

# Formation

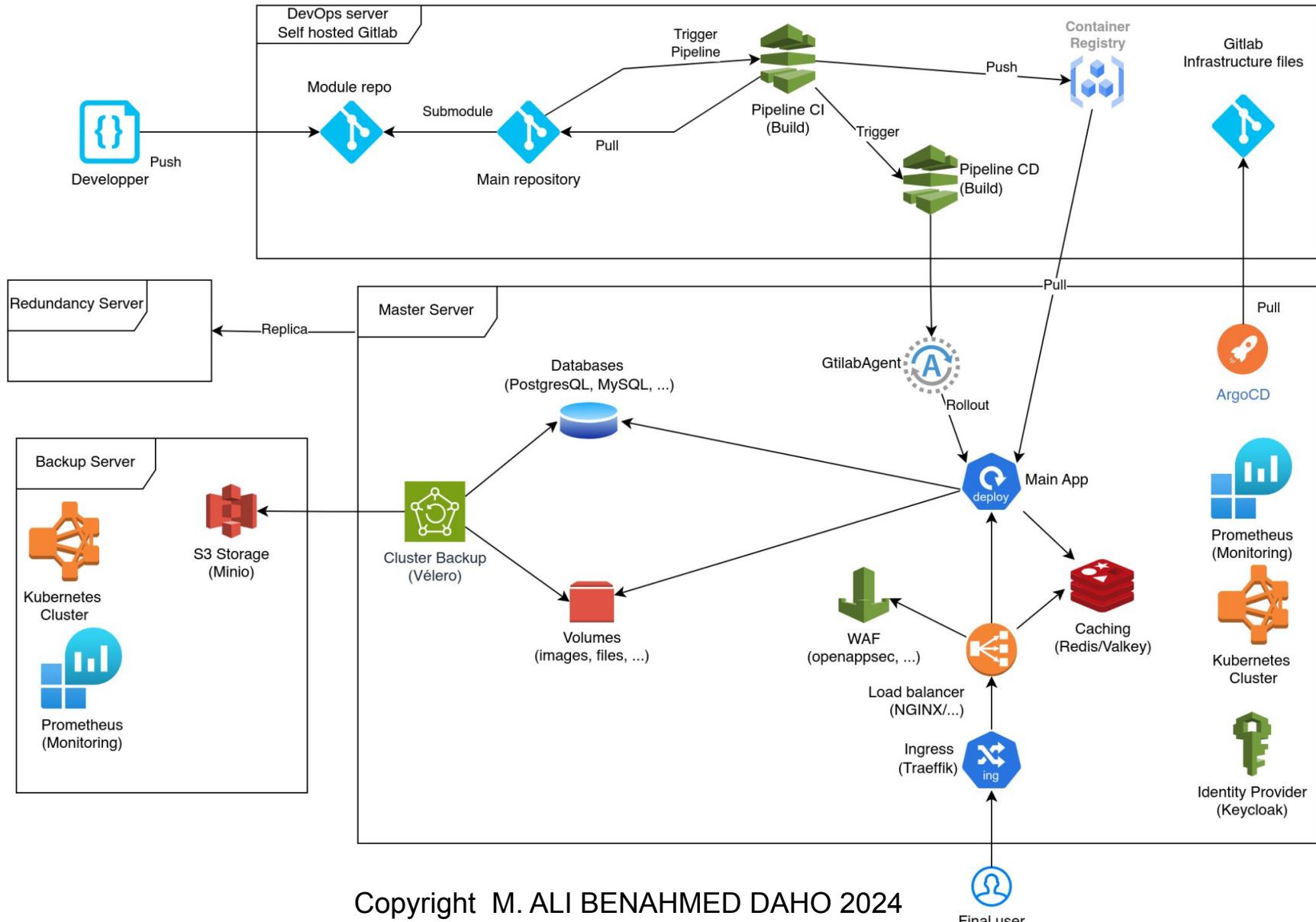
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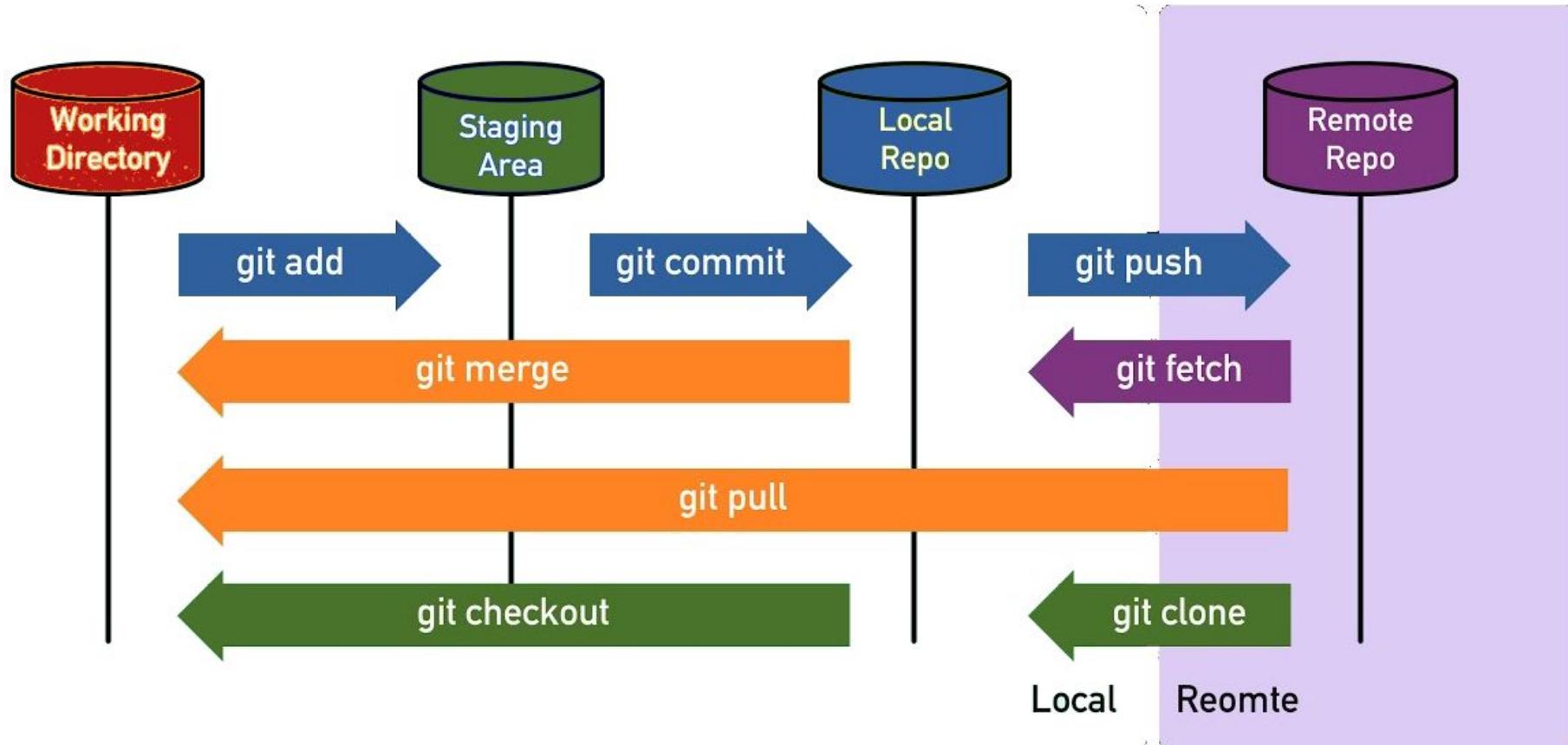
Cours élaboré par :  
**M. Ali BENAHMED DAHO**

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# Concepts et Pratiques DevOps > Outils DevOps : Vue d'Ensemble



## Concepts et Pratiques DevOps > Outils DevOps : Vue d'Ensemble



## Concepts et Pratiques DevOps > Outils DevOps : Vue d'Ensemble

### BRANCHES NAMING CONVENTIONS

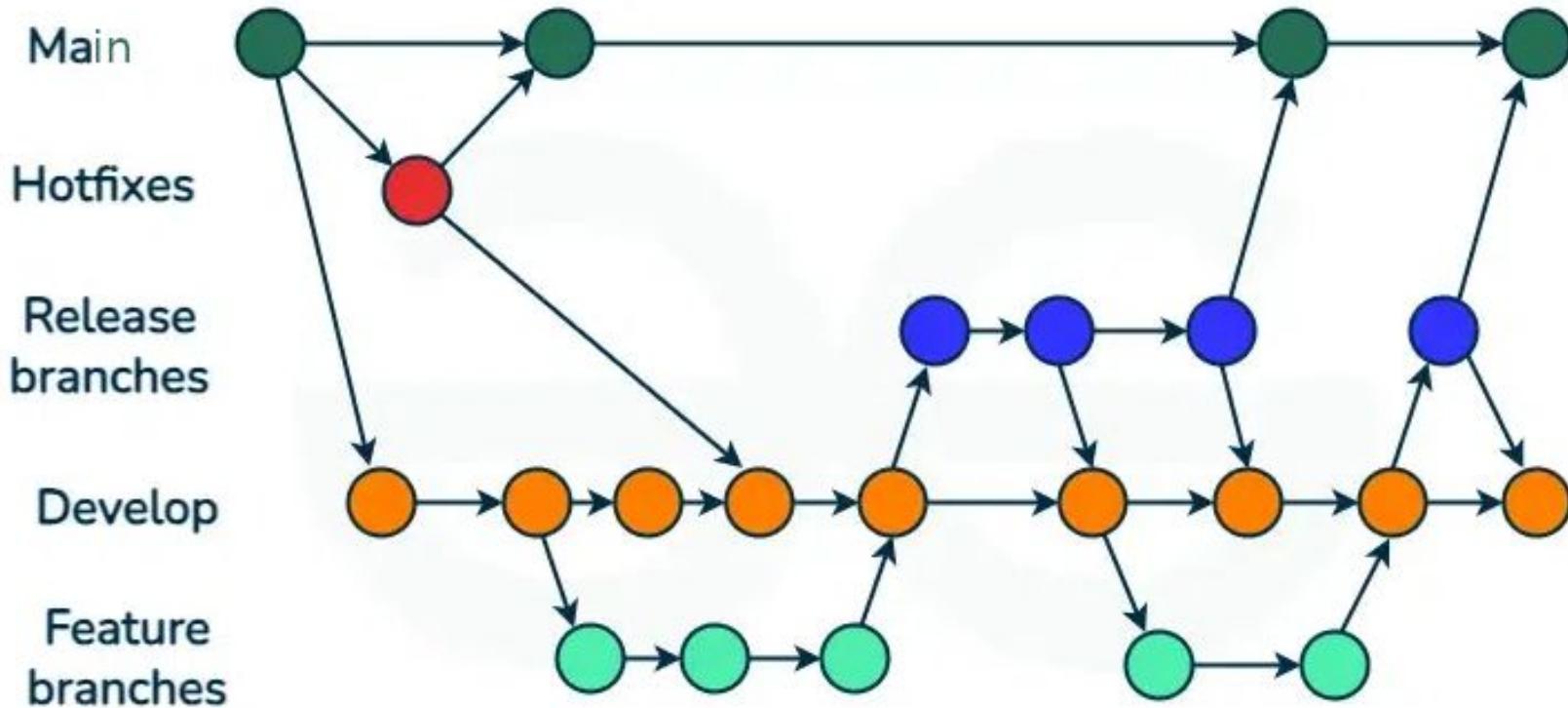
- New features -> `Feature/feature-name`
- Enhancements -> `Enhancements/enhancements-description`
- Bug fixes -> `Fixes/small-description`

### IMPORTANT FOR NAMING BRANCHES

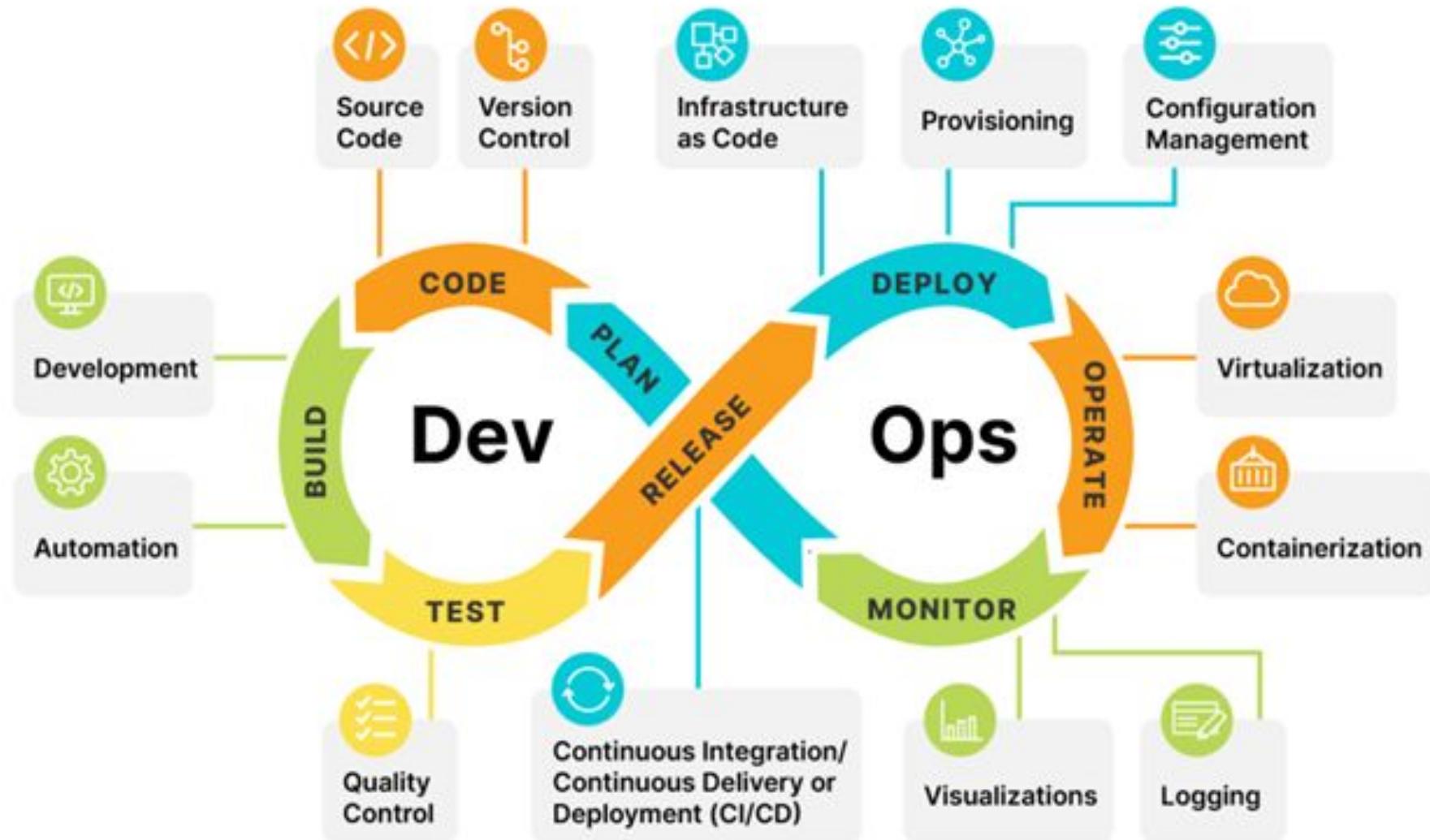
- **kabab-case** for names/descriptions
- **Uppercase** for the first letter
- **Lowercase** for all the remaining letter
- **NO** spaces



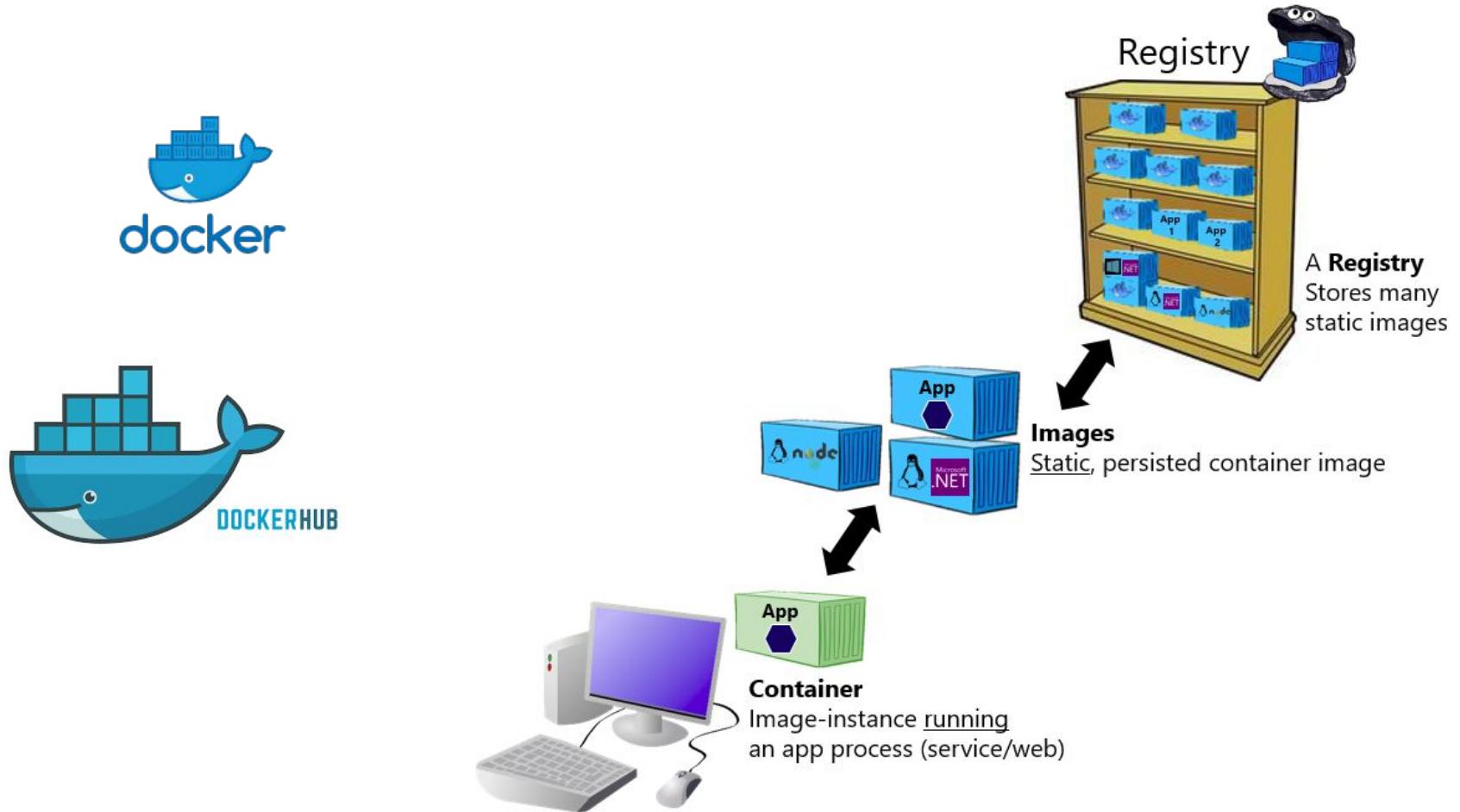
## Concepts et Pratiques DevOps > Outils DevOps : Vue d'Ensemble



## Outils et Techniques Avancées > DevOps process



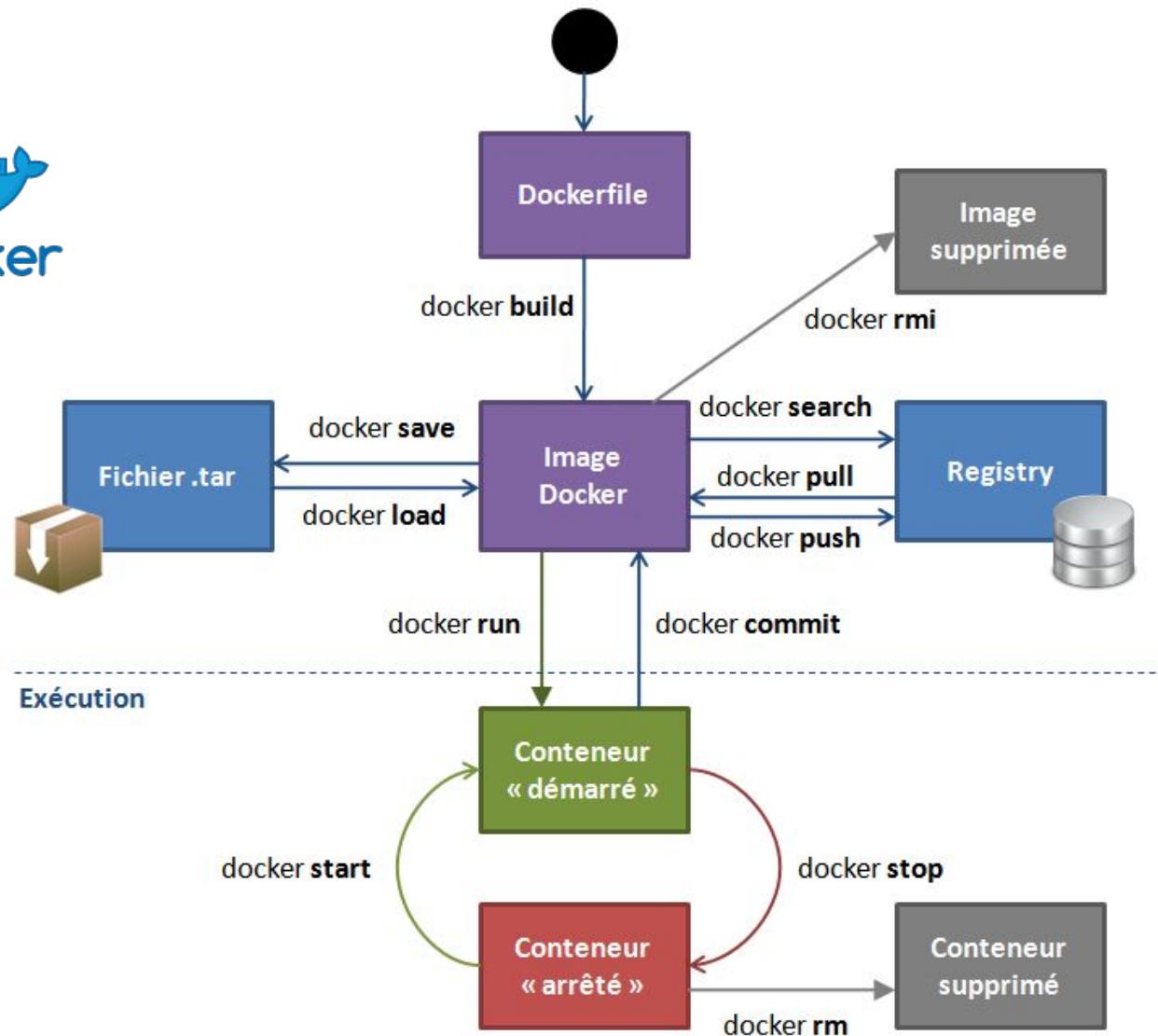
## Outils et Techniques Avancées > Docker et la Containerisation



## Outils et Techniques Avancées > Docker et la Containerisation

	JFROG CONTAINER REGISTRY	aws ECR	GCR	ACR	GITLAB	HARBOR
FULLY HYBRID	●	○	○	○	●	●
DOCKER REGISTRY	●	●	●	●	●	●
HELM REGISTRY	●	○	○	●	○	●
GENERIC REPOSITORIES	●	○	○	○	○	○
REMOTE REPOSITORIES	●	○	○	○	○	●
VIRTUAL REPOSITORIES	●	○	○	○	○	○
RICH METADATA	●	○	○	○	○	○

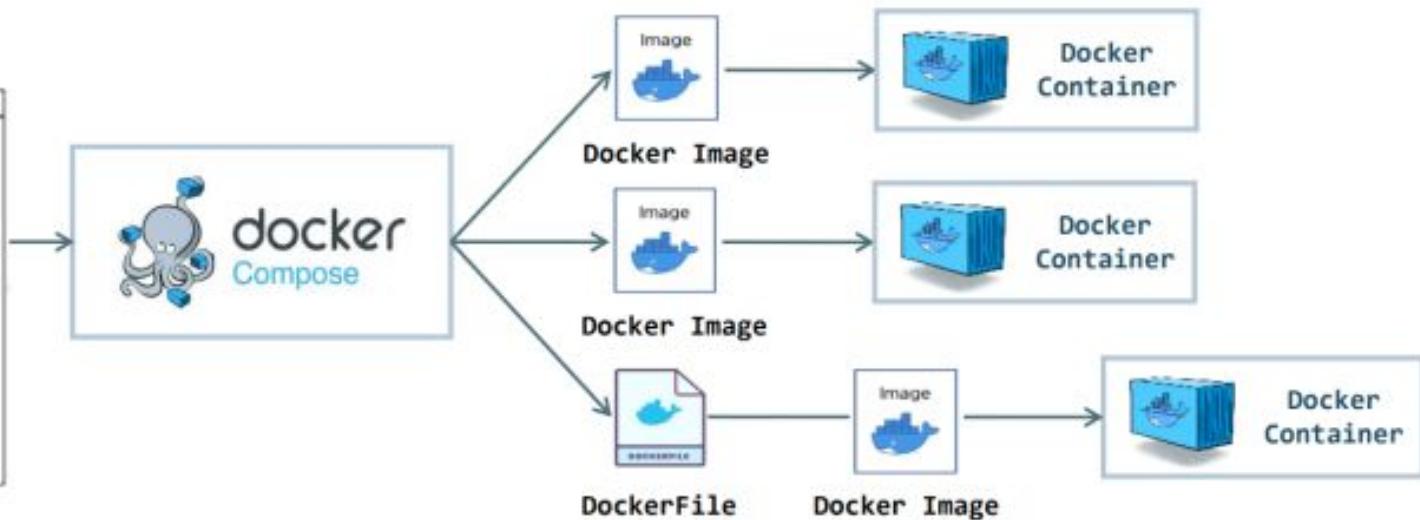
## Outils et Techniques Avancées > Docker et la Containerisation



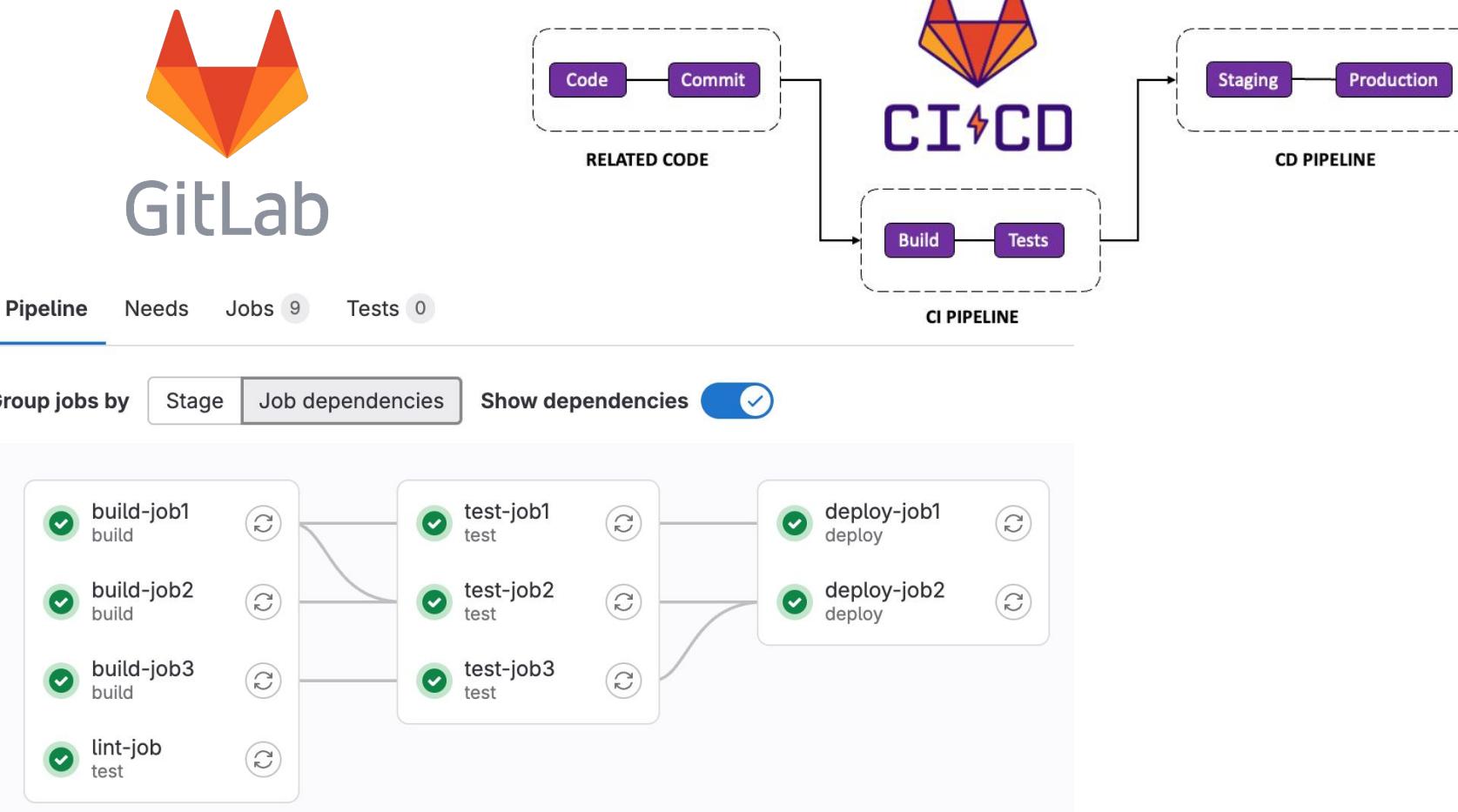
## Outils et Techniques Avancées > Docker et la Containerisation

`docker-compose.yml`

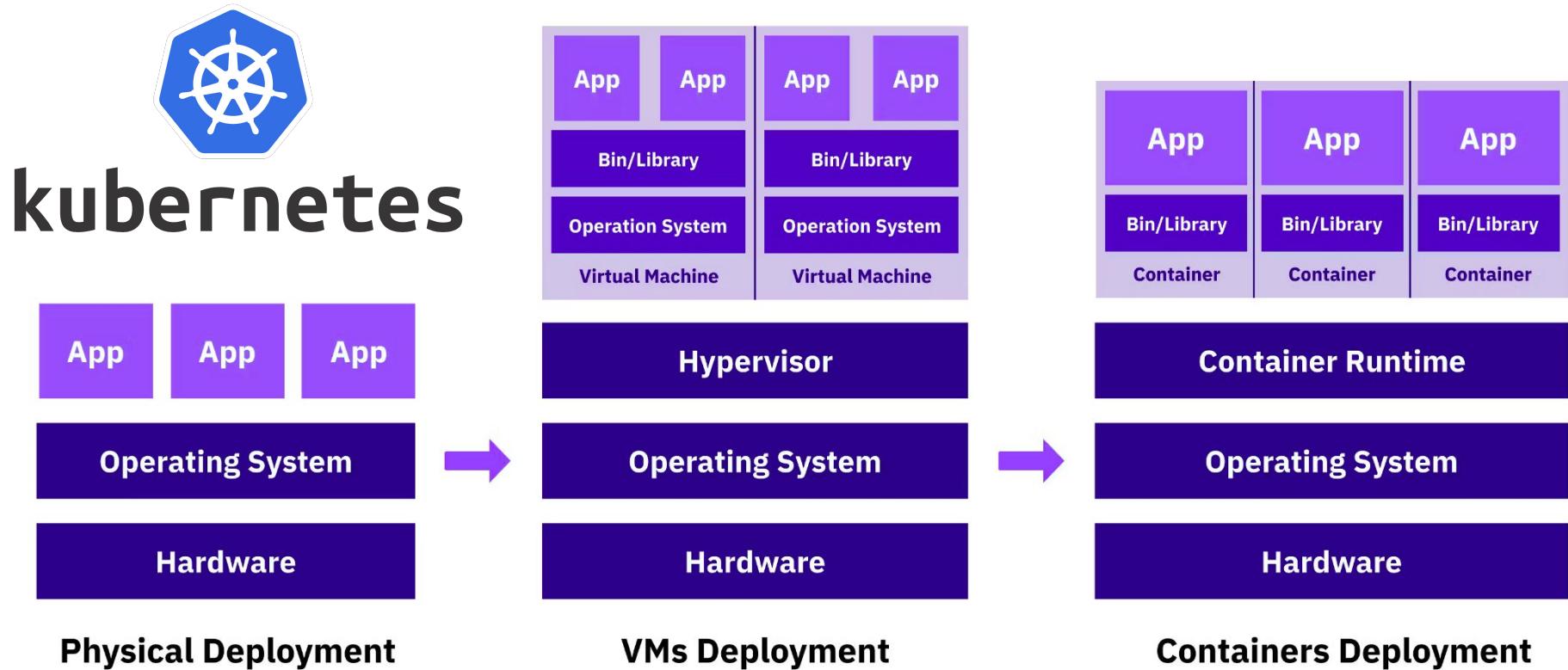
```
*** docker-compose.yml
version: "3.7"
services:
  db:
    image: mysql:8.0.19
    restart: always
    environment:
      - MYSQL_DATABASE=example
      - MYSQL_ROOT_PASSWORD=password
  app:
    build: app
    restart: always
  web:
    build: web
    restart: always
    ports:
      - 80:80
```



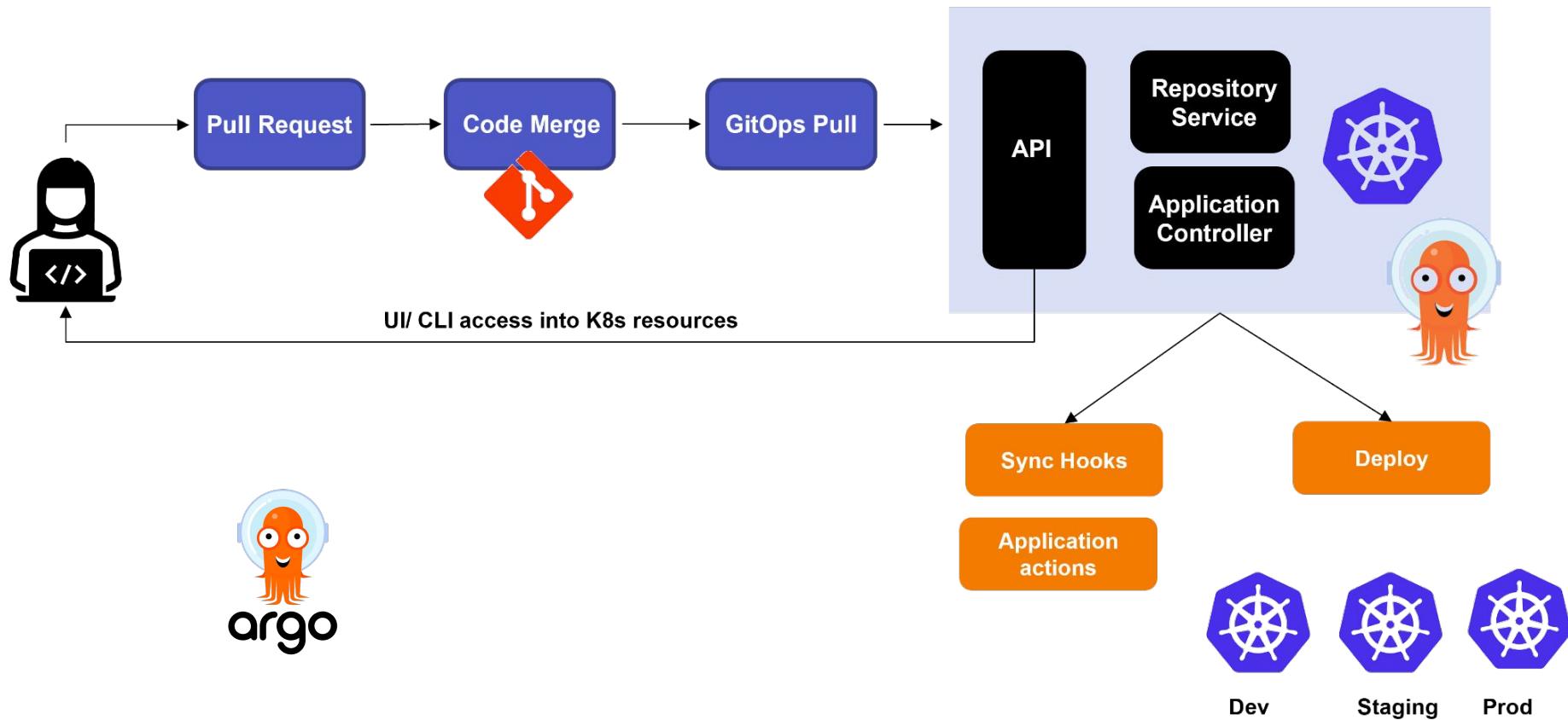
# Outils et Techniques Avancées > Docker et la Containerisation



## Outils et Techniques Avancées > Orchestration avec Kubernetes



## Concepts et Pratiques DevOps > Outils DevOps : Vue d'Ensemble

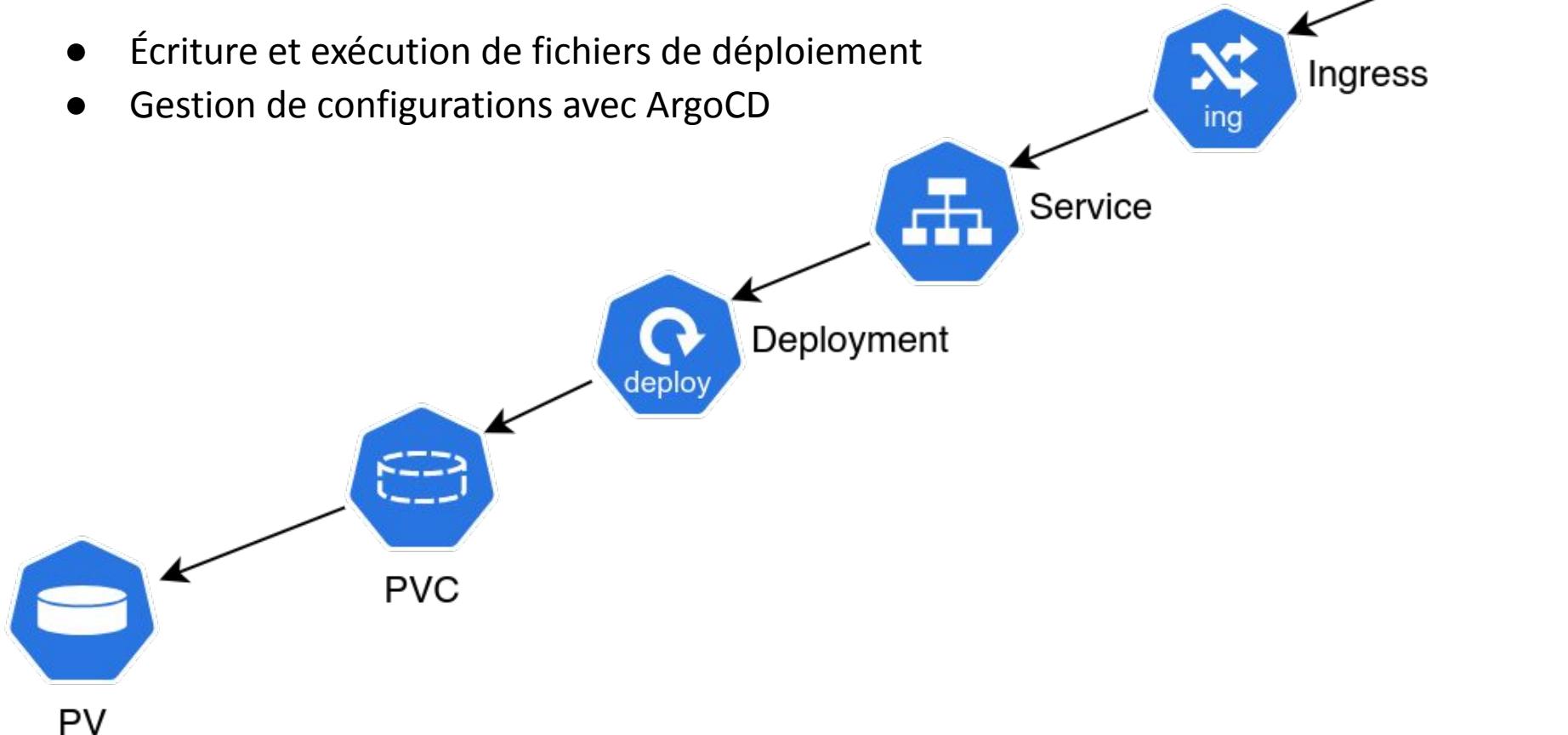


## Automatisation et Monitoring > Atelier Pratique : ArgoCD

Final user



- Écriture et exécution de fichiers de déploiement
- Gestion de configurations avec ArgoCD



<https://landscape.cncf.io/>

