

# Culture DevOps

Philosophy? Jobs ? Tools ? ... What else ?

# Jules Agostini

Consultant Intégrateur DevOps, de nature, curieux et autonome, je prends plaisir à découvrir de nouvelles technologies et à les tester. Je suis attiré par le mouvement DEVOPS en raison de son domaine riche et varié, pour lequel il me semble difficile de s'ennuyer ou d'effectuer des tâches répétitives.

- Associé de la société AukFood
- DevOps Engineer
- Administrateur Linux
- Membre K' Rément Libre
- Cofondateur de PSY Talk



# Culture DevOps

Philosophy? Jobs ? Tools ? ... What else ?

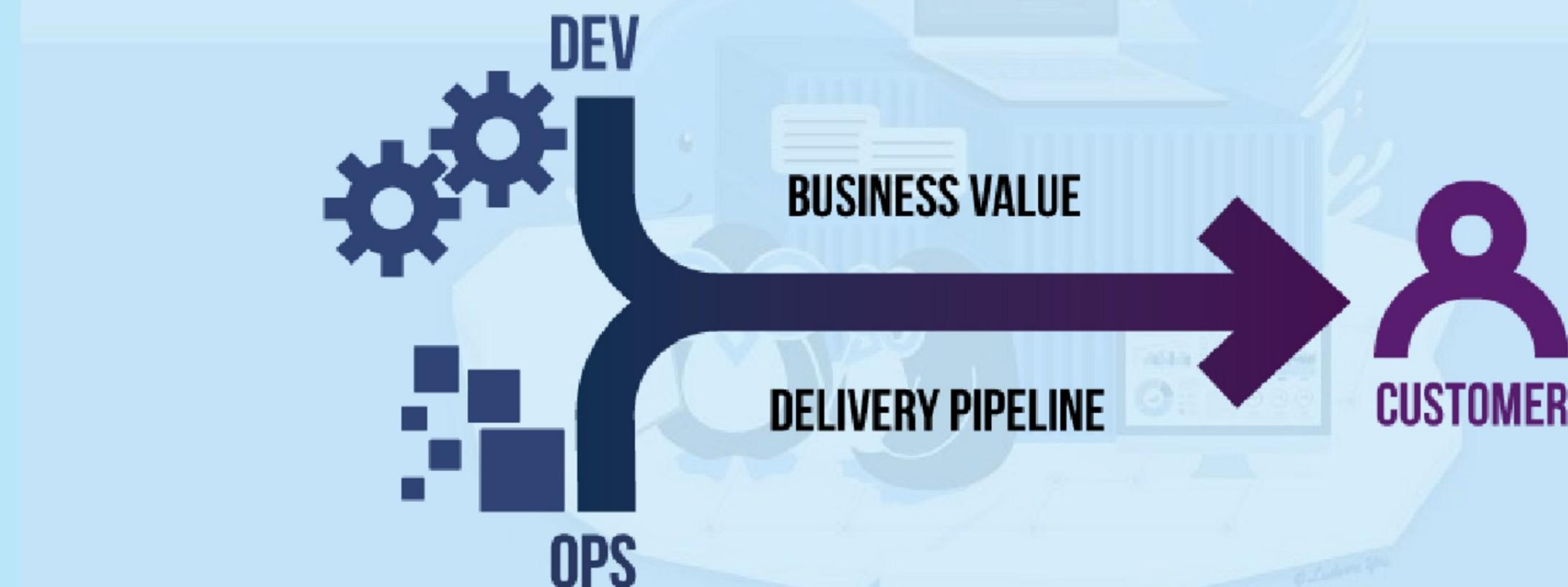


# Au Départ, une PHILOSOPHIE

# The 3 Ways

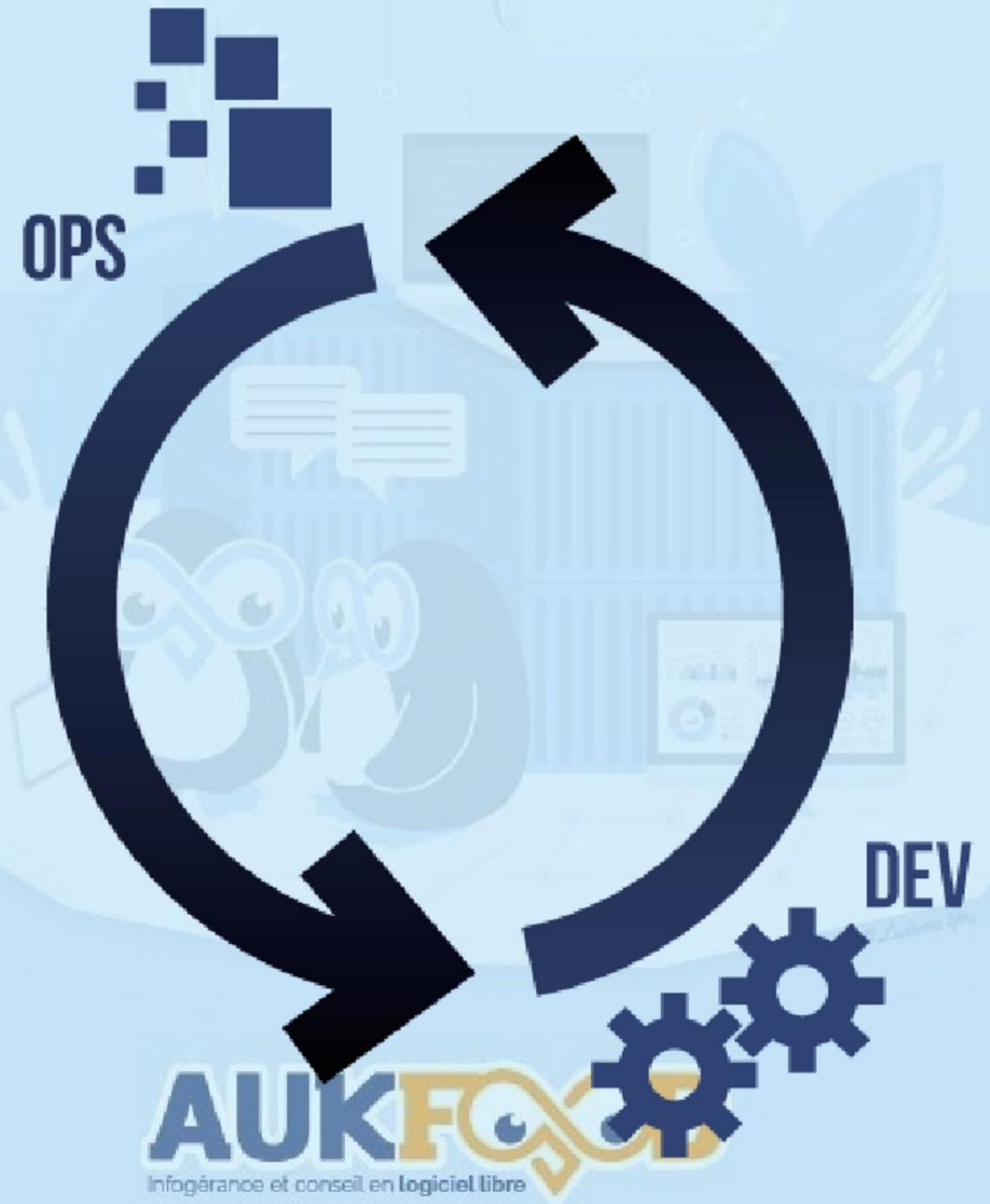
# THE FIRST WAY

## CREATE A DELIVERY SYSTEM



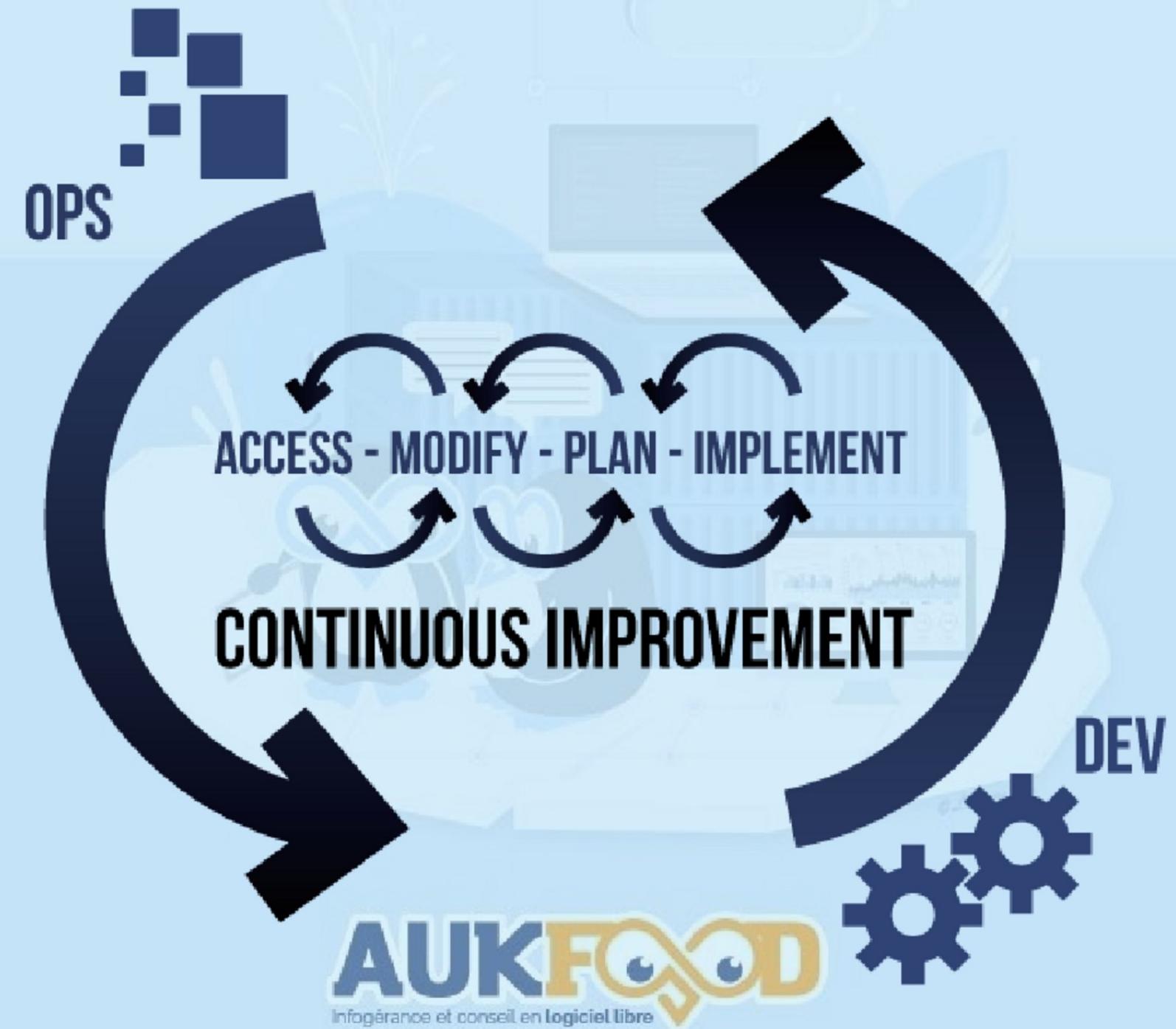
# THE SECOND WAY

## AMPLIFY FEEDBACK LOOPS



# THE THIRD WAY

## LEARN & EXPERIMENT CONTINUOUSLY



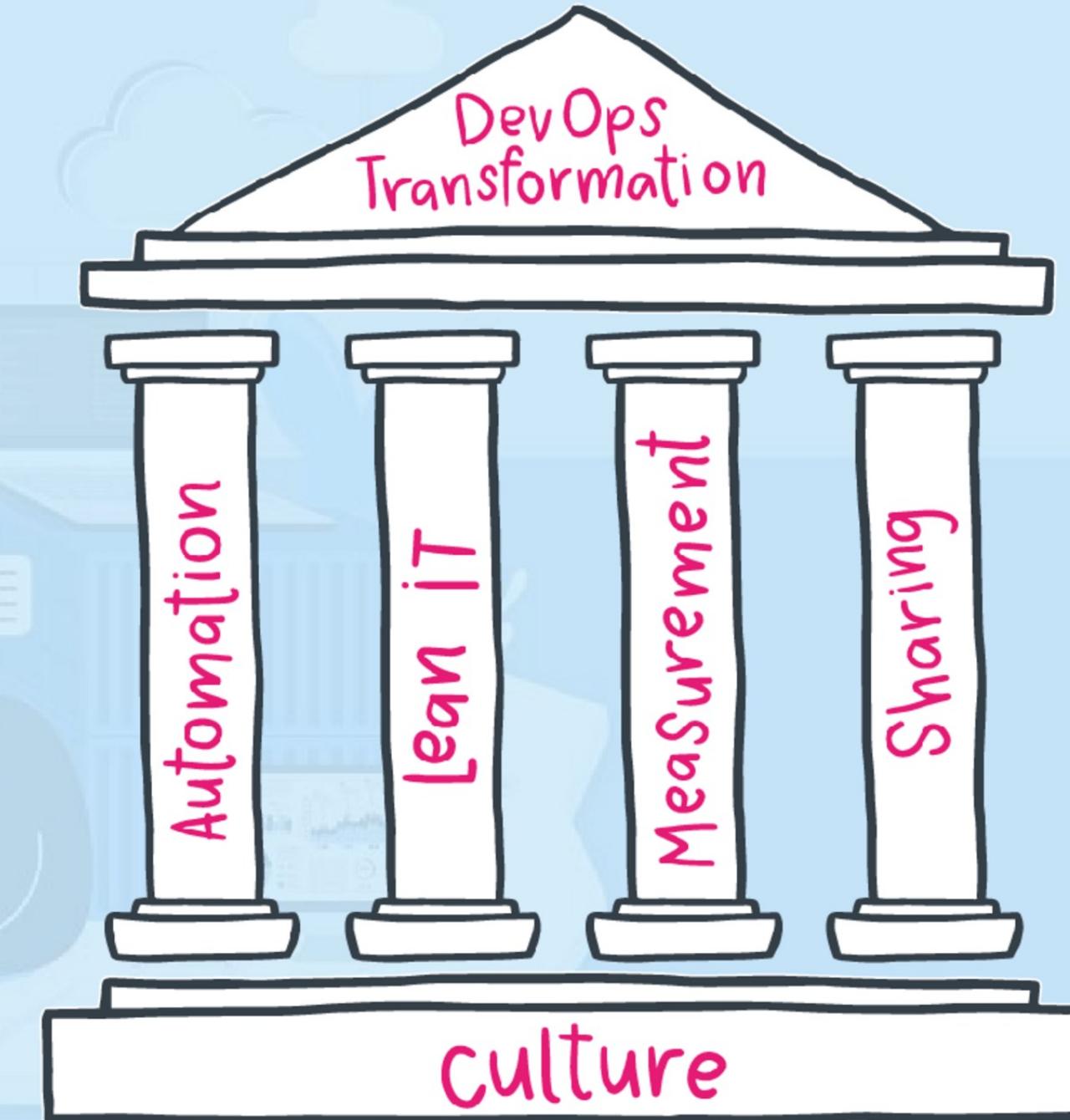
C ulture

A utomation

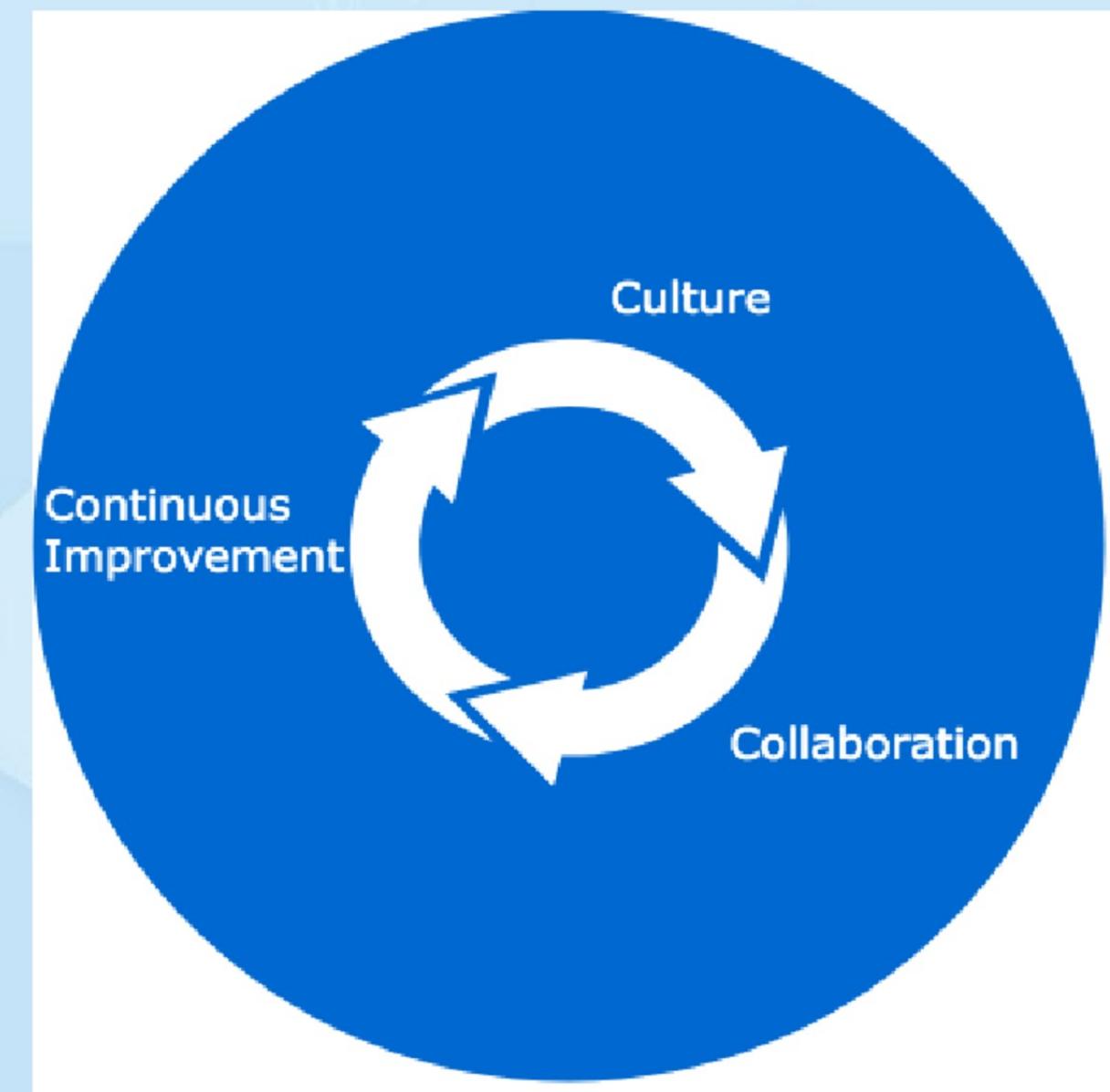
L ean

M easure

S haring

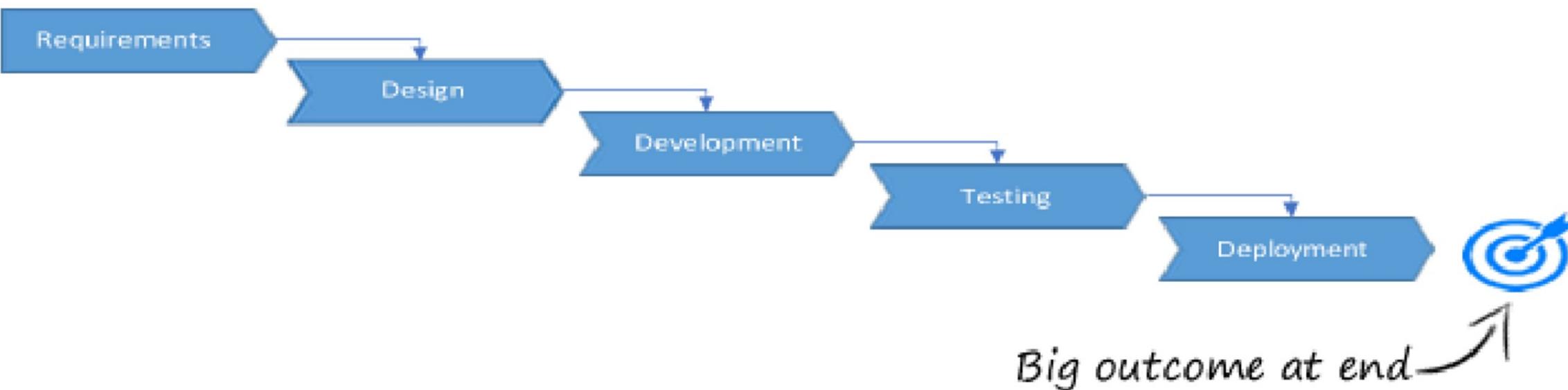


# Les 3C

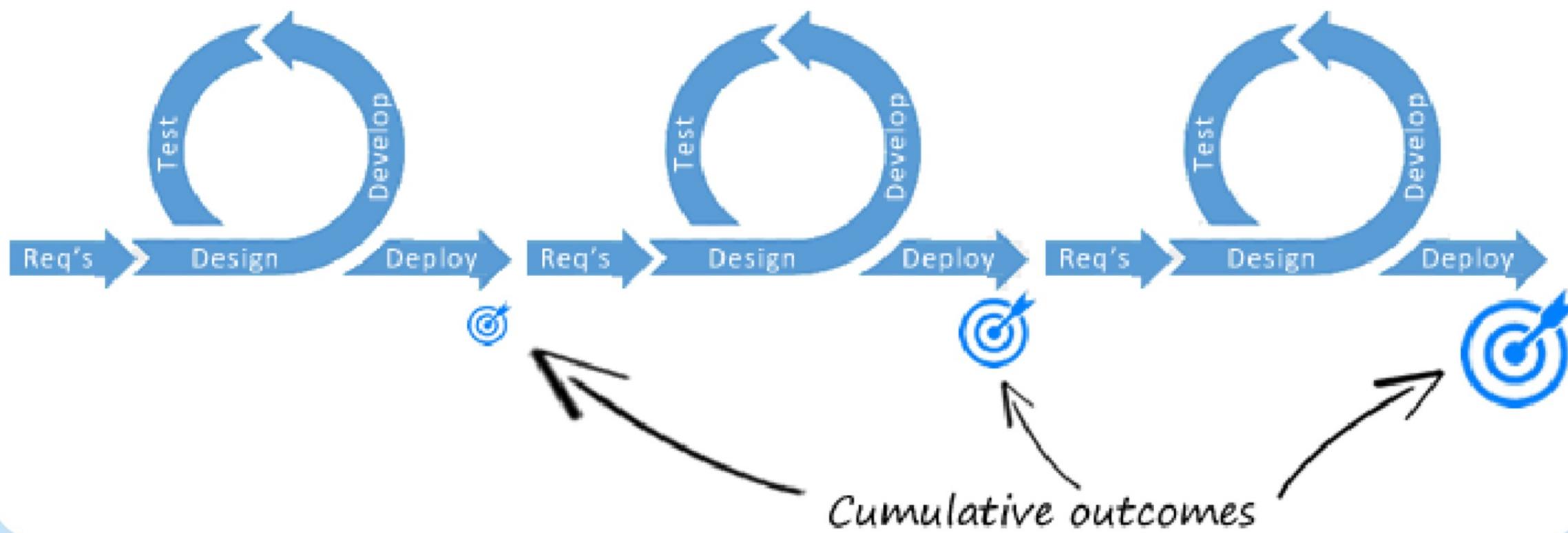


# Management

## Waterfall

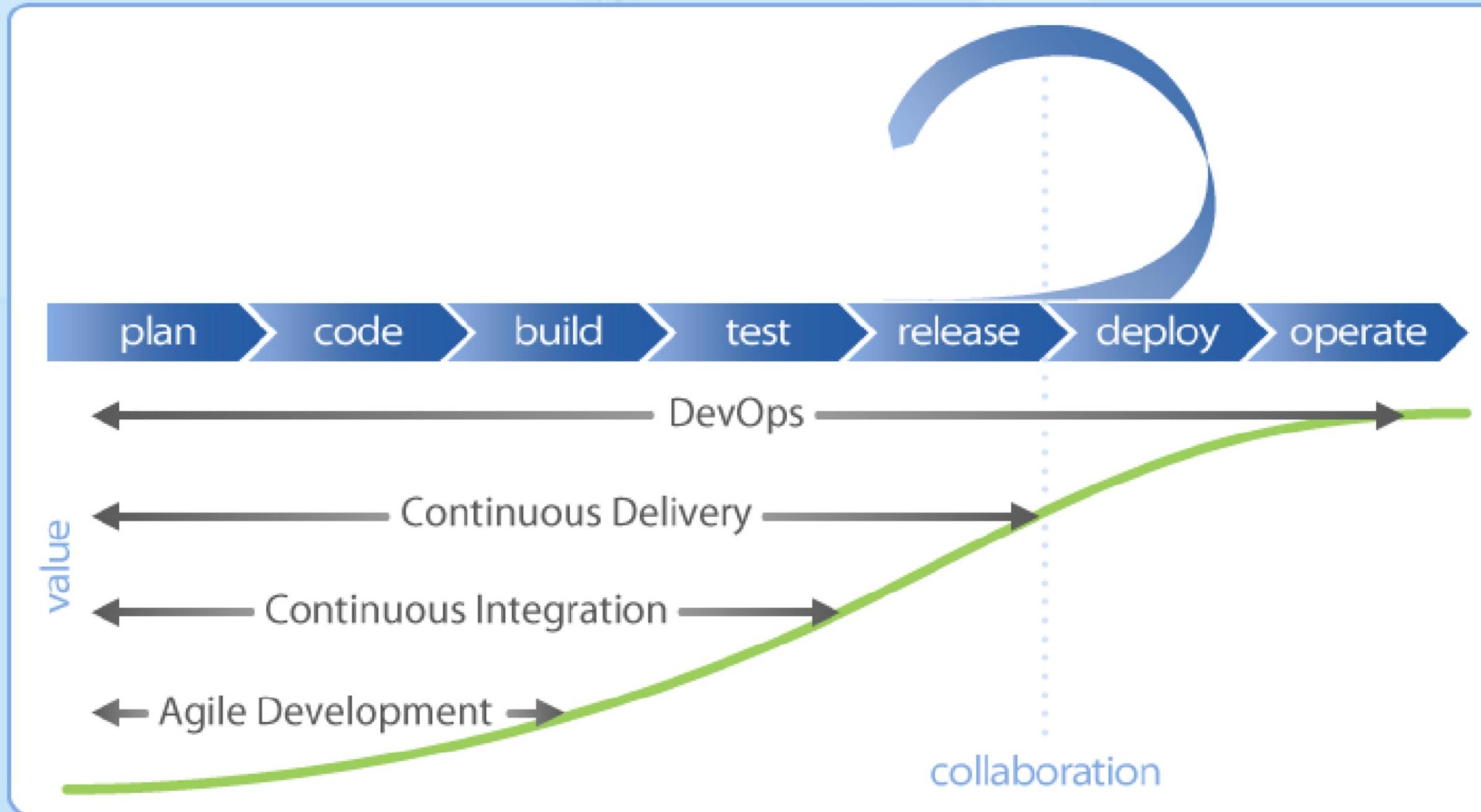


## Agile

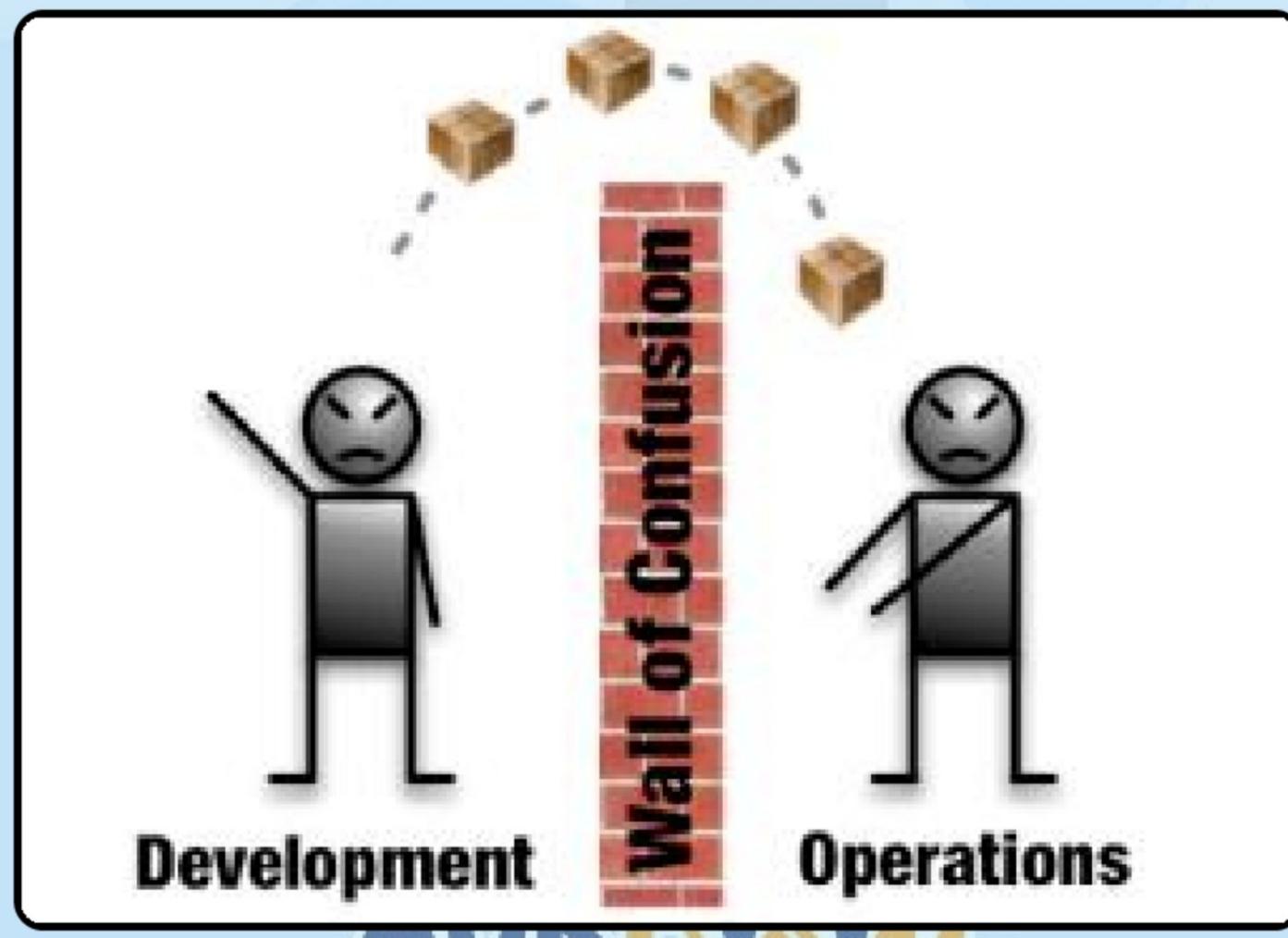


# Agile à DevOps





# Equipe Classique



# Équipe utilisant le DevOps

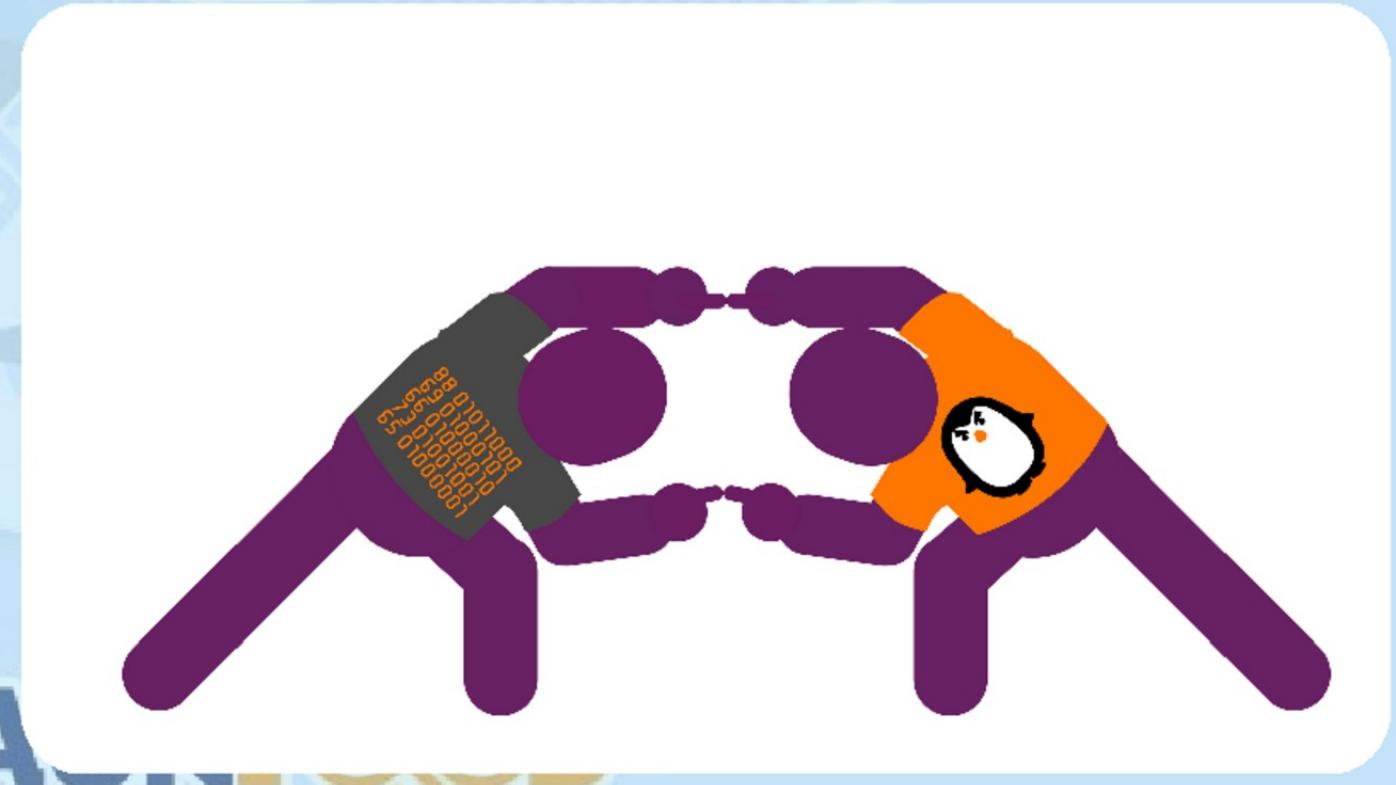


# Ensuite, un métier

# One



# Two



# Enfin, des outils

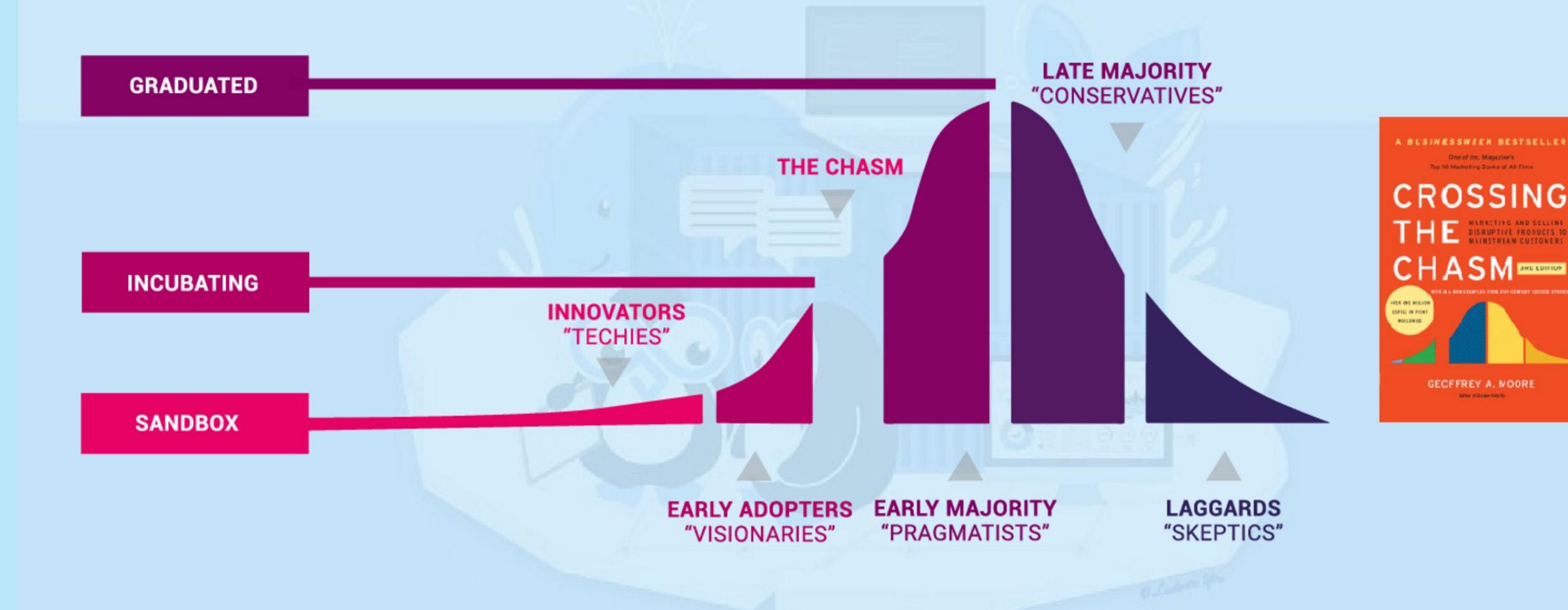
1	Os	PERIODIC TABLE OF DEVOPS TOOLS (V3)																		2	En						
<b>Gl</b> GitLab		<b>Os</b> Open Source		<b>Frcc</b>		<b>Source Control Mgmt.</b>		<b>Dt</b>		<b>Frc</b>		<b>Deployment</b>		<b>Aws</b>		<b>Az</b>		<b>Gc</b>		<b>Op</b>		<b>Sp</b>					
		<b>Fm</b>		<b>Fm</b>		<b>Database Automation</b>		<b>Dt</b>		<b>Pd</b>		<b>Containers</b>		<b>Xlr</b>		<b>Aws</b>		<b>Az</b>		<b>Google Cloud</b>		<b>OpenShift</b>					
<b>Gh</b> GitHub		<b>En</b>		<b>Fm</b>		<b>Freemium</b>		<b>Freemium</b>		<b>En</b>		<b>Monitoring</b>		<b>Ur</b>		<b>Af</b>		<b>Ld</b>		<b>Ic</b>		<b>Sg</b>					
				<b>Pd</b>		<b>Paid</b>		<b>Continuous Integration</b>		<b>En</b>		<b>Release Orchestration</b>		<b>Dockcr</b>		<b>UrbanCode Release</b>		<b>Azure Functions</b>		<b>Lambda</b>		<b>IBM Cloud</b>					
<b>Sv</b> Subversion		<b>En</b>		<b>Db</b>		<b>DBMaestro</b>		<b>Fn</b>		<b>En</b>		<b>Cloud</b>		<b>XLd</b>		<b>UrbanCode Deploy</b>		<b>Ku</b>		<b>Cc</b>		<b>Ps</b>					
								<b>Jn</b>		<b>Os</b>		<b>AIOps</b>		<b>Tf</b>		<b>XebiaLabs XLDeploy</b>		<b>Kubernetes</b>		<b>Plutora Release</b>		<b>Alibaba Cloud</b>					
<b>Cw</b> ISPW		<b>En</b>		<b>Dp</b>		<b>Delphix</b>		<b>Cs</b>		<b>Fm</b>		<b>Ju</b>		<b>Ka</b>		<b>Su</b>		<b>Ud</b>		<b>Om</b>		<b>Os</b>					
								<b>Jenkins</b>				<b>JUnit</b>		<b>Karma</b>		<b>SoapUI</b>		<b>Ch</b>		<b>Go</b>		<b>Cp</b>		<b>Prometheus</b>			
<b>At</b> Artifactory		<b>Pd</b>		<b>Rg</b>		<b>Redgate</b>		<b>Ba</b>		<b>Pd</b>		<b>Vs</b>		<b>Se</b>		<b>Jm</b>		<b>Ja</b>		<b>Sl</b>		<b>Cy</b>		<b>It</b>			
								<b>Bamboo</b>				<b>VSTS</b>		<b>Selenium</b>		<b>JMeter</b>		<b>Jasmine</b>		<b>Sauce Labs</b>		<b>OpenMake</b>		<b>Cloud Foundry</b>			
<b>Nx</b> Nexus		<b>Os</b>		<b>Fw</b>		<b>Flyway</b>		<b>Tr</b>		<b>Fm</b>		<b>Tc</b>		<b>Ga</b>		<b>Tn</b>		<b>Tt</b>		<b>Pe</b>		<b>Ec</b>		<b>Rk</b>			
								<b>Travis CI</b>				<b>TeamCity</b>		<b>Gatling</b>		<b>TestNG</b>		<b>Tricentis Tosca</b>		<b>Perfecto</b>		<b>Puppet</b>		<b>Rancher</b>		<b>Aks</b>	
<b>Bb</b> BitBucket		<b>En</b>		<b>Pf</b>		<b>Perforce</b>		<b>Cr</b>		<b>Fm</b>		<b>Cb</b>		<b>Cu</b>		<b>Mc</b>		<b>Lo</b>		<b>Mf</b>		<b>Eb</b>		<b>Helm</b>			
								<b>CircleCI</b>				<b>AWS CodeBuild</b>		<b>Cucumber</b>		<b>Mocha</b>		<b>Locust.io</b>		<b>Micro Focus UFT</b>		<b>Salt</b>		<b>CA Automic</b>		<b>Docker Enterprise</b>	



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91	En	92	Os	93	Fm	94	En	95	En	96	Fm	97	Os	98	Os	99	Os	100	En	101	En	102	En	103	En	104	Os	105	Os
<b>XLi</b> XebiaLabs XL Impact		<b>Ki</b> Kibana		<b>Nr</b> New Relic		<b>Dt</b> Dynatrace		<b>Dd</b> Datadog		<b>Ad</b> AppDynamics		<b>EI</b> ElasticSearch		<b>Ni</b> Nagios		<b>Zb</b> Zabbix		<b>Zn</b> Zenoss		<b>Cx</b> Checkmarx SAST		<b>Sg</b> Signal Sciences		<b>Bd</b> BlackDuck		<b>Sr</b> SonarQube		<b>Hv</b> HashiCorp Vault	
106	En	107	Pd	108	Fm	109	Fm	110	Fm	111	En	112	En	113	En	114	Pd	115	Pd	116	Os	117	Fm	118	En	119	En	120	En
<b>Sw</b> ServiceNow		<b>Jr</b> Jira		<b>Tl</b> Trello		<b>Sk</b> Slack		<b>St</b> Stride		<b>Cn</b> CollabNet VersionOne		<b>Ry</b> Remedy		<b>Ac</b> Agile Central		<b>Og</b> OpsGenie		<b>Pd</b> Pagerduty		<b>Sn</b> Snort		<b>Tw</b> Tripwire		<b>Ck</b> CyberArk		<b>Vc</b> Veracode		<b>Ff</b> Fortify SCA	

# Crossing the chasm

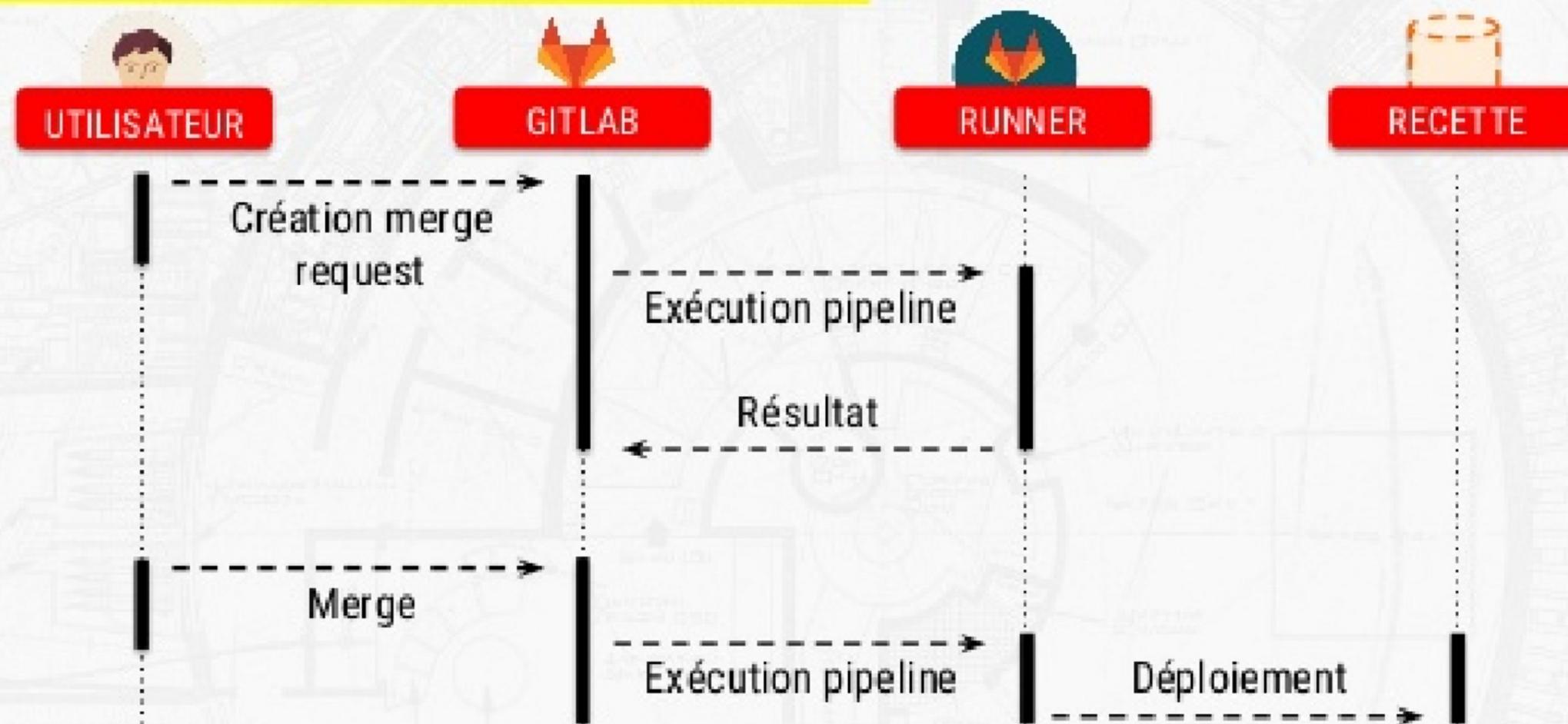


[https://landscape.cncf.io/category=database&fullscreen=yes&grouping=category&zoom  
landscape CNCF](https://landscape.cncf.io/category=database&fullscreen=yes&grouping=category&zoom=55)

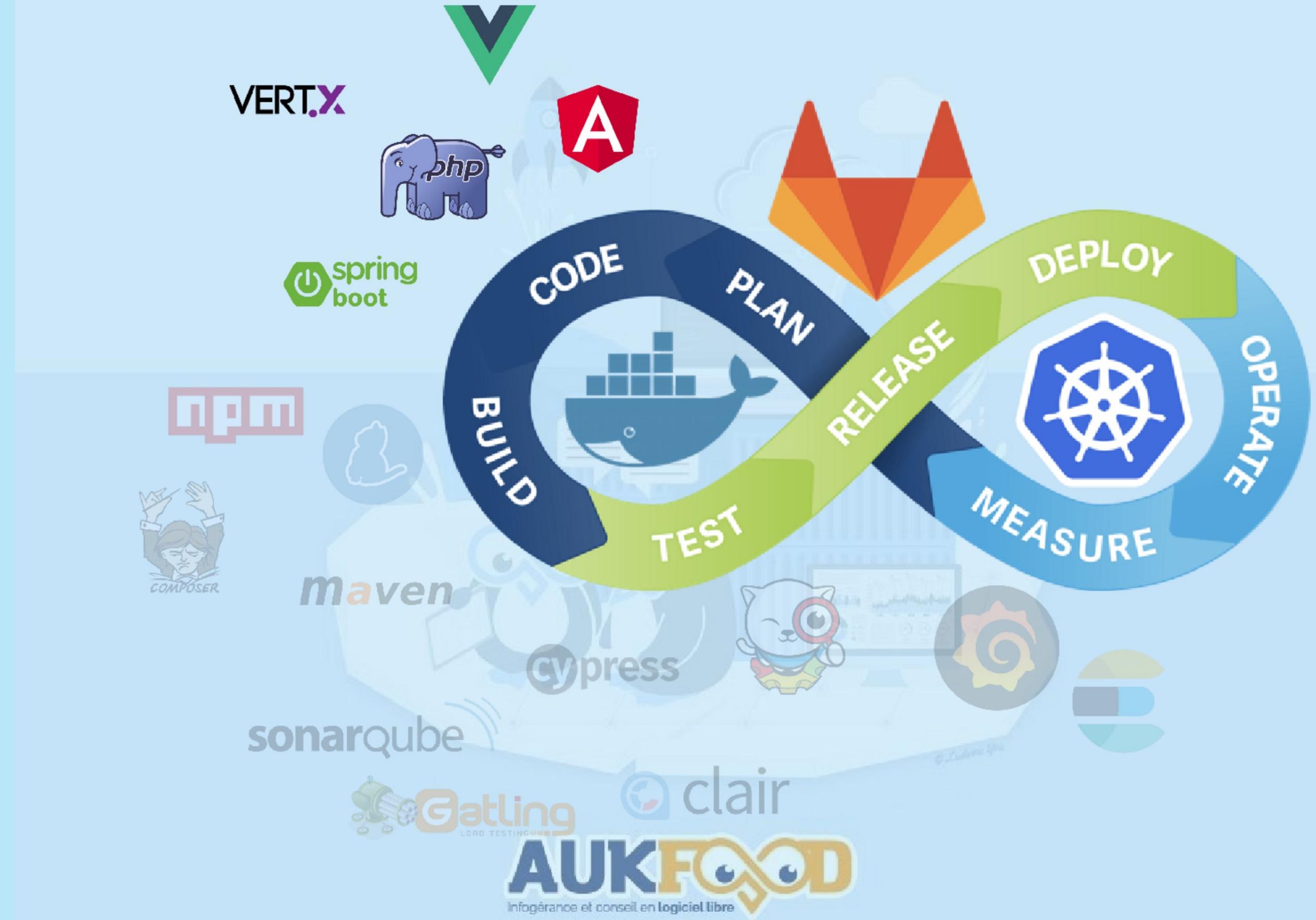
# Paradigmes

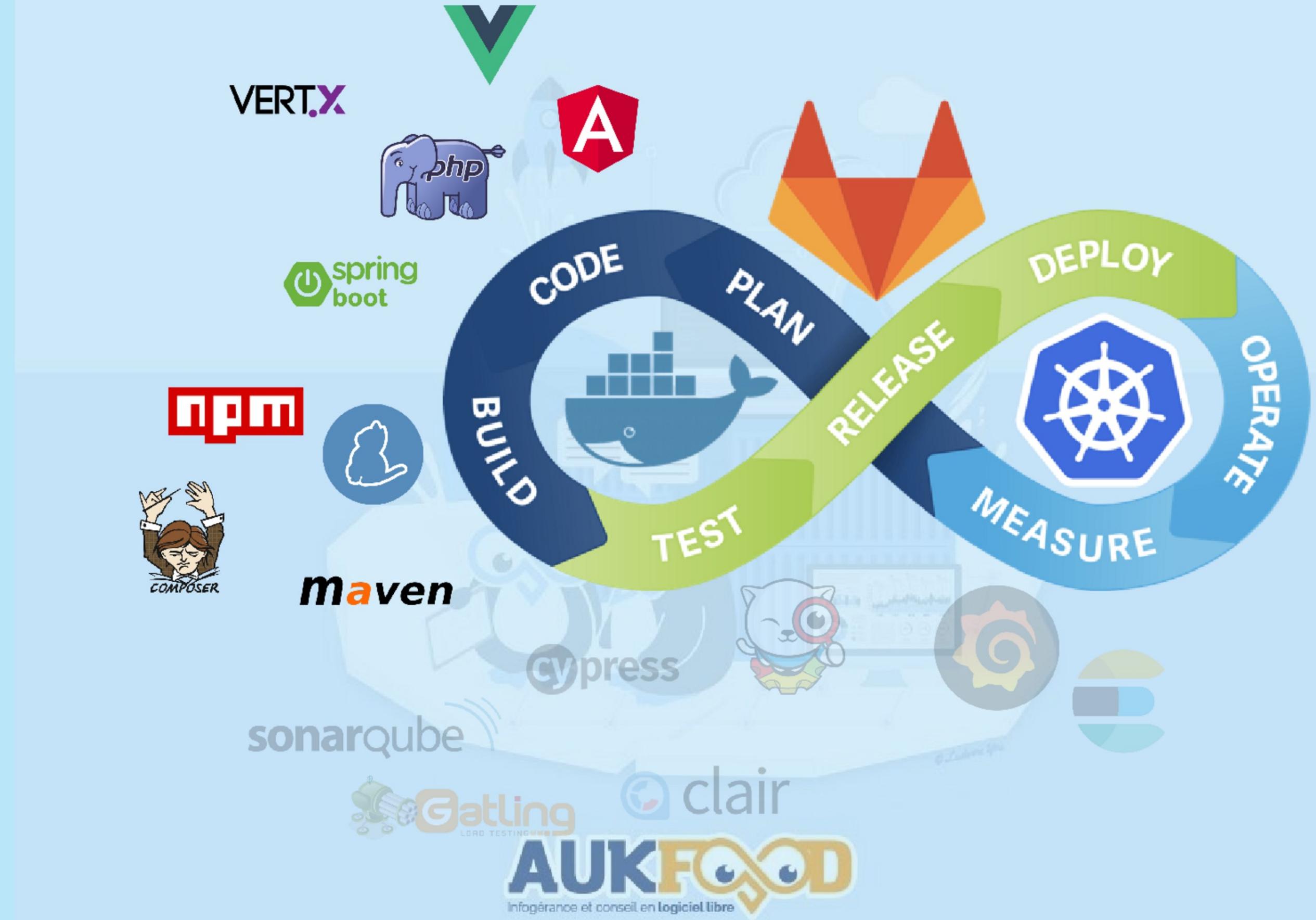


# Flux d'échanges

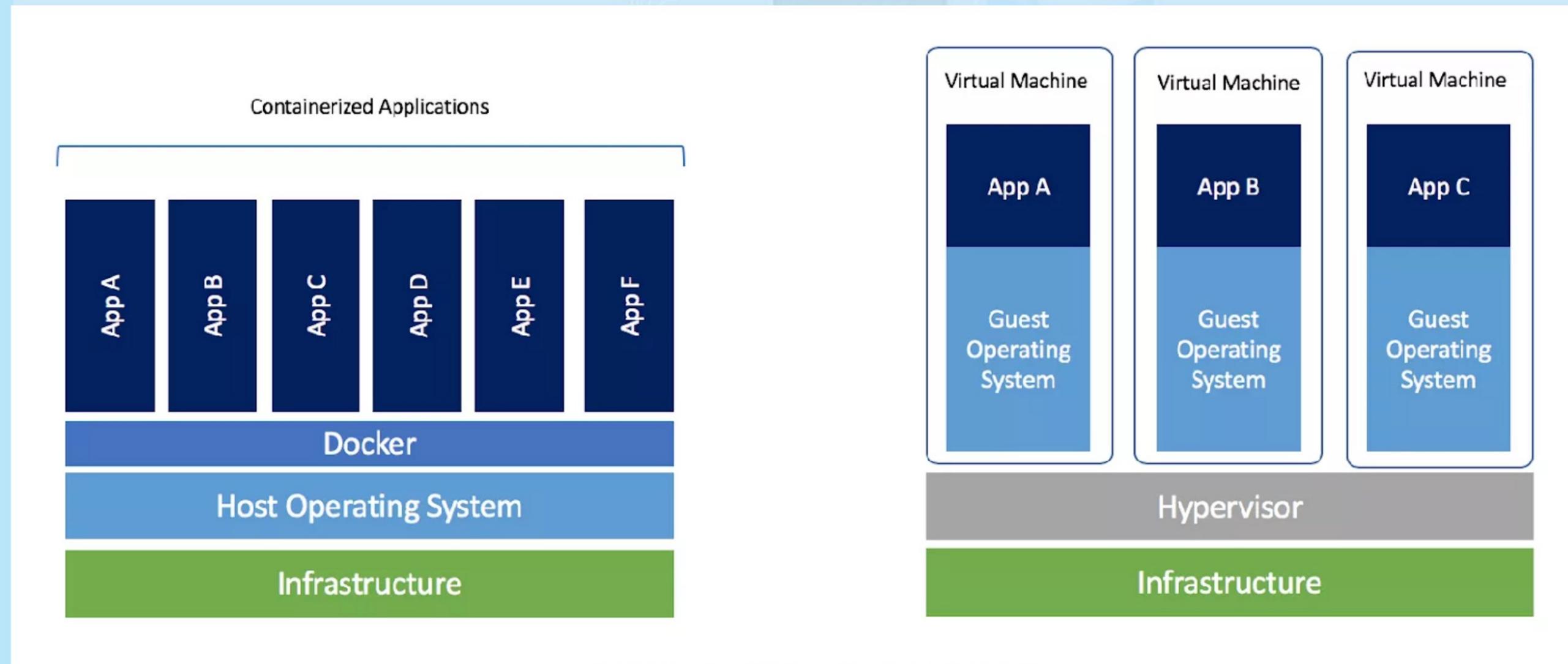


cf : <https://blog.eleven-labs.com/fr/introduction-gitlab-ci/>



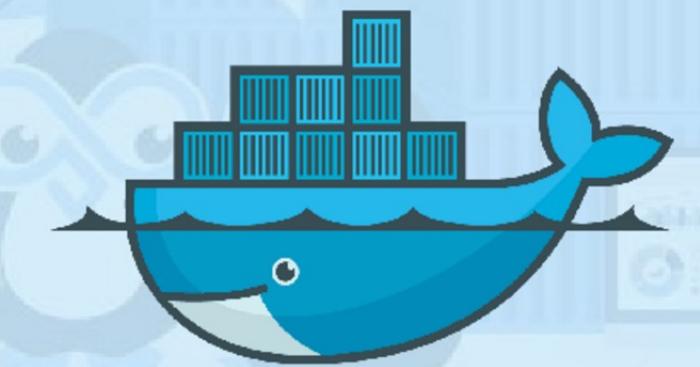


# Container VS Virtualisation



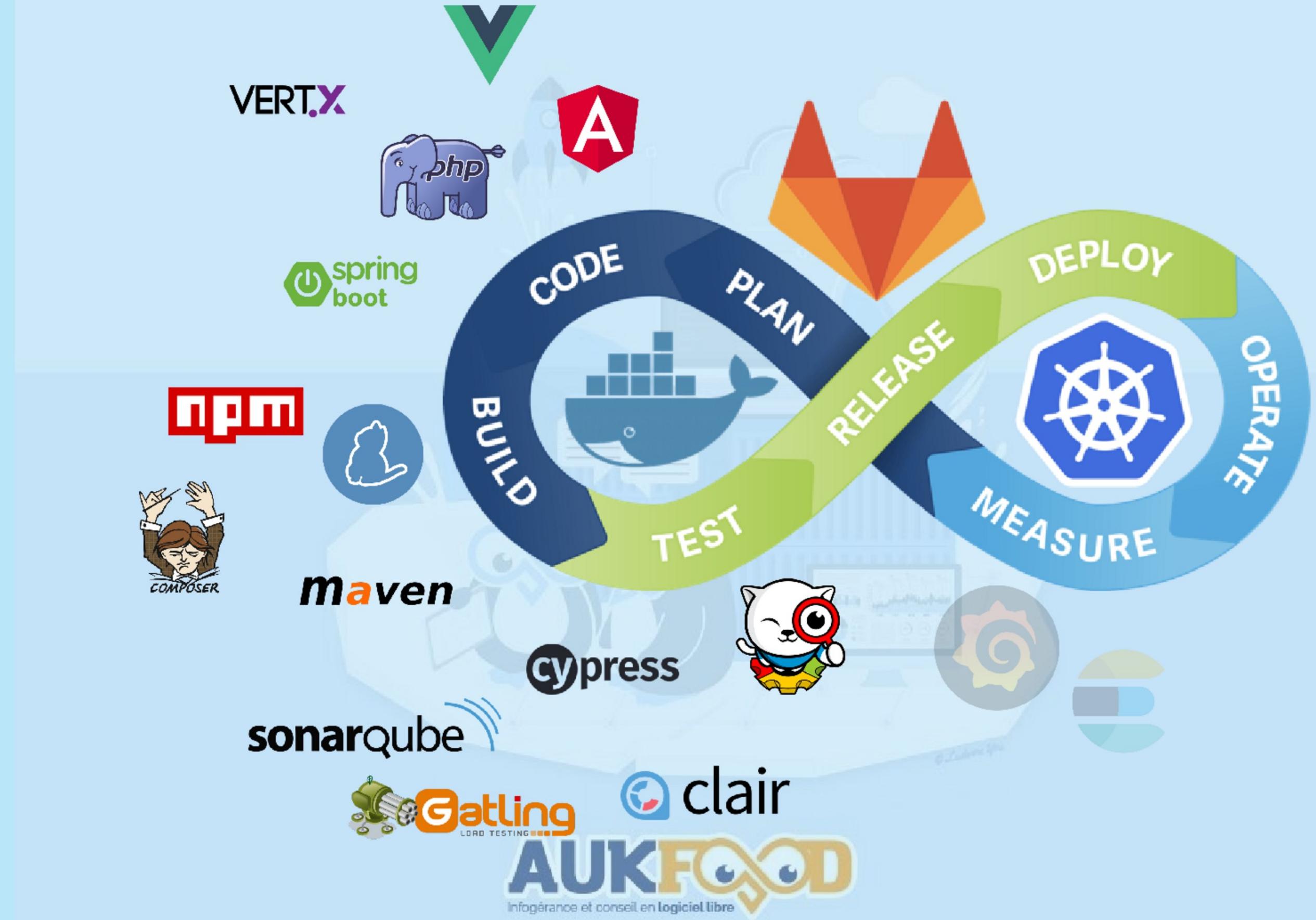


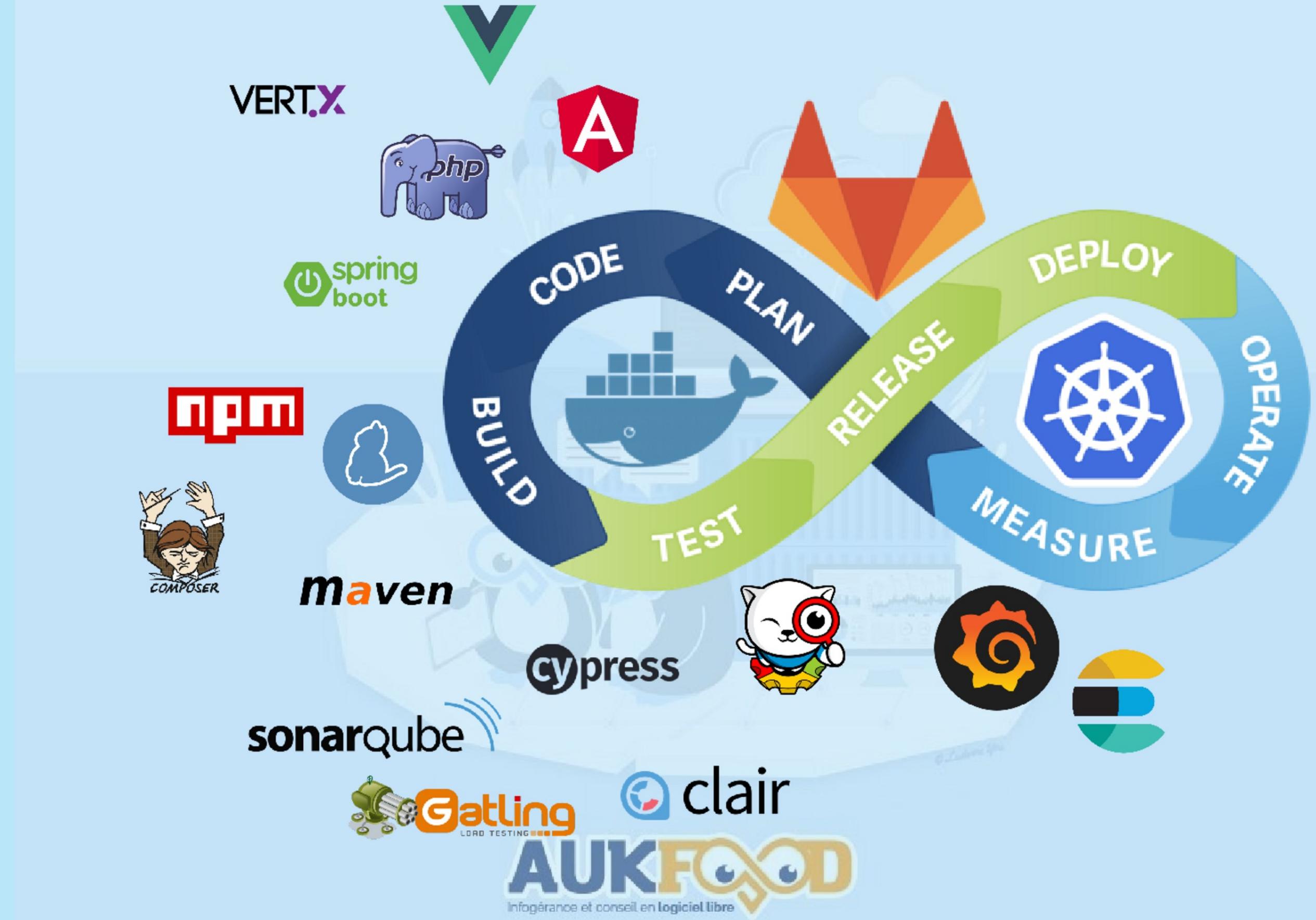
OPEN CONTAINER  
INITIATIVE

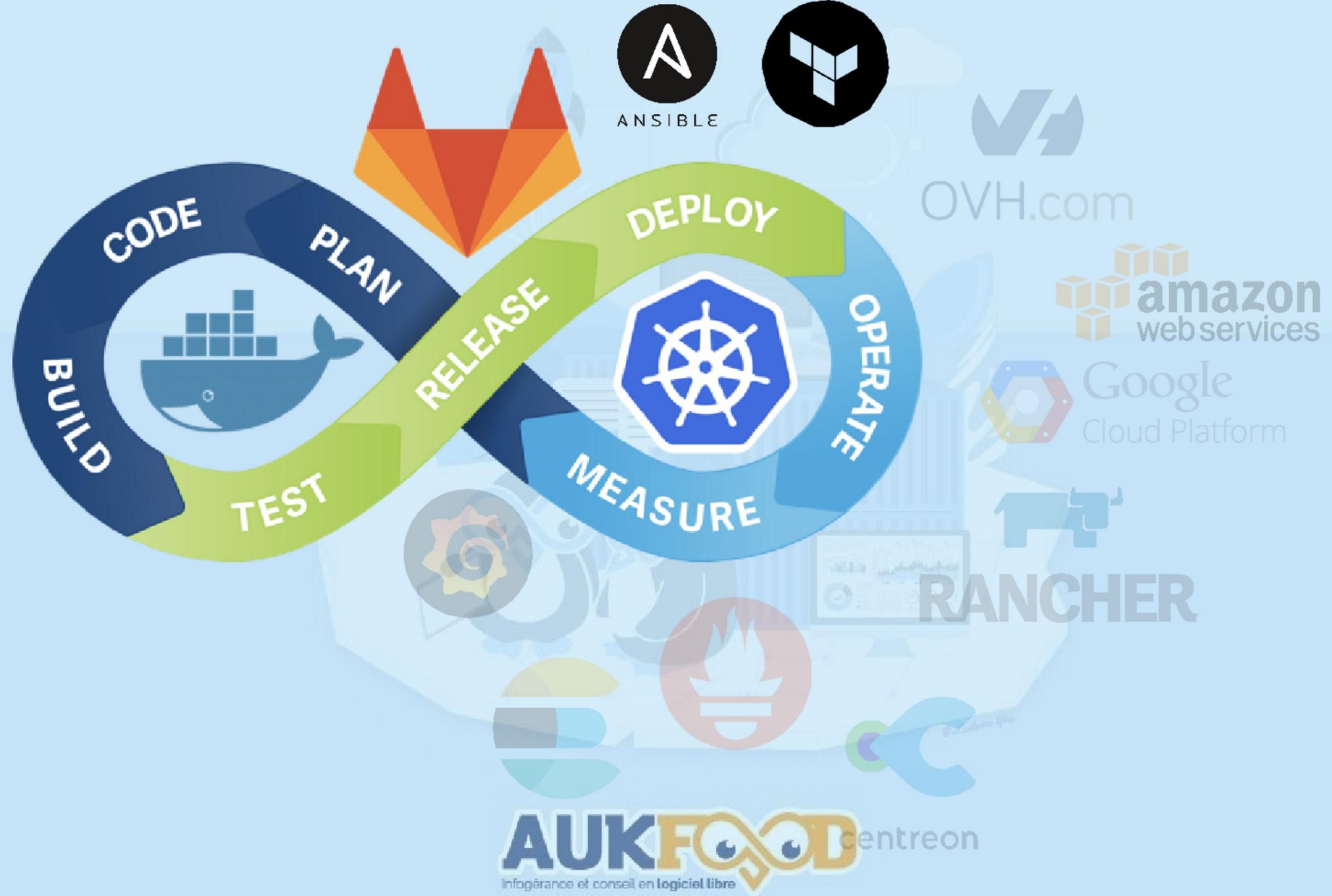


docker

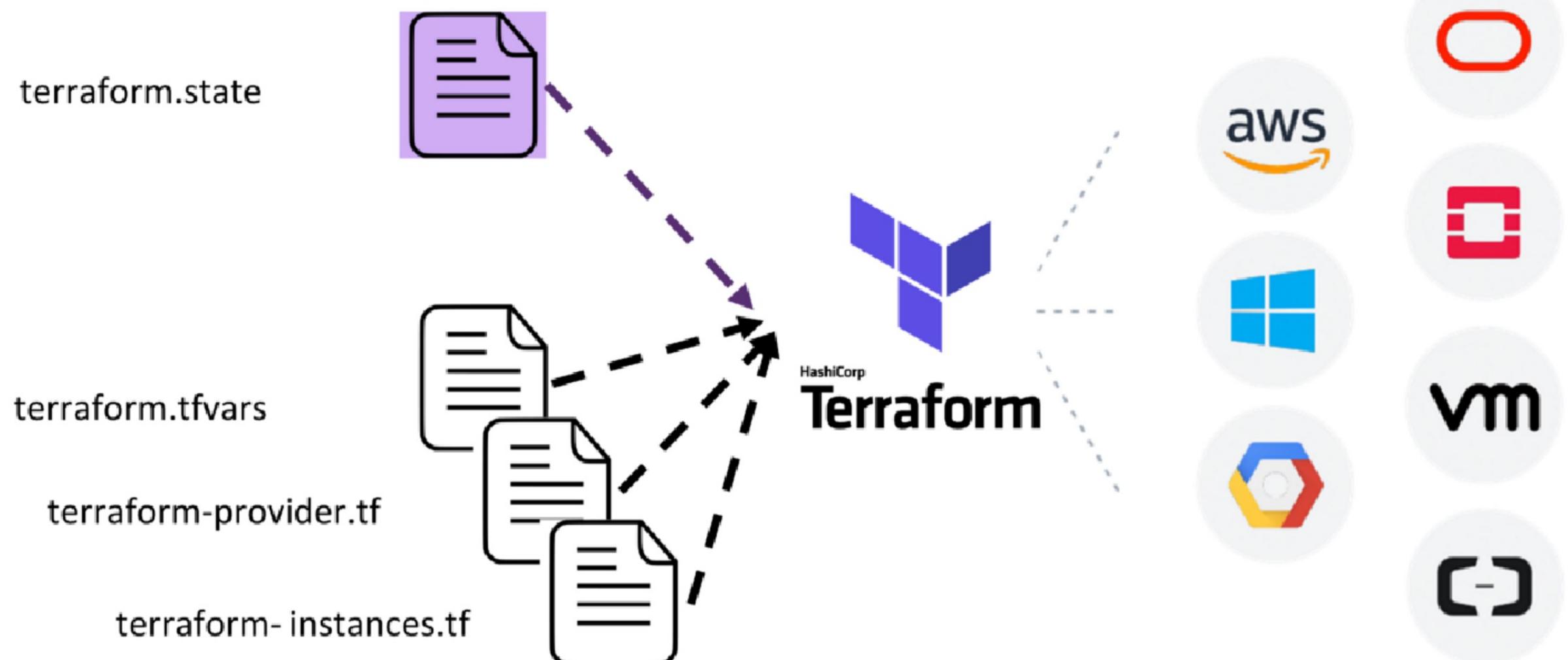
AUKFOOD  
Infogérance et conseil en logiciel libre

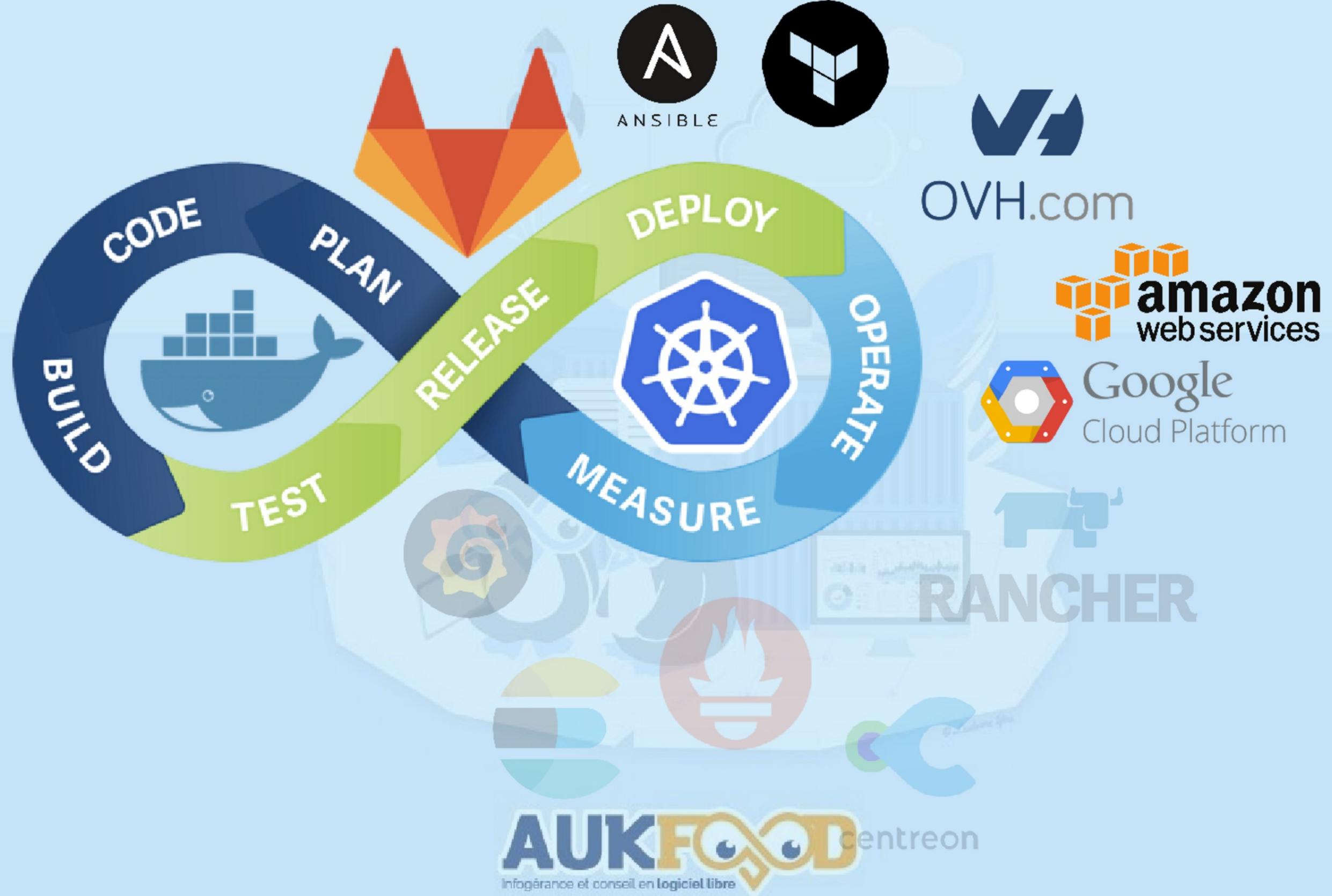




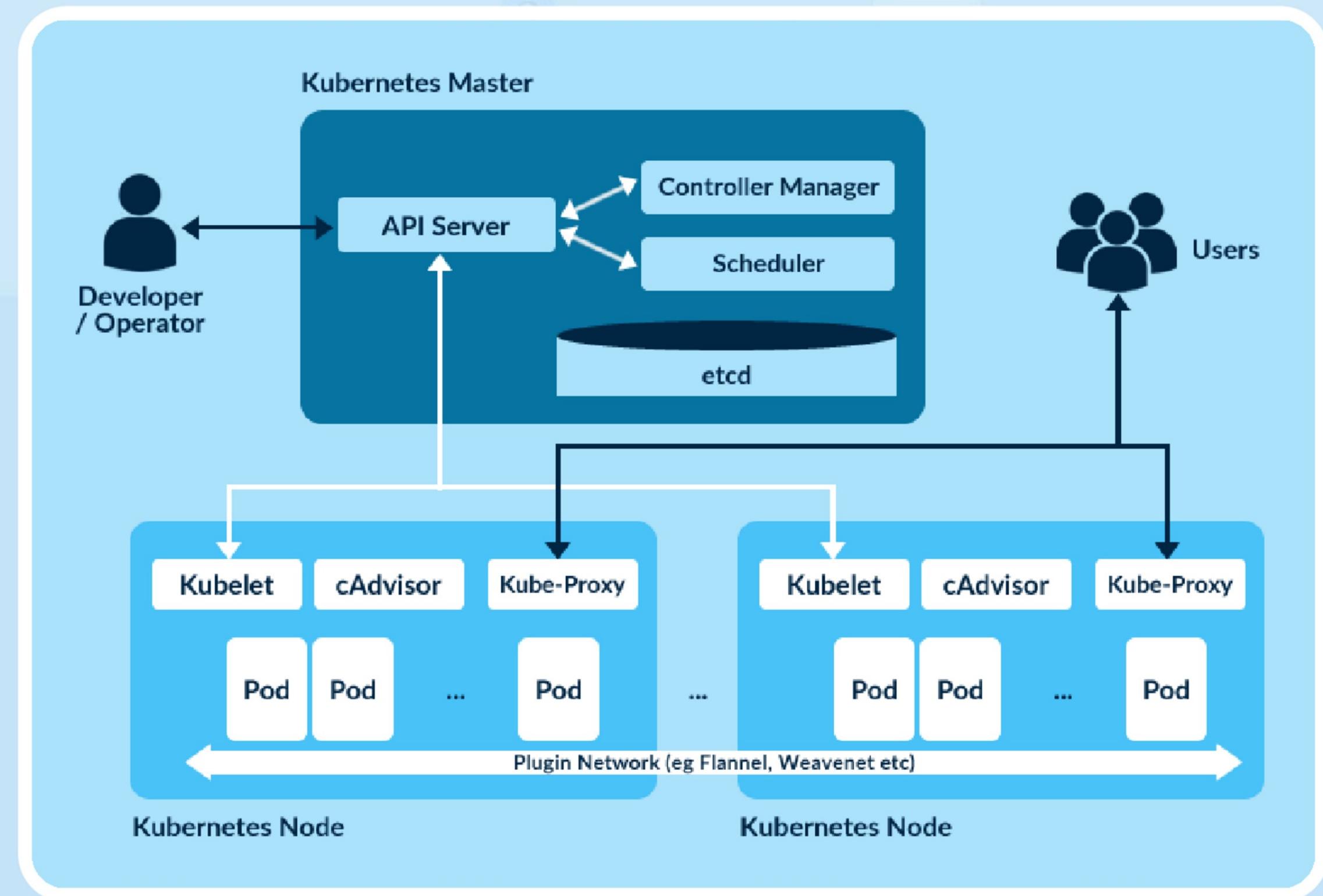


# IAC : Infrastructure As Code

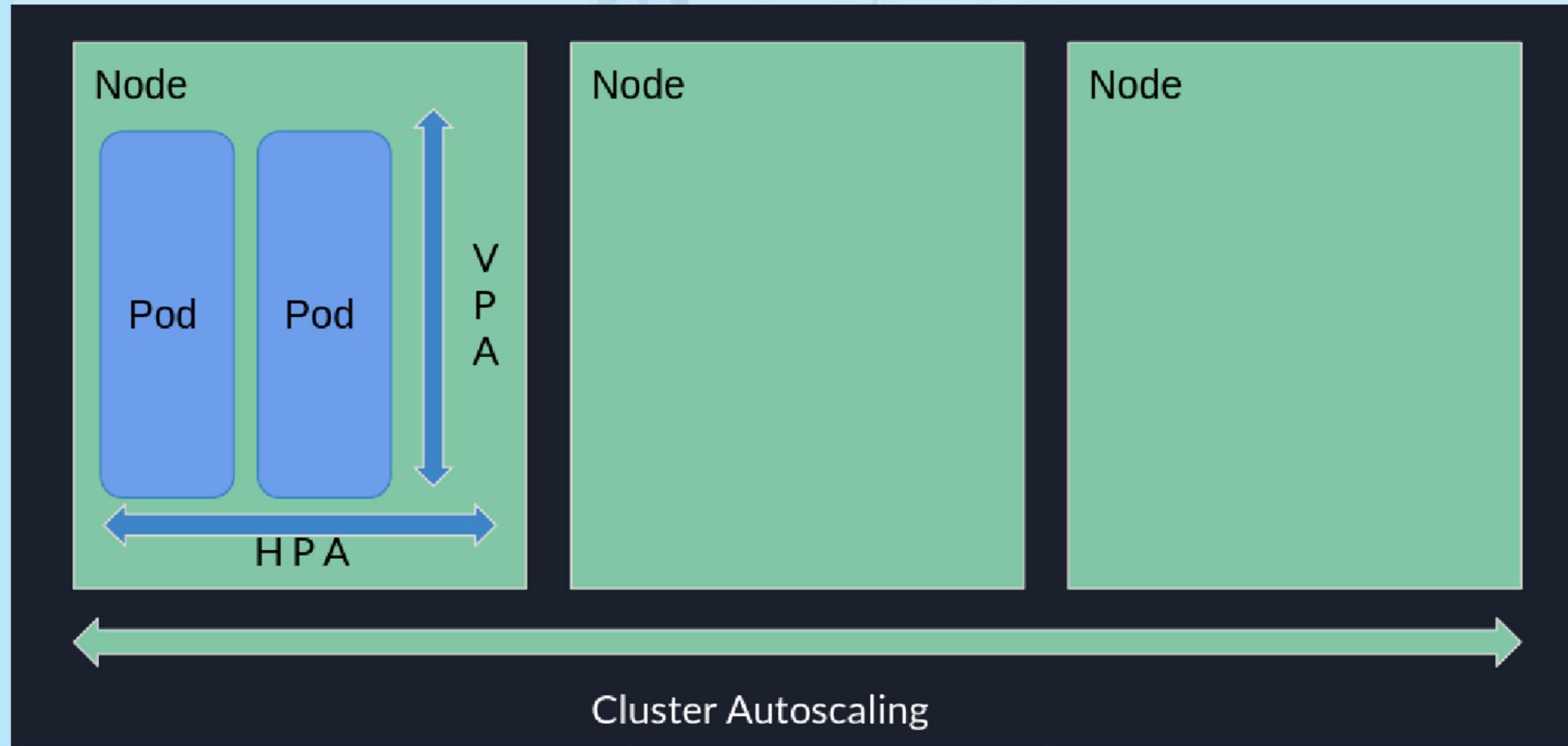




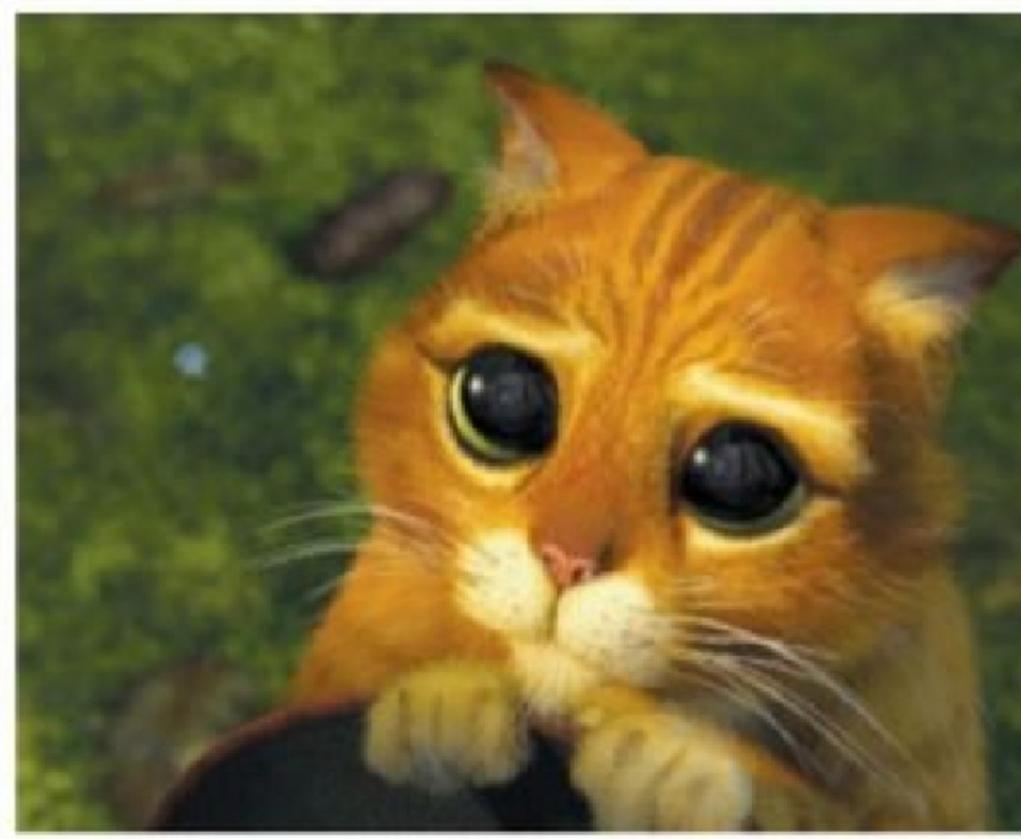
# Kubernetes



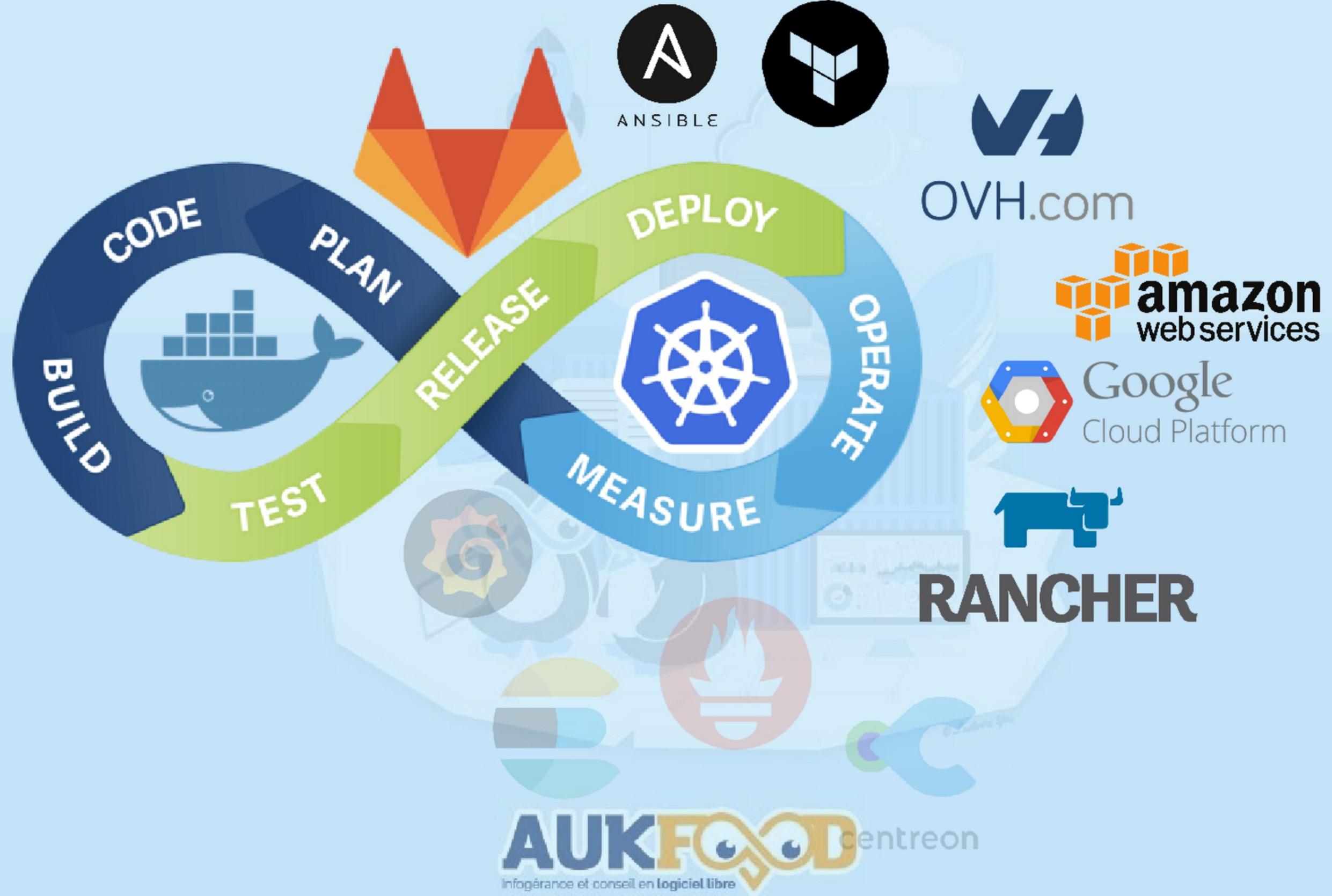
# Autoscaling

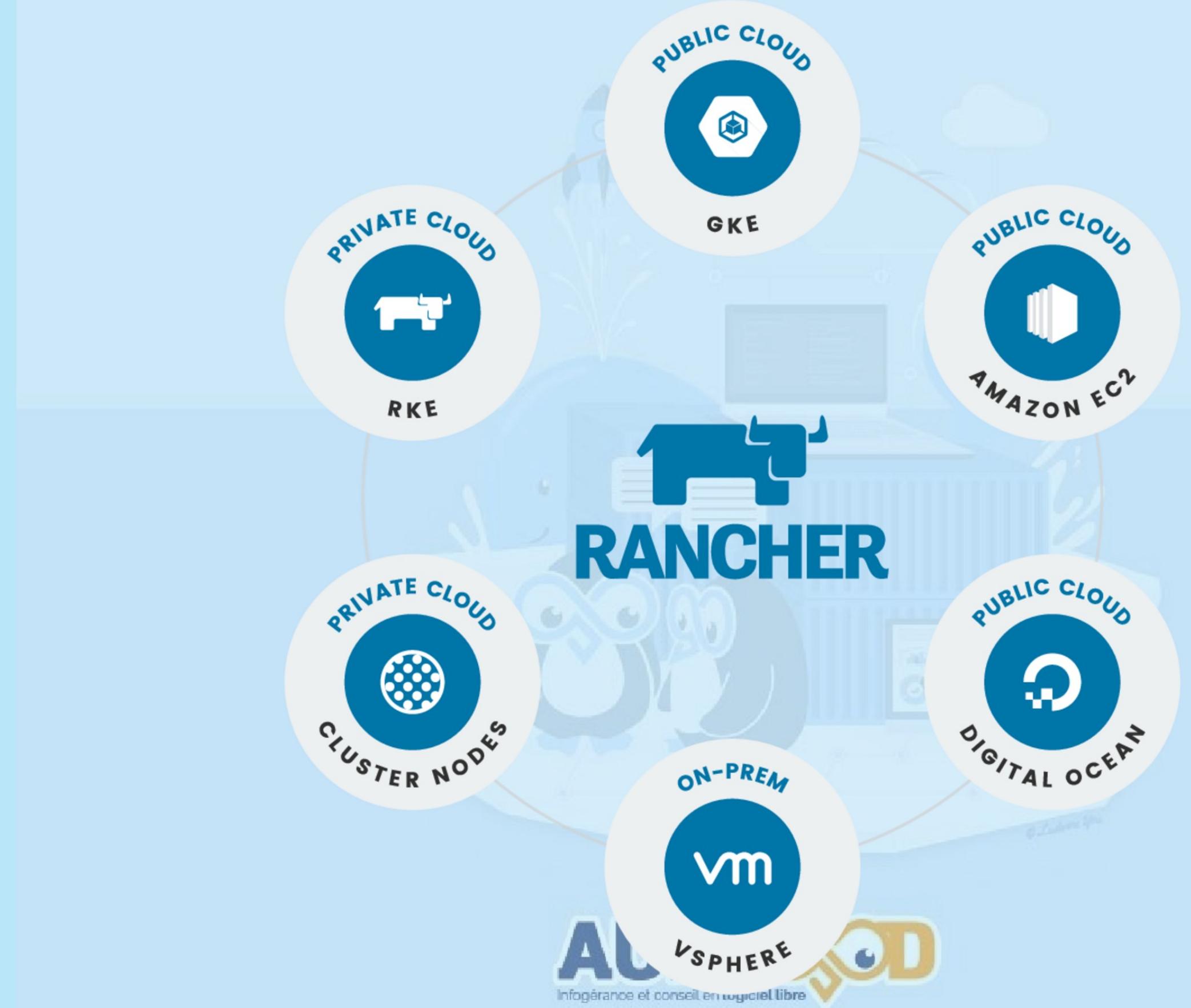


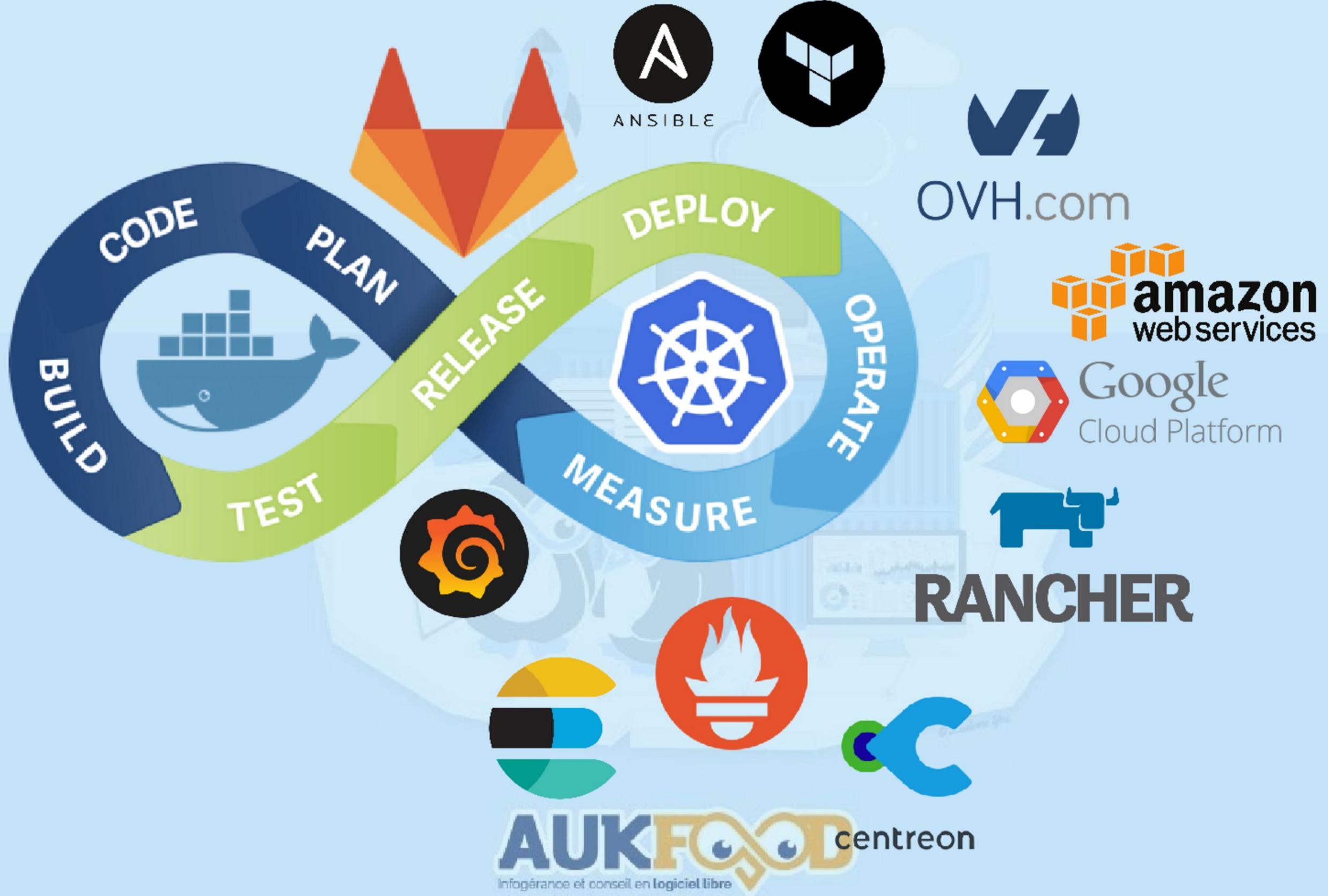
# Pet vs. Cattle

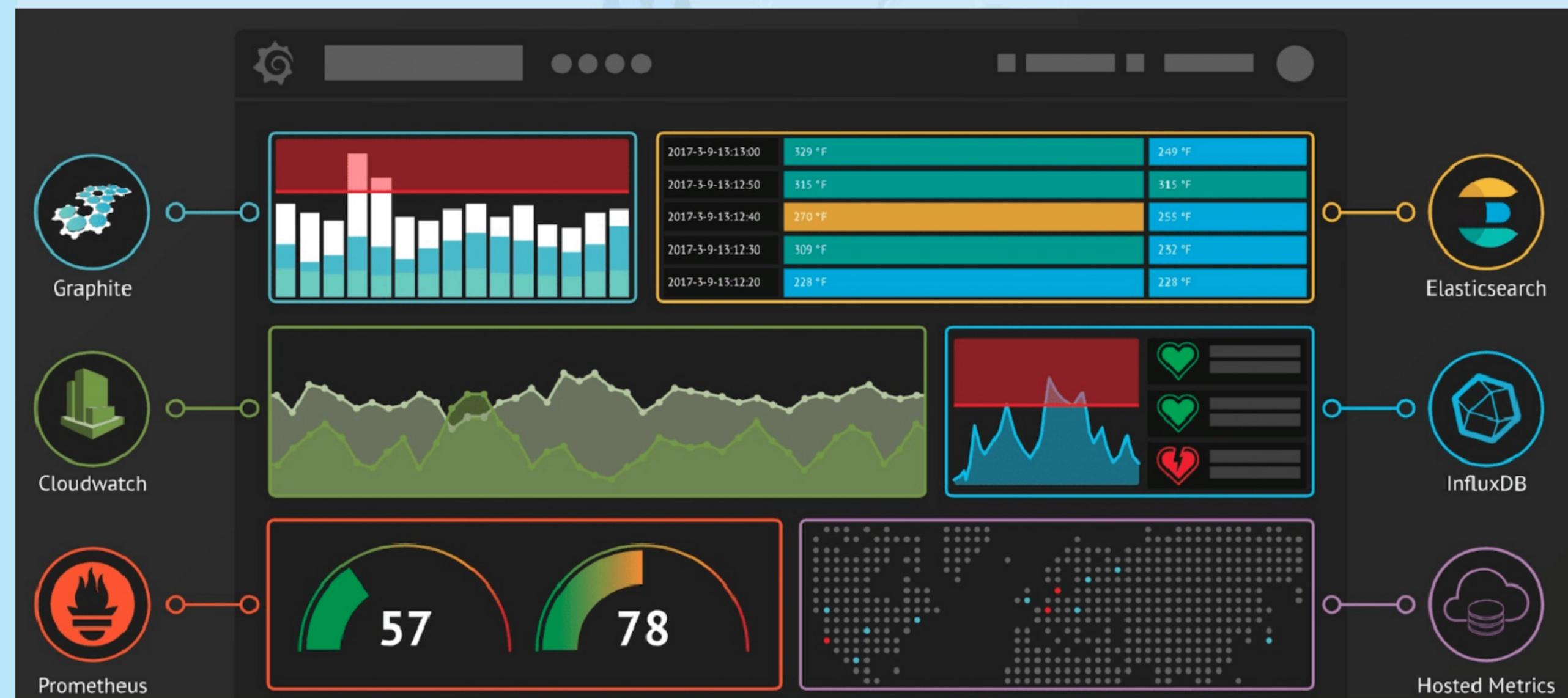


cf : <https://blog.octo.com/bd-pet-vs-cattle/>







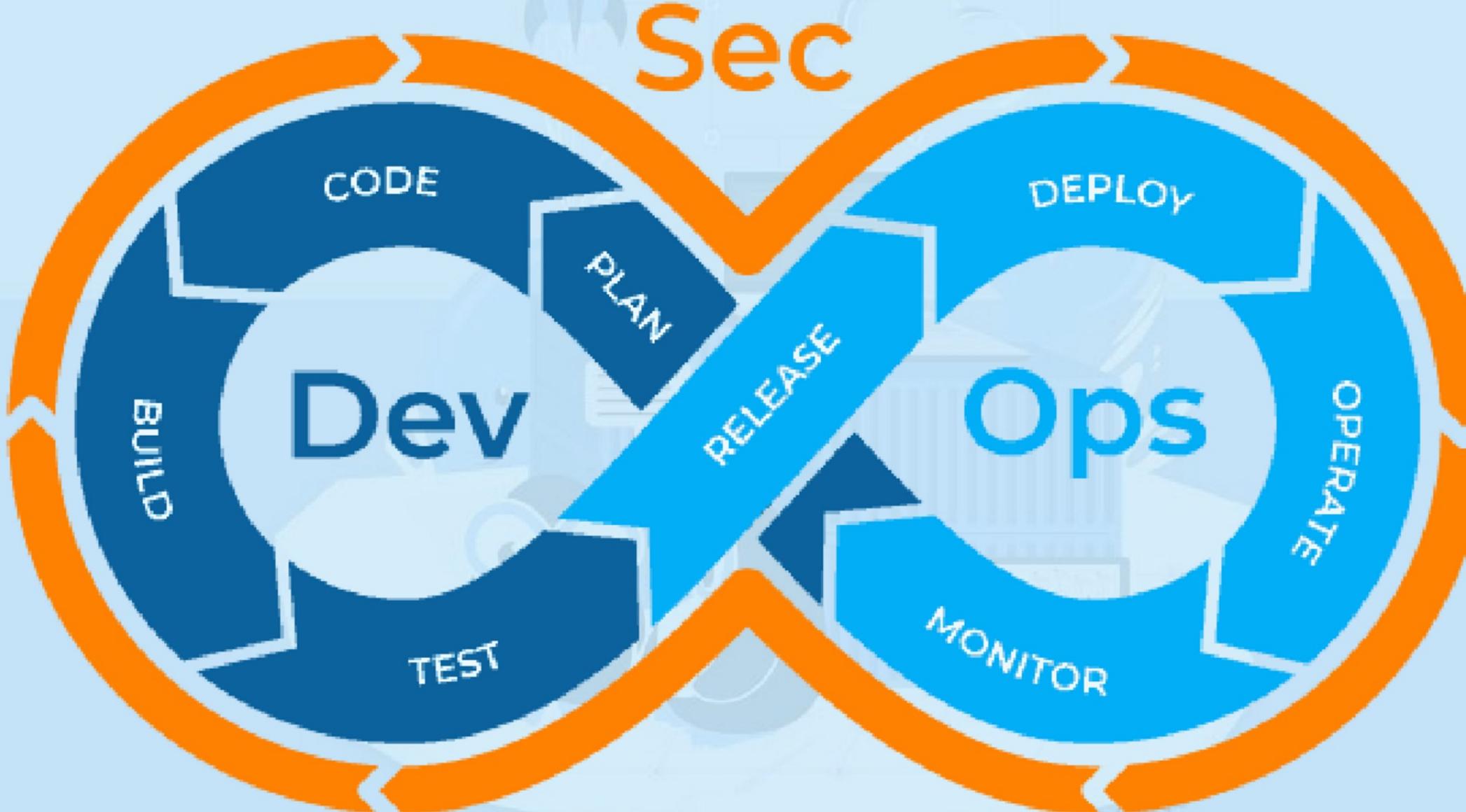






# C'est tout ?





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RESPONSABILITÉ



TRANSPARENCE

CONFiance

# Merci !

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Mail : contact@aukfood.fr

