

Helm - Módulo 1: Primeros Pasos con Helm

Creando a nosa primera release

El pdf deberá contener

- Los comandos necesarios para añadir un repositorio

```
iBerto:~/Developer/helm101 🚀  
iBerto:~/Developer/helm101 🚀 helm repo add bitnami https://charts.bitnami.com/bitnami  
"bitnami" has been added to your repositories  
iBerto:~/Developer/helm101 🚀
```

- El fichero YAML con los parámetros de configuración

values.yaml

```
primary:  
  service:  
    port: 3500  
  persistence:  
    enabled: false  
  
auth:  
  rootPassword: "gustavo"  
  database: "datos-maria"  
  username: "a-femenias"  
  password: "a-femenias123"  
  
secondary:  
  persistence:  
    enabled: false
```

- Los comandos para crear la release

```
iBerto:~/Developer/helm101 🚀 helm install mi-maria -f valores.yaml bitnami/mariadb  
NAME: mi-maria  
LAST DEPLOYED: Thu Feb  4 20:05:57 2021  
NAMESPACE: default  
STATUS: deployed  
REVISION: 1  
TEST SUITE: None  
NOTES:  
Please be patient while the chart is being deployed
```

(podemos usar --debug para ver una salida más detallada)

```
iBerto:~/Developer/helm101 🚀 kubectl get pods  
NAME                READY   STATUS    RESTARTS   AGE  
mi-maria-mariadb-0  1/1     Running   0           6m19s  
iBerto:~/Developer/helm101 🚀
```

- Los comandos de conexión con la base de datos:

```
iBerto:~/Developer/helm101 kubectl port-forward --address 0.0.0.0 pod/mi-maria-mariadb-0 3306:3306
Forwarding from 0.0.0.0:3306 -> 3306
Handling connection for 3306
```

```
alberto — mysql -h 127.0.0.1 -u root -p — 80x26
iBerto:~ mysql -h 127.0.0.1 -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 33
Server version: 5.5.5-10.5.8-MariaDB Source distribution

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| datos-maria |
| information_schema |
| mysql |
```