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code .

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ cd ..

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install hello-world ./hello-world-0.1.0.tgz
NAME: hello-world
LAST DEPLOYED: Wed Feb 3 21:01:29 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
NOTES:
1. Get the application URL by running these commands:
export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")
echo "Visit http://127.0.0.1:8080 to use your application"
kubectl --namespace default port-forward $POD_NAME 8080:80

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 4
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb 3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 charts/
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb 3 20:57 values.yaml

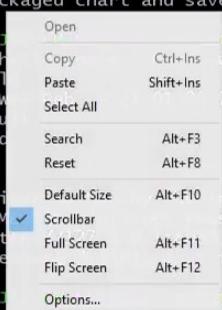
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code .

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ cd ..

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install hello-world ./hello-world-0.1.0.tgz
NAME: hello-world
LAST DEPLOYED: Wed Feb 3 20:57:21 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
NOTES:
1. Get the application's external IP:
   export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")
   echo "Visit http://\$POD_NAME:8080" | kubectl --namespace default forward \$POD_NAME 8080:80

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```



```
MINGW64:/c/tutorials
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm create hello-world
Creating hello-world

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 4
drwxr-xr-x 1 genna 197609 0 Feb  3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb  3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609      0 Feb  3 20:57 charts/
drwxr-xr-x 1 genna 197609      0 Feb  3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb  3 20:57 values.yaml

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code .

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ cd ..

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install hello-world ./hello-world-0.1.0.tgz
NAME: hello-world
LAST DEPLOYED: Wed Feb  3 21:01:29 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
NOTES:
1. Get the application URL by running these commands:
  export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")
  echo "Visit http://127.0.0.1:8080 to use your application"
  kubectl --namespace default port-forward $POD_NAME 8080:80

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ echo "Visit http://127.0.0.1:8080 to use your application"
Visit http://127.0.0.1:8080 to use your application

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl --namespace default port-forward $POD_NAME 8080:80
Forwarding from 127.0.0.1:8080 -> 80
Forwarding from [::1]:8080 -> 80
|
```



Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.

The screenshot shows a Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Explorer:** Shows a tree view of files in the "HELLO-WORLD" directory, including charts, templates, tests, and various configuration files like deployment.yaml, hpa.yaml, ingress.yaml, NOTES.txt, service.yaml, serviceaccount.yaml, .helignore, Chart.yaml, and values.yaml.
- Editor:** The main editor window displays the contents of the "values.yaml" file. The file is a YAML-formatted configuration for a Kubernetes chart, defining settings for deployment, service, and ingress resources.
- Status Bar:** Shows file statistics (Ln 8, Col 22, Spaces: 2, UTF-8, LF), file type (YAML), and a "Prettier" icon.

```
values.yaml
1 # Default values for hello-world.
2 # This is a YAML-formatted file.
3 # Declare variables to be passed into your templates.
4
5 replicaCount: 1
6
7 image:
8   repository: docker/getting-started
9   pullPolicy: IfNotPresent
10  # Overrides the image tag whose default is the chart appVersion.
11  tag: ""
12
13 imagePullSecrets: []
14 nameOverride: ""
15 fullnameOverride: ""
16
17 serviceAccount:
18  # Specifies whether a service account should be created
19  create: true
20  # Annotations to add to the service account
21  annotations: {}
22  # The name of the service account to use.
23  # If not set and create is true, a name is generated using the fullname template
24  name: ""
25
26 podAnnotations: {}
27
28 podSecurityContext: {}
29  # fsGroup: 2000
30
31 securityContext: {}
32  # capabilities:
33  #   drop:
34  #     - ALL
35  # readOnlyRootFilesystem: true
36  # runAsNonRoot: true
37  # runAsUser: 1000
38
39 service:
40   type: ClusterIP
41   port: 80
42
43 ingress:
44   enabled: false
45   annotations: {}
46   # kubernetes.io/ingress.class: nginx
47   # kubernetes.io/tls-acme: "true"
48   hosts:
49     - host: chart-example.local
50       paths: []
51   tls: []
```

```
MINGW64:/c/tutorials
$ ll
total 4
drwxr-xr-x 1 genna 197609 0 Feb  3 20:57 hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb  3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609  0 Feb  3 20:57 charts/
drwxr-xr-x 1 genna 197609  0 Feb  3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb  3 20:57 values.yaml

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code .

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ cd ..
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install hello-world ./hello-world-0.1.0.tgz |
NAME: hello-world
LAST DEPLOYED: Wed Feb  3 21:01:29 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
NOTES:
1. Get the application URL by running these commands:
export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath="{.items[0].metadata.name}")
echo "Visit http://127.0.0.1:8080 to use your application"
kubectl --namespace default port-forward $POD_NAME 8080:80

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath="{.items[0].metadata.name}")

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ echo "Visit http://127.0.0.1:8080 to use your application"
Visit http://127.0.0.1:8080 to use your application

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl --namespace default port-forward $POD_NAME 8080:80
Forwarding from 127.0.0.1:8080 -> 80
Forwarding from [::1]:8080 -> 80
Handling connection for 8080
Handling connection for 8080

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm uninstall hello-world
release "hello-world" uninstalled

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

```
MINGW64:/c/tutorials genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ cd hello-world/
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ ll
total 12
-rw-r--r-- 1 genna 197609 1102 Feb  3 20:57 Chart.yaml
drwxr-xr-x 1 genna 197609     0 Feb  3 20:57 charts/
drwxr-xr-x 1 genna 197609     0 Feb  3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb  3 20:57 values.yaml
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code .
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ cd ..
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install hello-world ./hello-world-0.1.0.tgz |
NAME: hello-world
LAST DEPLOYED: Wed Feb  3 21:01:29 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
NOTES:
1. Get the application URL by running these commands:
  export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")
  echo "Visit http://127.0.0.1:8080 to use your application"
  kubectl --namespace default port-forward $POD_NAME 8080:80
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ echo "Visit http://127.0.0.1:8080 to use your application"
Visit http://127.0.0.1:8080 to use your application
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl --namespace default port-forward $POD_NAME 8080:80
Forwarding from 127.0.0.1:8080 -> 80
Forwarding from [::]:8080 -> 80
Handling connection for 8080
Handling connection for 8080
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm uninstall hello-world
release "hello-world" uninstalled
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$
```

```
MINGW64:/c/tutorials
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 charts/
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 templates/
-rw-r--r-- 1 genna 197609 1804 Feb 3 20:57 hello-world.yaml

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ code .

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials/hello-world
$ cd ..

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install hello-world ./hello-world-0.1.0.tgz |
NAME: hello-world
LAST DEPLOYED: Wed Feb 3 21:01:29 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
NOTES:
1. Get the application URL by running these commands:
export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")
echo "Visit http://127.0.0.1:8080 to use your application"
kubectl --namespace default port-forward $POD_NAME 8080:80

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ echo "Visit http://127.0.0.1:8080 to use your application"
Visit http://127.0.0.1:8080 to use your application

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl --namespace default port-forward $POD_NAME 8080:80
Forwarding from 127.0.0.1:8080 -> 80
Forwarding from [::1]:8080 -> 80
Handling connection for 8080
Handling connection for 8080
Handling connection for 8080

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm uninstall hello-world
release "hello-world" uninstalled

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: C:\tutorials\hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 8
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 hello-world/
-rw-r--r-- 1 genna 197609 3583 Feb 3 21:03 hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install hello-world ./hello-world-0.1.0.tgz |
```

```
MINGW64:/c/tutorials
1. Get the application URL by running these commands:
$ export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")
$ echo "Visit http://127.0.0.1:8080 to use your application"
$ kubectl --namespace default port-forward $POD_NAME 8080:80

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")
$ echo "Visit http://127.0.0.1:8080 to use your application"
Visit http://127.0.0.1:8080 to use your application

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl --namespace default port-forward $POD_NAME 8080:80
Forwarding from 127.0.0.1:8080 -> 80
Forwarding from [::1]:8080 -> 80
Handling connection for 8080
Handling connection for 8080

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm uninstall hello-world
release "hello-world" uninstalled

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm package hello-world
Successfully packaged chart and saved it to: c:\tutorials\hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ ll
total 8
drwxr-xr-x 1 genna 197609 0 Feb 3 20:57 hello-world/
-rw-r--r-- 1 genna 197609 3583 Feb 3 21:03 hello-world-0.1.0.tgz

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm install hello-world ./hello-world-0.1.0.tgz |
NAME: hello-world
LAST DEPLOYED: Wed Feb 3 21:04:09 2021
NAMESPACE: default
STATUS: deployed
REVISION: 1
NOTES:
1. Get the application URL by running these commands:
$ export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")
$ echo "Visit http://127.0.0.1:8080 to use your application"
$ kubectl --namespace default port-forward $POD_NAME 8080:80

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ export POD_NAME=$(kubectl get pods --namespace default -l "app.kubernetes.io/name=hello-world,app.kubernetes.io/instance=hello-world" -o jsonpath=".items[0].metadata.name")
$ echo "Visit http://127.0.0.1:8080 to use your application"
Visit http://127.0.0.1:8080 to use your application

genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ kubectl --namespace default port-forward $POD_NAME 8080:80
Forwarding from 127.0.0.1:8080 -> 80
Forwarding from [::1]:8080 -> 80
```

Helm | Installing Helm | grafana 5.1.1 - bitnami/bitnami | Getting Started | +

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Getting Started

The command you just ran

Congratulations! You have started the container for this tutorial! Let's first explain the command that you just ran. In case you forgot, here's the command:

```
docker run -d -p 80:80 docker/getting-started
```

You'll notice a few flags being used. Here's some more info on them:

- `-d` - run the container in detached mode (in the background)
- `-p 80:80` - map port 80 of the host to port 80 in the container
- `docker/getting-started` - the image to use

Pro tip

You can combine single character flags to shorten the full command. As an example, the command above could be written as:

```
docker run -dp 80:80 docker/getting-started
```

The Docker Dashboard

Before going too far, we want to highlight the Docker Dashboard, which gives you a quick view of the containers running on your machine. It gives you quick access to container logs, lets you get a shell inside the container, and lets you easily manage container lifecycle (stop, remove, etc.).

To access the dashboard, follow the instructions for either [Mac](#) or [Windows](#). If you open the dashboard now, you will see this tutorial running! The container name (`jolly_bouman` below) is a randomly created name. So, you'll most likely have a different name.

GEN KA?

MINGW64:/c/tutorials

```
genna@DESKTOP-TJ5ECLU MINGW64 /c/tutorials
$ helm repo index . --url https://your.repo
```