

# Formation

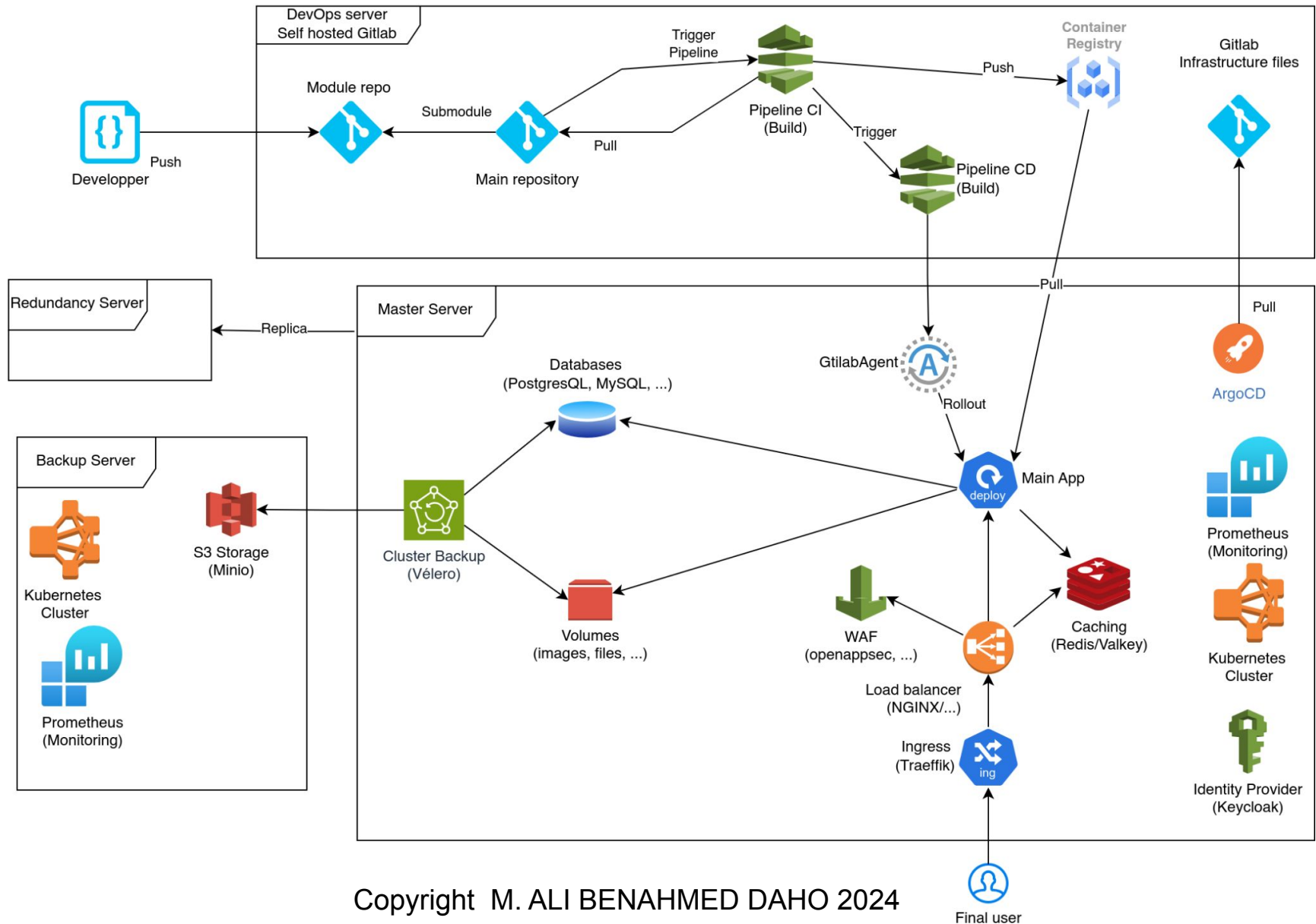
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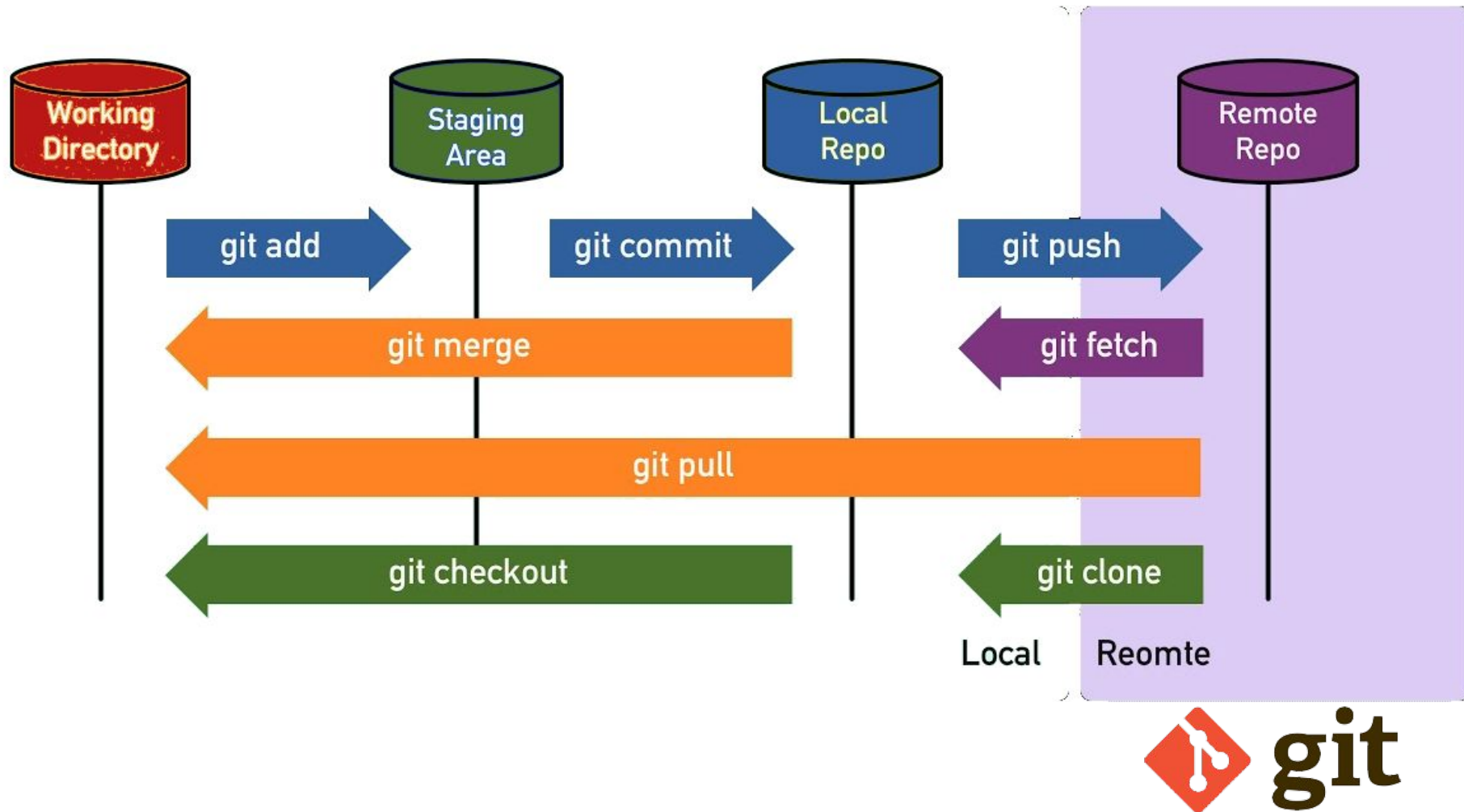
Cours élaboré par :  
**M. Ali BENAHMED DAHO**

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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

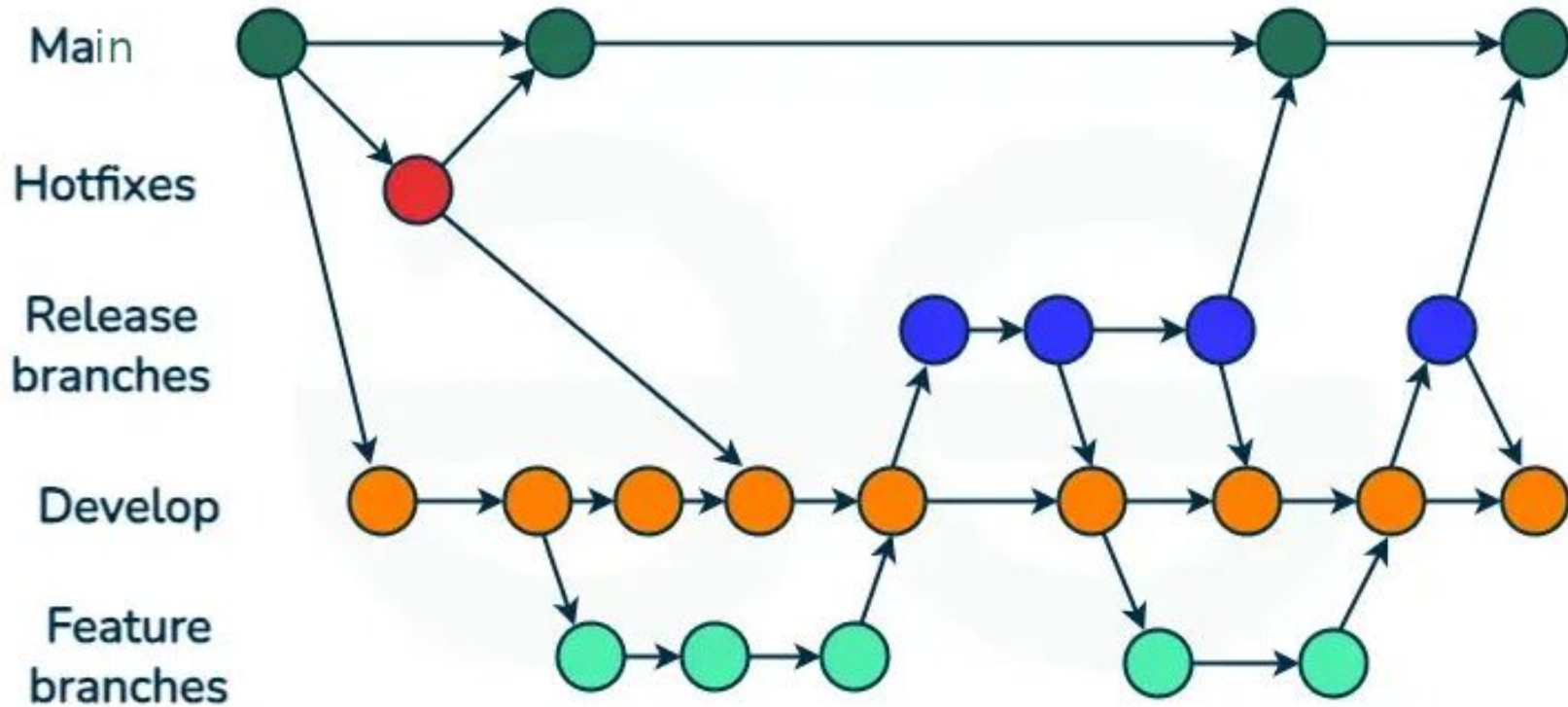
- New features -> `Feature/feature-name`
- Enhancements -> `Enhancements/enhancements-description`
- Bug fixes -> `Fixes/small-description`

### IMPORTANT FOR NAMING BRANCHES

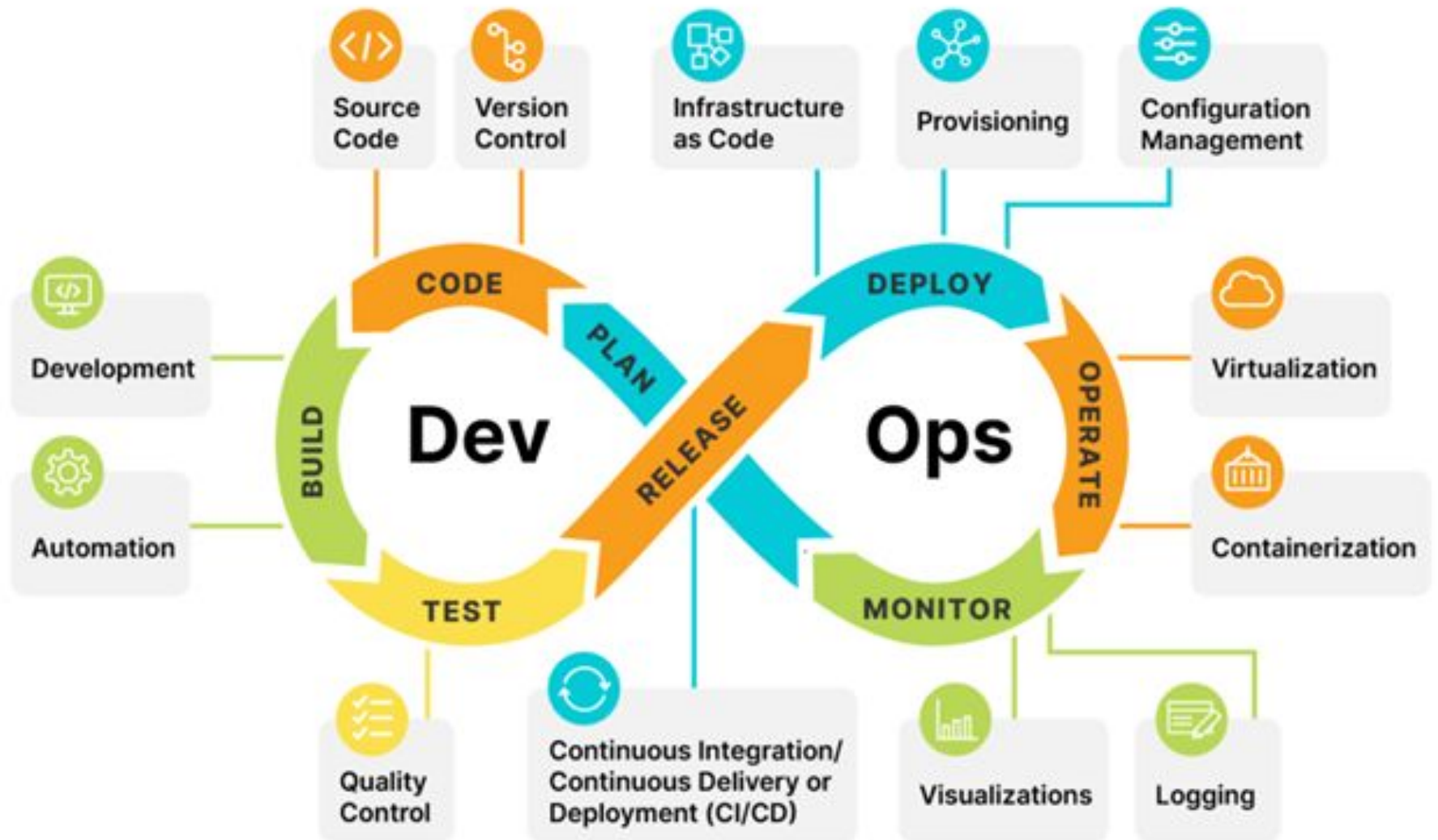
- **kebab-case** for names/descriptions
- **Uppercase** for the first letter
- **Lowercase** for all the remaining letter
- **NO** spaces



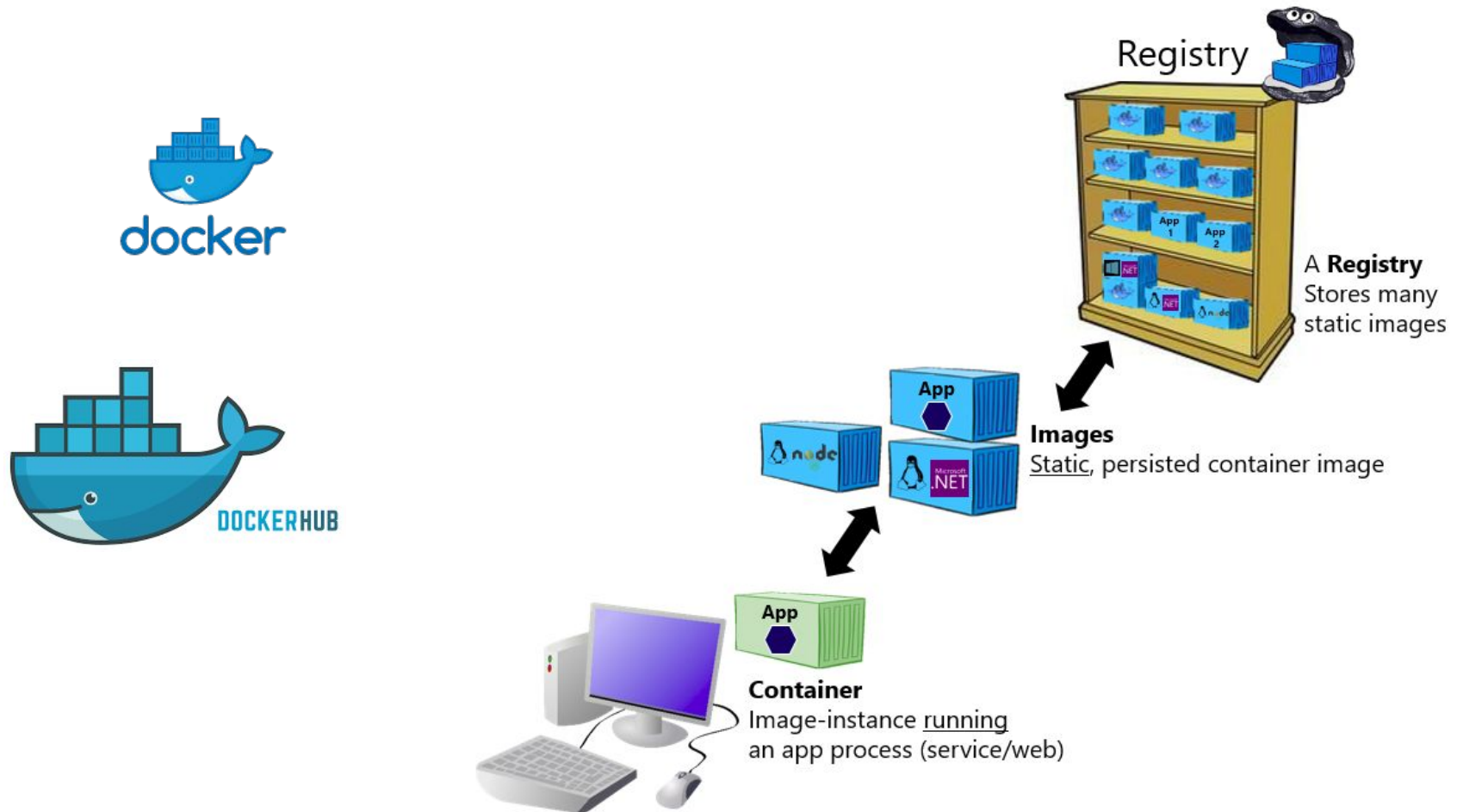
## Concepts et Pratiques DevOps > Outils DevOps : Vue d'Ensemble



## Outils et Techniques Avancées > DevOps process



















































## Outils et Techniques Avancées > Docker et la Containerisation



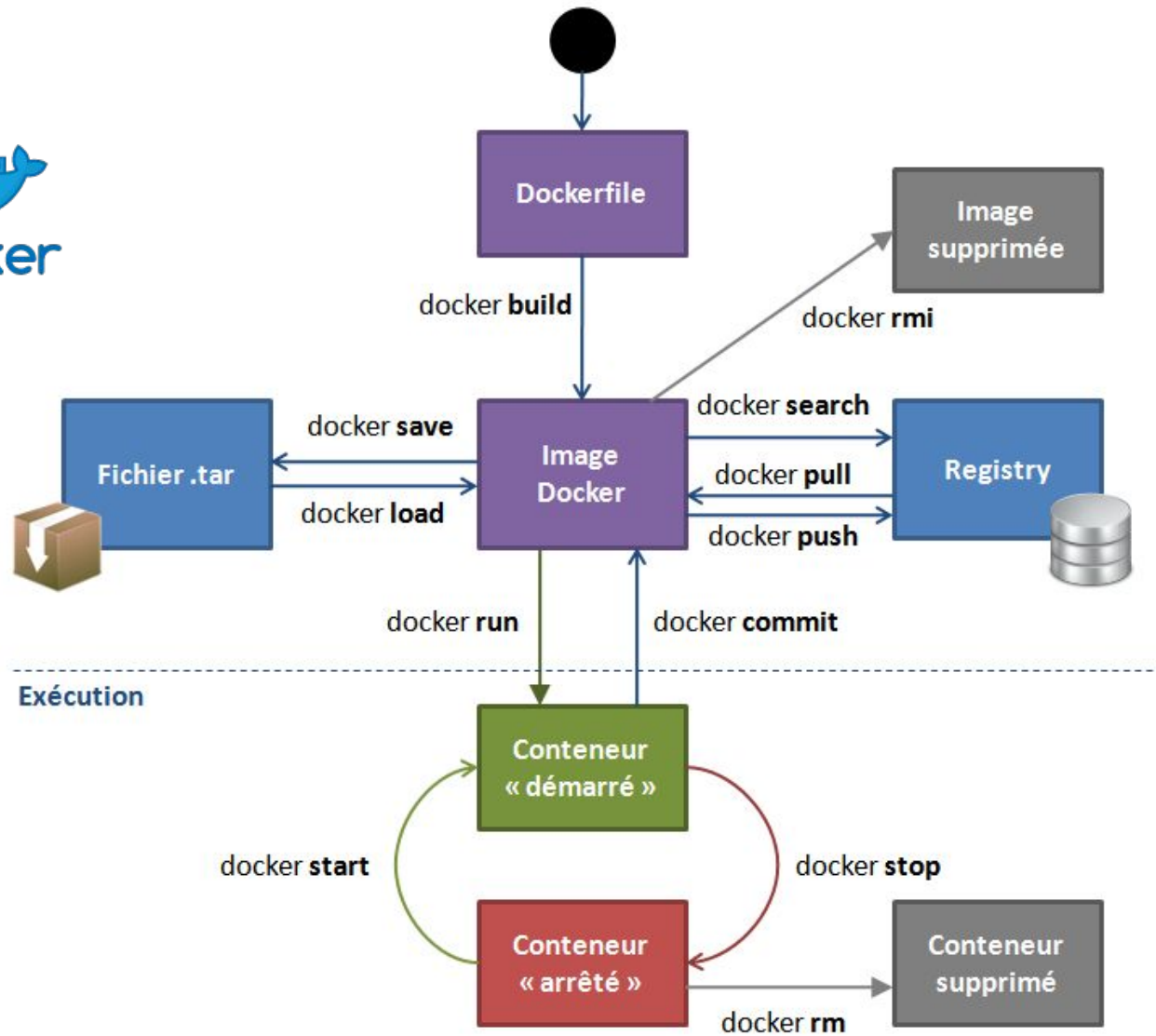


## Outils et Techniques Avancées > Docker et la Containerisation

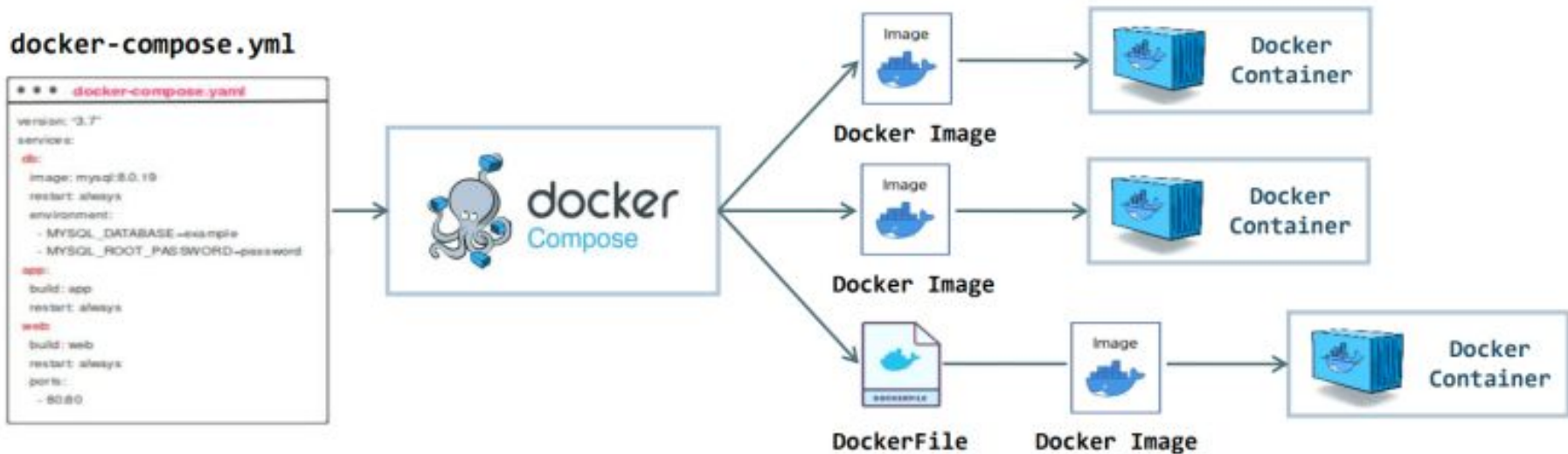
	 CONTAINER REGISTRY	 ECR	 GCR	 ACR	 GITLAB	 HARBOR
FULLY HYBRID						
DOCKER REGISTRY						
HELM REGISTRY						
GENERIC REPOSITORIES						
REMOTE REPOSITORIES						
VIRTUAL REPOSITORIES						
RICH METADATA						



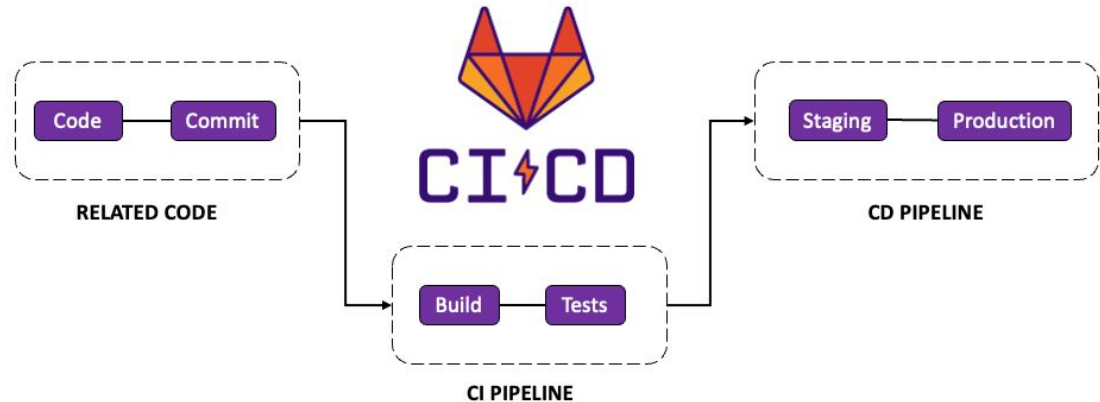
# Outils et Techniques Avancées > Docker et la Containerisation



## Outils et Techniques Avancées > Docker et la Containerisation

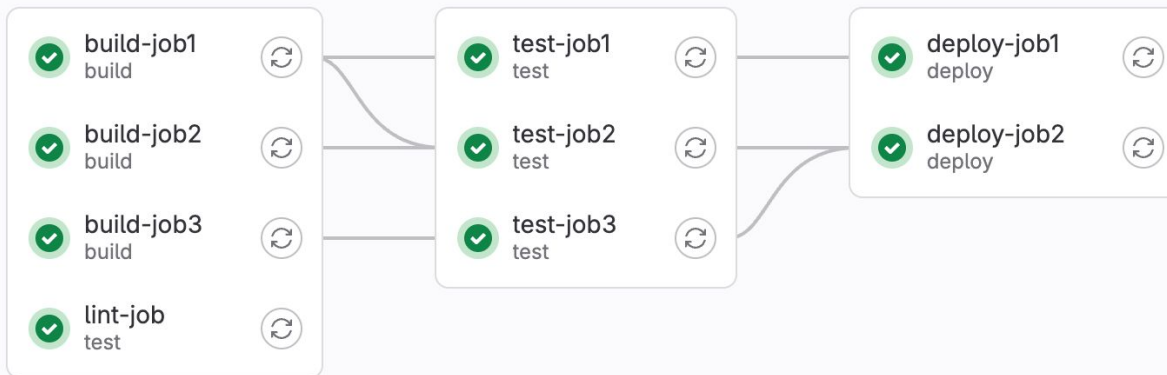


# Outils et Techniques Avancées > Docker et la Containerisation



Pipeline Needs Jobs 9 Tests 0

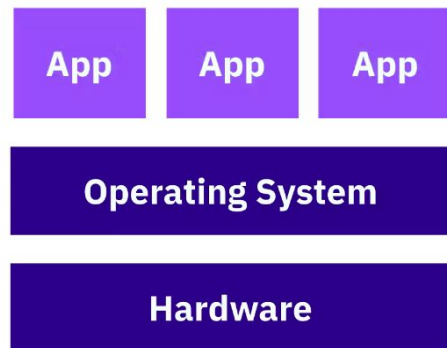
Group jobs by Stage Job dependencies Show dependencies ☒



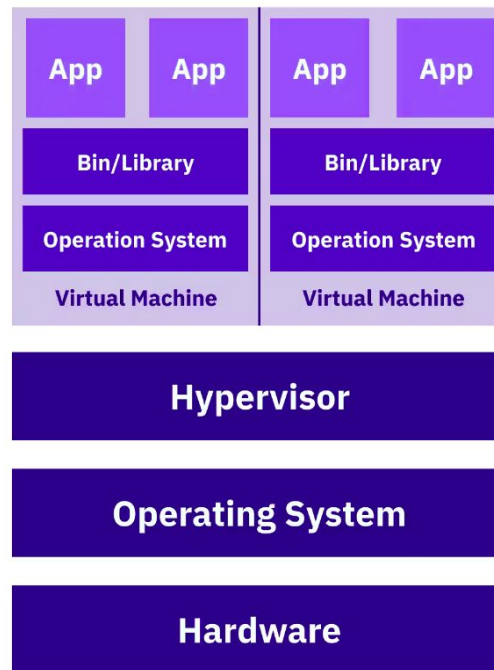
## Outils et Techniques Avancées > Orchestration avec Kubernetes



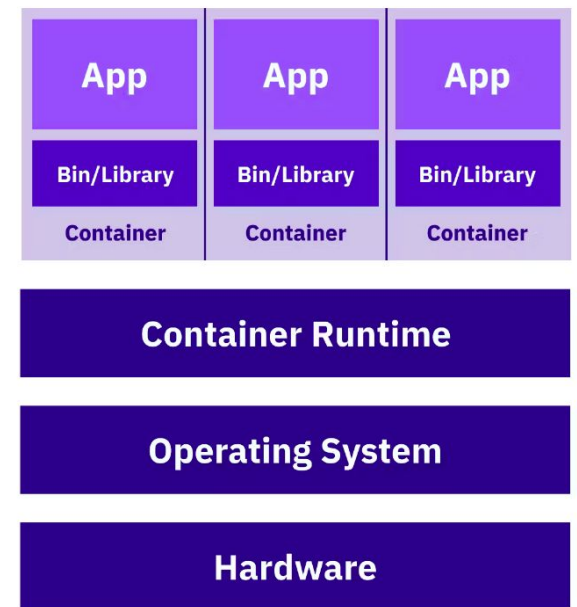
# kubernetes



**Physical Deployment**

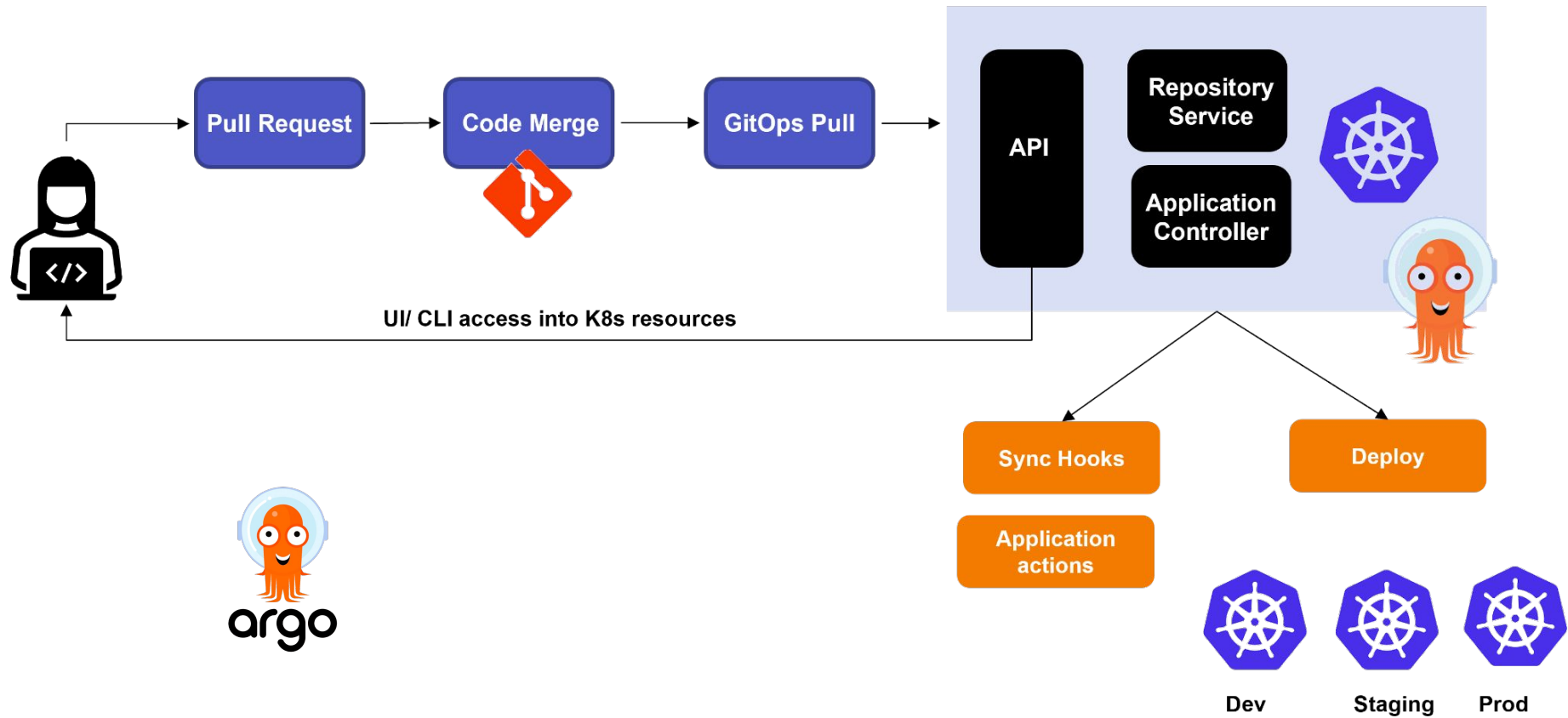


**VMs Deployment**



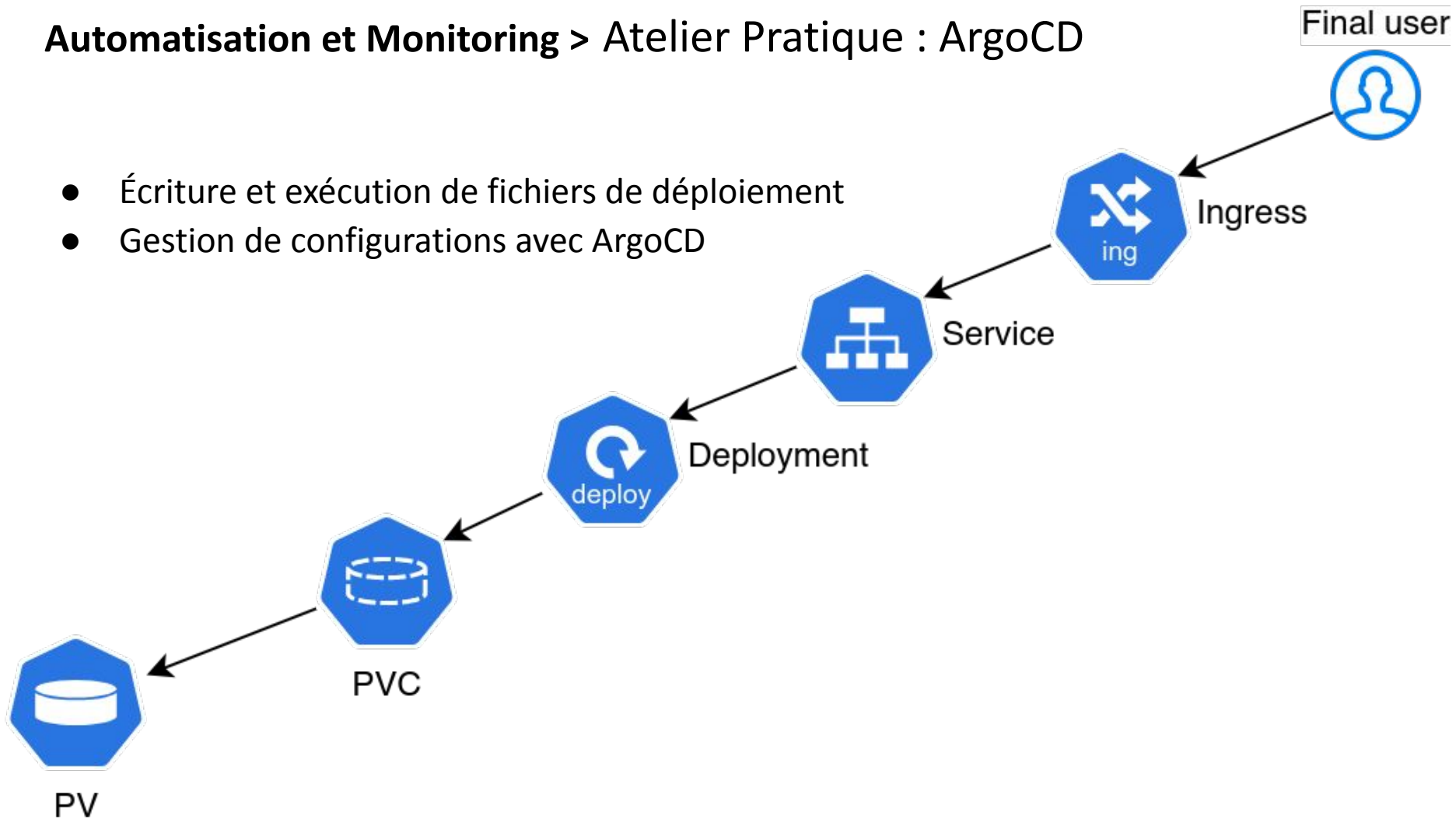
**Containers Deployment**

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



## Automatisation et Monitoring > Atelier Pratique : ArgoCD

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





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

