

Thing you should Practice Always:

For Every Helm Chart Deployment you will See Chart.yaml File. You Should Always Update the Hem version of the Helm Chart. Which Will Help you to Identify the changes.

```
crictacker-career-dev > ! Chart.yaml > ...
Helm Chart.yaml (chart.json)
1  apiVersion: v2
2  name: crictacker-career-prod-dev
3  description: A Helm chart for crictacker career dev
4
5  # A chart can be either an 'application' or a 'library' chart.
6  #
7  # Application charts are a collection of templates that can be packaged into versioned archives
8  # to be deployed.
9  #
10 # Library charts provide useful utilities or functions for the chart developer. They're included as
11 # a dependency of application charts to inject those utilities and functions into the rendering
12 # pipeline. Library charts do not define any templates and therefore cannot be deployed.
13 type: application
14
15 # This is the chart version. This version number should be incremented each time you make changes
16 # to the chart and its templates, including the app version.
17 # Versions are expected to follow Semantic Versioning (https://semver.org/)
18 version: 0.1.6
19
20 # This is the version number of the application being deployed. This version number should be
21 # incremented each time you make changes to the application. Versions are not expected to
22 # follow Semantic Versioning. They should reflect the version the application is using.
23 # It is recommended to use it with quotes.
24 appVersion: "1.16.0"
25
```

Update Respective Chart Version Here After Every Changes in Any Chart File.

Here are Examples with Old and Updated values to Update in the helm chart.

Current Value	0.1.6	0.1.9	2.0.0	2.5.0
Updated Value	0.1.7	2.0.0	2.0.1	2.5.1

How To Add New ENV in Deployment:

❖ **NOTE:** In this Doc's we are taking the **Crictracker Project**.

First take Clone of Helm Chart Repo or If you clone already than please take git pull using following cmd

- git clone -b main <https://github.com/yudiz-solutions/crictracker-helmcharts-prod.git>

```

~/Downloads/cric-demo git clone -b main https://github.com/yudiz-solutions/crictracker-helmcharts-prod.git
Cloning into 'crictracker-helmcharts-prod'...
remote: Enumerating objects: 2719, done.
remote: Counting objects: 100% (2719/2719), done.
remote: Compressing objects: 100% (925/925), done.
remote: Total 2719 (delta 1812), reused 2652 (delta 1769), pack-reused 0
Receiving objects: 100% (2719/2719), 492.17 KiB | 1.08 MiB/s, done.
Resolving deltas: 100% (1812/1812), done.
~/Downloads/cric-demo

```

OR

- git pull

After Taking Git Clone, Now Let goto repo and type below cmd

- Ls

```

~/Downloads/cric-demo/crictracker-helmcharts-prod | main ls
Jenkinsfile
cluster-read-only
cric-article-local-dev-pm2metricsvc.yaml
crictracker-admin-frontend-dev
crictracker-admin-frontend-local-dev
crictracker-admin-frontend-prod
crictracker-ampconverter-prod
crictracker-article-dev
crictracker-article-local-dev
crictracker-article-prod
crictracker-authentication-dev
crictracker-authentication-local-dev
crictracker-authentication-prod
crictracker-career-dev
crictracker-career-local-dev
crictracker-career-prod
crictracker-crons-dev
crictracker-crons-local-dev
crictracker-crons-local-dev-deployment
crictracker-crons-prod
crictracker-crons-prod-deployment
crictracker-gateway-dev
crictracker-gateway-local-dev
crictracker-gateway-prod
crictracker-global-widget-dev
crictracker-global-widget-local-dev
crictracker-global-widget-prod
crictracker-help-dev
crictracker-help-local-dev
crictracker-help-prod
crictracker-image-website-dev
crictracker-image-website-local-dev
crictracker-image-website-prod
crictracker-ingress-dev
crictracker-ingress-local-dev
crictracker-ingress-monitoring
crictracker-ingress-prod
crictracker-jenkins
crictracker-matchmanagement-dev
crictracker-matchmanagement-dev-crons
crictracker-matchmanagement-local-dev
crictracker-matchmanagement-local-dev-crons
crictracker-matchmanagement-prod
crictracker-matchmanagement-prod-crons
crictracker-migrations-dev

```

Now You are in the Directory where all your helm charts are Stored.

Note Like you have to Add ENV in “crictracker-career-dev”

ENV to Add:

MAINTAINER: "devops_team"

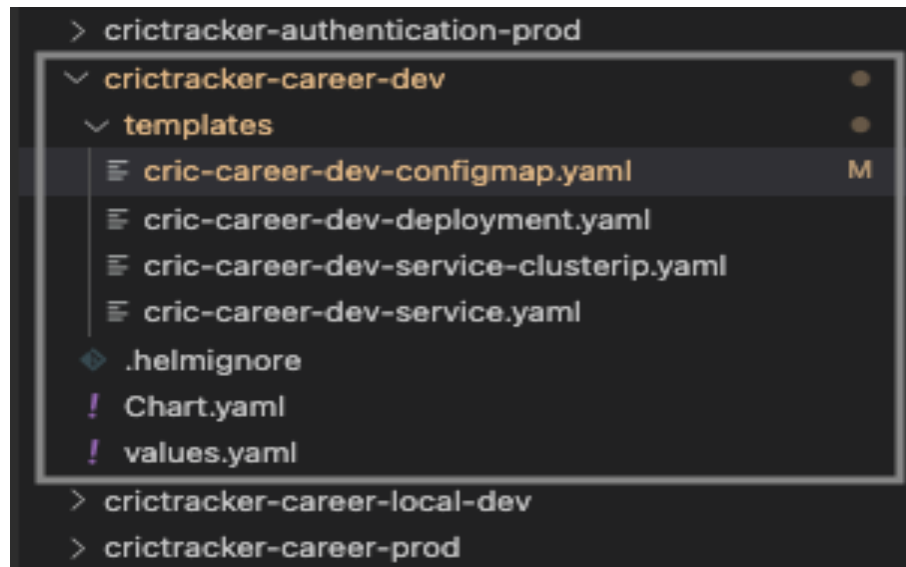
To do that so first search for “cric-career-dev-configmap.yaml” directory, If you are using VS-code You will see like:

```

cric-career-dev-configmap.yaml
1 kind: ConfigMap
2 apiVersion: v1
3 metadata:
4   name: {{ .Release.Name }}
5   namespace: {{ .Values.namespace }}
6 data:
7   REDIS_HOST: "crictracker-redis-dev-headless.dev.svc.cluster.local"
8   REDIS_PORT: "6379"
9   NODE_ENV: dev-prod
10  PORT: "4807"
11  SUPPORT_EMAIL: "Crictracker@yudizproject.tk"
12  AWS_REGION: "ap-south-1"
13  S3_BUCKET_NAME: "crictracker-admin-panel-08032022"
14  S3_BUCKET_URL: "https://crictracker-admin-panel-08032022.s3.ap-south-1.amazonaws.com/"
15  S3_BUCKET_PROFILE_PATH: profile-pic/
16  S3_BUCKET_KVC_PATH: kvc/pan/
17  S3_BUCKET_FB_PATH: fb/
18  S3_BUCKET_TWITTER_PATH: twitter/
19  S3_BUCKET_ARTICLE_FEATUREIMAGE_PATH: media/featureimage
20  S3_BUCKET_ARTICLE_THUMBIMAGE_PATH: media/thumbnailimage
21  S3_BUCKET_JOB_APPLY_CV_PATH: job/cv/
22  # AUTH SUBGRAPH URL: "https://auth-dev-beta.crictracker.com/"
23  AUTH_SUBGRAPH_URL: http://crictracker-authentication-dev-internal.dev.svc.cluster.local
24  SENTRY_DSN: "https://c7afbd8451674161b1929f2af68253ba0992135.ingest.sentry.io/6073494"

```

You will find “cric-career-dev-configmap.yaml” file under templates

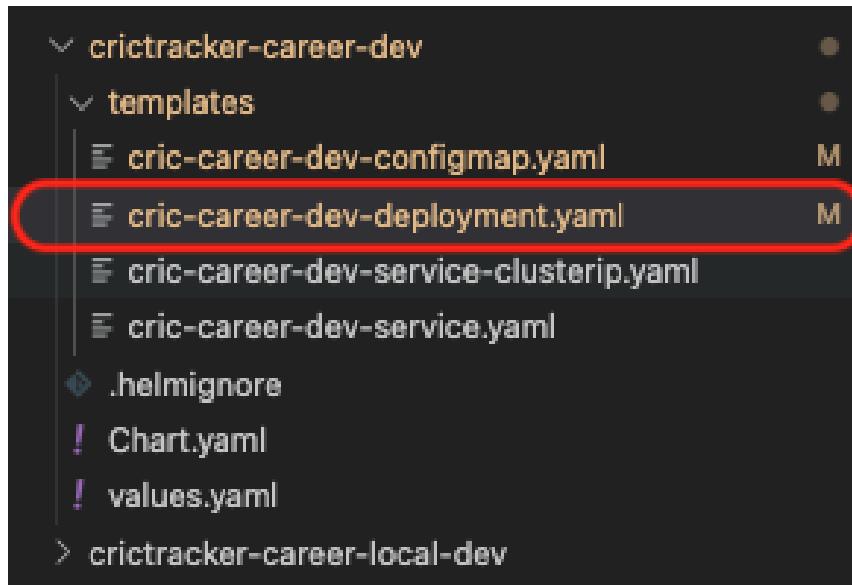


Open that file and **ADD** ENV at bottom of the file as shown below.

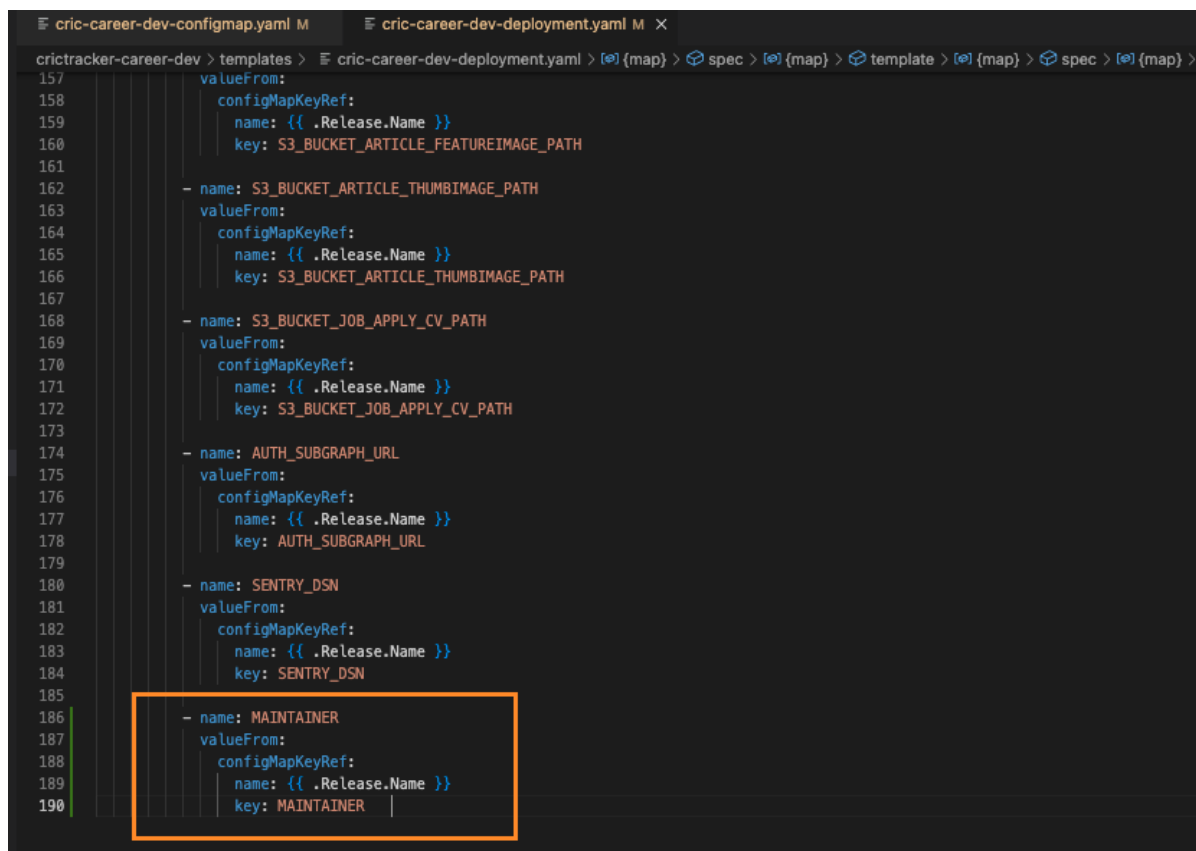
```
cric-career-dev-configmap.yaml M X
crictracker-career-dev > templates > cric-career-dev-configmap.yaml > {map} > data > {map}
1  kind: ConfigMap
2  apiVersion: v1
3  metadata:
4    name: {{ .Release.Name }}
5    namespace: {{ .Values.namespace }}
6  data:
7    REDIS_HOST: "crictracker-redis-dev-headless.dev.svc.cluster.local"
8    REDIS_PORT: "6379"
9    NODE_ENV: dev-prod
10   PORT: "4007"
11   SUPPORT_EMAIL: 'Crictracker@yudizproject.tk'
12   AWS_REGION: "ap-south-1"
13   S3_BUCKET_NAME: 'crictracker-admin-panel-08032022'
14   S3_BUCKET_URL: 'https://crictracker-admin-panel-08032022.s3.ap-south-1.amazonaws.com/'
15   S3_BUCKET_PROFILE_PATH: profile-pic/
16   S3_BUCKET_KYC_PATH: kyc/pan/
17   S3_BUCKET_FB_PATH: fb/
18   S3_BUCKET_TWITTER_PATH: twitter/
19   S3_BUCKET_ARTICLE_FEATUREIMAGE_PATH: media/featureimage
20   S3_BUCKET_ARTICLE_THUMBIMAGE_PATH: media/thumbnailimage
21   S3_BUCKET_JOB_APPLY_CV_PATH: job/cv/
22   # AUTH_SUBGRAPH_URL: 'https://auth-dev.beta.crictracker.com'
23   AUTH_SUBGRAPH_URL: http://crictracker-authentication-dev-internal.dev.svc.cluster.local
24   SENTRY_DSN: 'https://c7afbdb451d74161b1929f2af68253ba@o992135.ingest.sentry.io/6073494'
25
26   MAINTAINER: "devops_team"
27
28
```

Now save that file.

Now Open Deployment file you will find “cric-career-dev-configmap.yaml” file under templates



Go to bottom of the file and added content like below



Now save the file

Now add this changes in git using following command

- git add crictracker-career-dev
- git commit -m "env update"
- git push

Summary

Change made in 2 file "cric-career-dev-configmap.yaml" and "cric-career-dev-deployment.yaml" in Configmap file:

```

20 S3_BUCKET_ARTICLE_THUMBIMAGE_PATH: media/thumbnaillImage
21 S3_BUCKET_JOB_APPLY_CV_PATH: job/cv/
22 # AUTH_SUBGRAPH_URL: 'https://auth-dev.beta.crictracker.com'
23 AUTH_SUBGRAPH_URL: http://crictracker-authentication-dev-internal.dev.svc.cluster.local
24 SENTRY_DSN: 'https://c7afbdb451d74161b1929f2af68253ba@o992135.ingest.sentry.io/6073494'
25
26
27 MAINTAINER: "devops_team"
28

```

In Deployment file:

```

173
174     - name: AUTH_SUBGRAPH_URL
175       valueFrom:
176         configMapKeyRef:
177           name: {{ .Release.Name }}
178           key: AUTH_SUBGRAPH_URL
179
180     - name: SENTRY_DSN
181       valueFrom:
182         configMapKeyRef:
183           name: {{ .Release.Name }}
184           key: SENTRY_DSN
185
186     - name: MAINTAINER
187       valueFrom:
188         configMapKeyRef:
189           name: {{ .Release.Name }}
190           key: MAINTAINER

```

Note: In the deployment file you will notice that the name and key is the same as ENV key. If you find any difficulty understanding this Doc's you can contact Aman and Ravi.

How To Change existing ENV in Deployments:

- ❖ **NOTE:** In this Doc's we are taking the **Crictracker Project**.

First take Clone of Helm Chart Repo or If you clone already than please take git pull using following cmd

- git clone -b main <https://github.com/yudiz-solutions/crictracker-helmcharts-prod.git>

```
~/Downloads/cric-demo git clone -b main https://github.com/yudiz-solutions/crictracker-helmcharts-prod.git
Cloning into 'crictracker-helmcharts-prod'...
remote: Enumerating objects: 2719, done.
remote: Counting objects: 100% (2719/2719), done.
remote: Compressing objects: 100% (925/925), done.
remote: Total 2719 (delta 1812), reused 2652 (delta 1769), pack-reused 0
Receiving objects: 100% (2719/2719), 492.17 KiB | 1.08 MiB/s, done.
Resolving deltas: 100% (1812/1812), done.
~/Downloads/cric-demo
```

OR

- git pull

After Taking Git Clone, Now Let goto repo and type below cmd

- ls

```
~/Downloads/cric-demo/crictracker-helmcharts-prod | main ls
Jenkinsfile
cluster-read-only
cric-article-local-dev-pm2metricsvc.yaml
crictracker-admin-frontend-dev
crictracker-admin-frontend-local-dev
crictracker-admin-frontend-prod
crictracker-ampconverter-prod
crictracker-article-dev
crictracker-article-local-dev
crictracker-article-prod
crictracker-authentication-dev
crictracker-authentication-local-dev
crictracker-authentication-prod
crictracker-career-dev
crictracker-career-local-dev
crictracker-career-prod
crictracker-crons-dev
crictracker-crons-local-dev
crictracker-crons-local-dev-deployment
crictracker-crons-prod
crictracker-crons-prod-deployment
crictracker-gateway-dev
crictracker-gateway-local-dev
crictracker-gateway-prod
crictracker-global-widget-dev
crictracker-global-widget-local-dev
crictracker-global-widget-prod
crictracker-help-dev
crictracker-help-local-dev
crictracker-help-prod
crictracker-image-website-dev
crictracker-image-website-local-dev
crictracker-image-website-prod
crictracker-ingress-dev
crictracker-ingress-local-dev
crictracker-ingress-monitoring
crictracker-ingress-prod
crictracker-jenkins
crictracker-matchmanagement-dev
crictracker-matchmanagement-dev-crons
crictracker-matchmanagement-local-dev
crictracker-matchmanagement-local-dev-crons
crictracker-matchmanagement-prod
crictracker-matchmanagement-prod-crons
crictracker-migrations-dev
```

Now You are in the Directory where all your helm charts are Stored.

Note Like you have to Change ENV in “crictracker-career-dev”

```
~/Documents/demo/waf_br/kudi_helm_charts kudi-staging > ls
Jenkinsfile
JenkinsfileDocker
Jenkinsfiletemp
kudi-admin-panel
kudi-admin-panel-stag
kudi-app
kudi-app-stag
kudi-crons
kudi-ingress
kudi-ingress-argocd
kudi-ingress-stag
kudi-mongo-db-stag
kudi-mysql-stag
kudi-node
kudi-node-admin
kudi-node-admin-stag
kudi-node-backend
kudi-node-backend-stag
kudi-node-notifications
kudi-node-notifications-stag
kudi-node-payments
kudi-node-payments-stag
kudi-node-public-banners
kudi-node-public-banners-stag
kudi-node-stag
kudi-node-statics
kudi-node-statics-stag
kudi-node-user-informations
kudi-node-user-informations-stag
kudi-prize-distribution
kudi-prize-distribution-stag
kudi-production-helmfile.yaml
kudi-redis-stag
kudi-secrets
kudi-staging-helmfile.yaml
test
```

Here you will find all Helm charts.

Not Like you have to Change ENV in “crictracker-career-dev”

ENV to Change

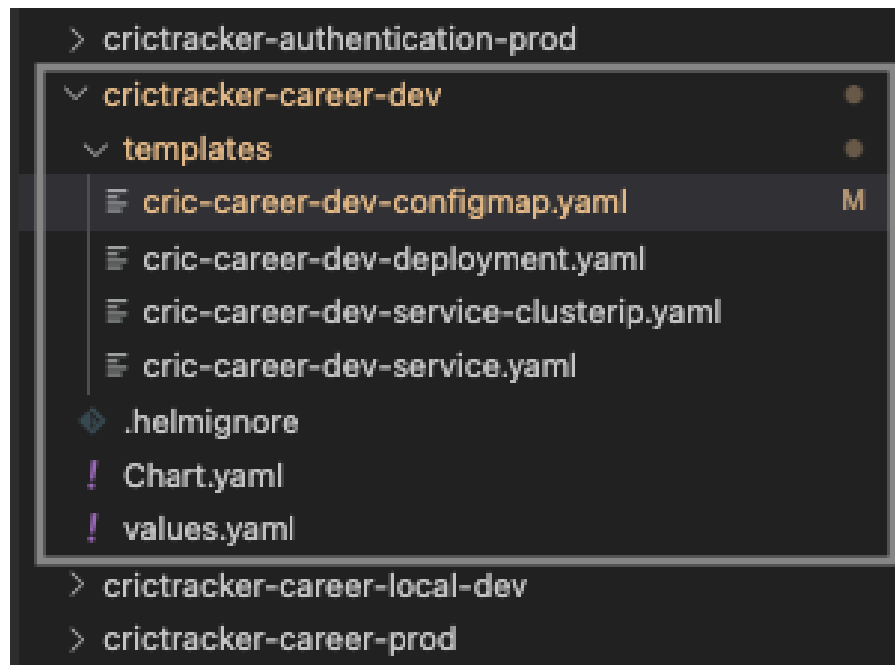
S3_BUCKET_FB_PATH: fb/

TO

S3_BUCKET_FB_PATH: facebook/

To do that so first search for “crictracker-career-dev” directory, If you are using VS-code You will see like:

You will find “cric-career-dev-configmap.yaml” file under templates



Open that file and find for “S3_BUCKET_FB_PATH” and replaced his value

```
1 kind: ConfigMap
2 apiVersion: v1
3 metadata:
4   name: {{ .Release.Name }}
5   namespace: {{ .Values.namespace }}
6 data:
7   REDIS_HOST: "crictracker-redis-dev-headless.dev.svc.cluster.local"
8   REDIS_PORT: "6379"
9   NODE_ENV: dev-prod
10  PORT: "4007"
11  SUPPORT_EMAIL: 'Crictracker@yudizproject.tk'
12  AWS_REGION: "ap-south-1"
13  S3_BUCKET_NAME: 'crictracker-admin-panel-08032022'
14  S3_BUCKET_URL: 'https://crictracker-admin-panel-08032022.s3.ap-south-1.amazonaws.com/'
15  S3_BUCKET_PROFILE_PATH: profile-pic/
16  S3_BUCKET KYC PATH: kyc/pan/
17  S3_BUCKET_FB_PATH: fb/
18  S3_BUCKET_TWITTER_PATH: twitter/
19  S3_BUCKET_ARTICLE_FEATUREIMAGE_PATH: media/featureimage
20  S3_BUCKET_ARTICLE_THUMBIMAGE_PATH: media/thumbnailimage
21  S3_BUCKET_JOB_APPLY_CV_PATH: job/cv/
22  # AUTH_SUBGRAPH_URL: 'https://auth-dev.beta.crictracker.com'
23  AUTH_SUBGRAPH_URL: http://crictracker-authentication-dev-internal.dev.svc.cluster.local
24  SENTRY_DSN: 'https://c7afbdb451d74161b1929f2af68253ba@o992135.ingest.sentry.io/6073494'
25
26
27  MAINTAINER: "devops_team"
28
```

Edit Value of S3_BUCKET_FB_PATH
Here with New Values.

Now save the file.

Now add this changes in git using following command

- `git add crictracker-career-dev`
- `git commit -m "env update"`
- `git push`

How Kubernetes will Sense the Additions/Changes:

After Your Push to the github Repo, there is One CI/CD Running With Jenkins which Will push the helm package to the regarded package registry.

So You must check that New Package is Updated in the package registry. And Then You should Upgrade the helm chart with the New version of the Helm chart.