helm help

In case you want any help on command available with helm.

```
# helm help
```

Lets suppose you want more details about any command option you can use helm help <command> as below. Here in the below case we taken help on search command:

```
# helm help search
```

helm search

In case you want to search for any chart you can helm search command for the same.

```
# helm search phpmyadmin
NAME                    CHART VERSION    APP VERSION      DESCRIPTION
stable/phpmyadmin       4.3.5            5.0.1            DEPRECATED
phpMyAdmin is an mysql administration frontend
```

helm fetch

In case you don't want to install the helm chart however you just want to download the chart locally then use helm along with fetch option followed by chart name as below. It will download all chart and template files in the current directory.

```
# helm fetch stable/phpmyadmin
# ls -ltr
total 32
-rw-r--r-- 1 root root 28921 Jun 29 11:04 phpmyadmin-4.3.5.tgz
#
```

helm install

If you want to install helm chart use install option followed by chart name . You can user –values option in case you want to use your own values.yaml file. In case you want to give it name to the deployed chart use –name option as below also chart version could be specified using –version option as below:

```
# helm install stable/phpmyadmin --name myphpadmin --version 4.3.3
```

The above command also gives overview of the resources deployed by helm in the output. In case you want to check it from the kubernetes front use below command:

```
# kubectl get all |grep -i myphpadmin
pod/myphpadmin-phpmyadmin-76966d4fd-wvf7l    0/1      Running   1
79s
service/myphpadmin-phpmyadmin    ClusterIP    10.99.151.168    <none>
80/TCP    80s
deployment.apps/myphpadmin-phpmyadmin    0/1      1            0
79s
replicaset.apps/myphpadmin-phpmyadmin-76966d4fd    1          1        0
79s
#
```

- ## helm status

This command will give the curent status of the chart installation. You need to give the name of the chart which is being used in the helm install command as below:

```
# helm status myphpadmin
```

- ## helm list

To list down currently deployed chart use helm list command.

```
# helm list
NAME            REVISION       UPDATED                        STATUS
CHART                  APP VERSION    NAMESPACE
myphpadmin    1              Mon Jun 29 11:35:32 2020        DEPLOYED
phpmyadmin-4.3.3      5.0.1          default
#
```

- ## helm upgrade

In case you want to upgrade the current version of helm chart, use upgrade command. In our helm install example we installed version 4.3.3 now we will upgrading the chart to 4.3.4 version using below command.

```
# helm upgrade myphpadmin stable/phpmyadmin --version 4.3.4
```

- ## helm history

To check the history of the chart installed use command helm history followed by chartname.

```
# helm history myphpadmin
REVISION       UPDATED                        STATUS         CHART
```

```
APP VERSION      DESCRIPTION
1                Mon Jun 29 11:35:32 2020        SUPERSEDED      phpmyadmin-
4.3.3       5.0.1            Install complete
2                Mon Jun 29 11:53:48 2020        DEPLOYED        phpmyadmin-
4.3.4       5.0.1            Upgrade complete
#
```

- # helm rollback

In case you are not happy with upgraded version and you want to rollback to previous version use helm rollback along with revision number as below:

```
# helm rollback myphpadmin 1
Rollback was a success.
#
```

- # helm delete

To delete the installed chart use helm delete command as below:

```
# helm delete myphpadmin
release "myphpadmin" deleted
#
```

- # helm repo list

To list down currently used repositories use helm repo list command.

```
# helm repo list
NAME     URL
stable   https://kubernetes-charts.storage.googleapis.com
local    http://127.0.0.1:8879/charts
#
```

- # helm repo update

To update repositories use helm repo update command.

```
# helm repo update
Hang tight while we grab the latest from your chart repositories...
...Skip local chart repository
...Successfully got an update from the "stable" chart repository
Update Complete.
#
```

- # helm reset

If you want to uninstall the tiller component use command helm reset along with option "–remove-helm-home" in case you want to remove the home directory of the helm. Also -f option to do it forcefully.

```
# helm reset -f --remove-helm-home
Deleting /root/.helm
Tiller (the Helm server-side component) has been uninstalled from your
Kubernetes Cluster.
#
```