

# DEVOPS

## *OR HOW TO MAKE AGILE THE SOFTWARE LIFECYCLE?*

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MASTER 1 ICE, 2017-2018

**BENOIT COMBEMALE**  
PROFESSOR, UNIV. TOULOUSE, FRANCE

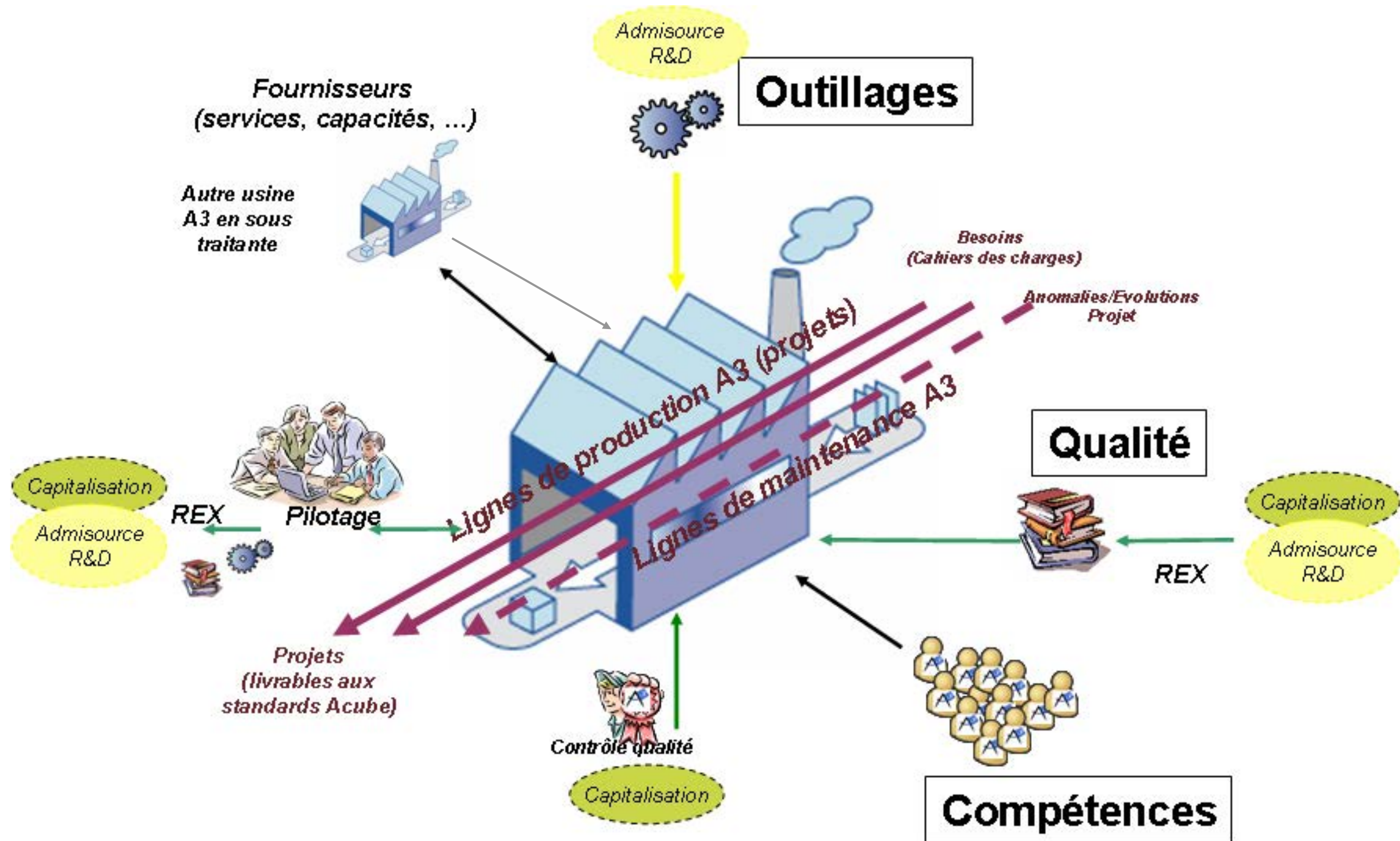
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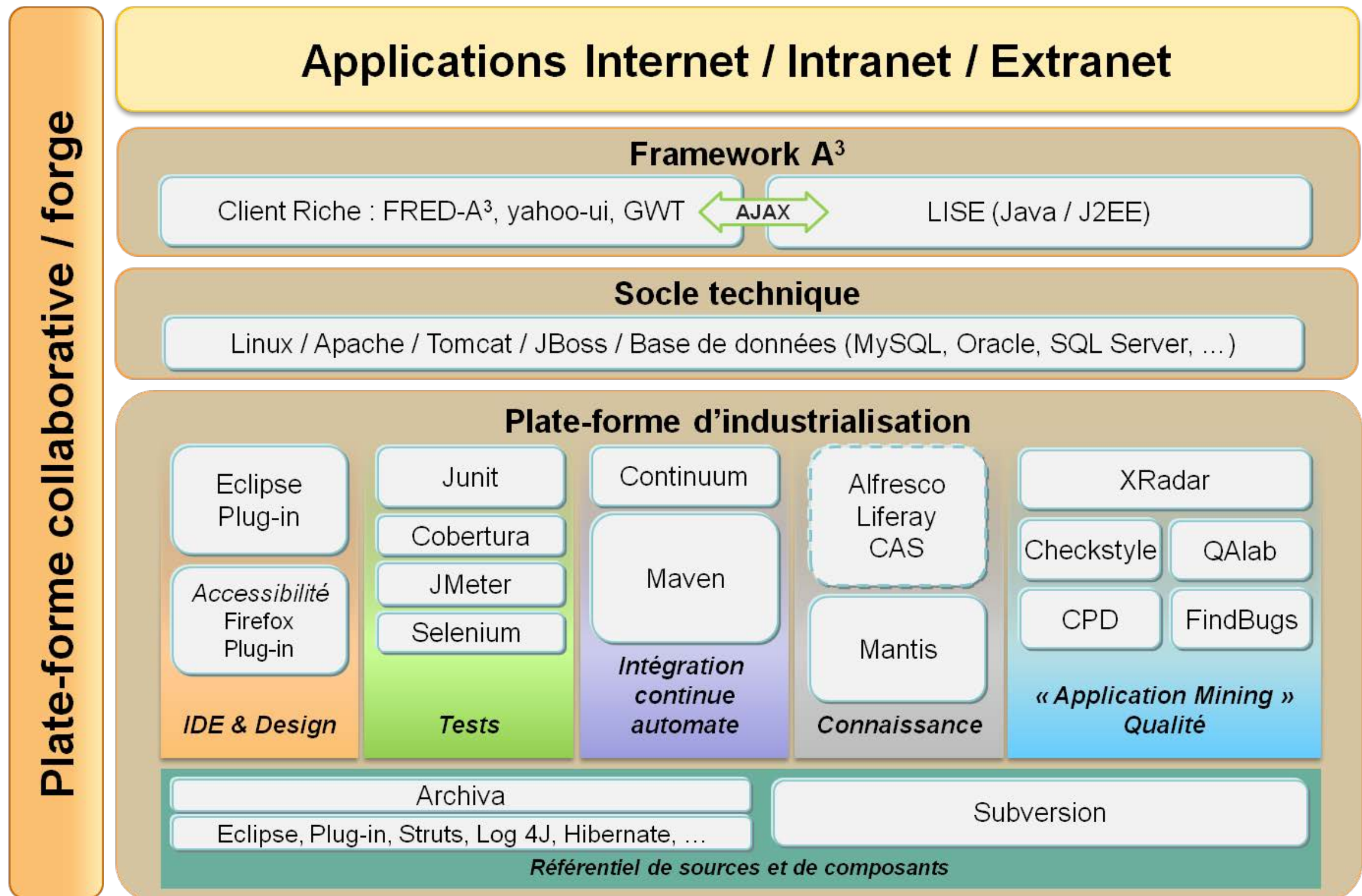
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# Exemple d'organisation de projet

# Usine Logicielle

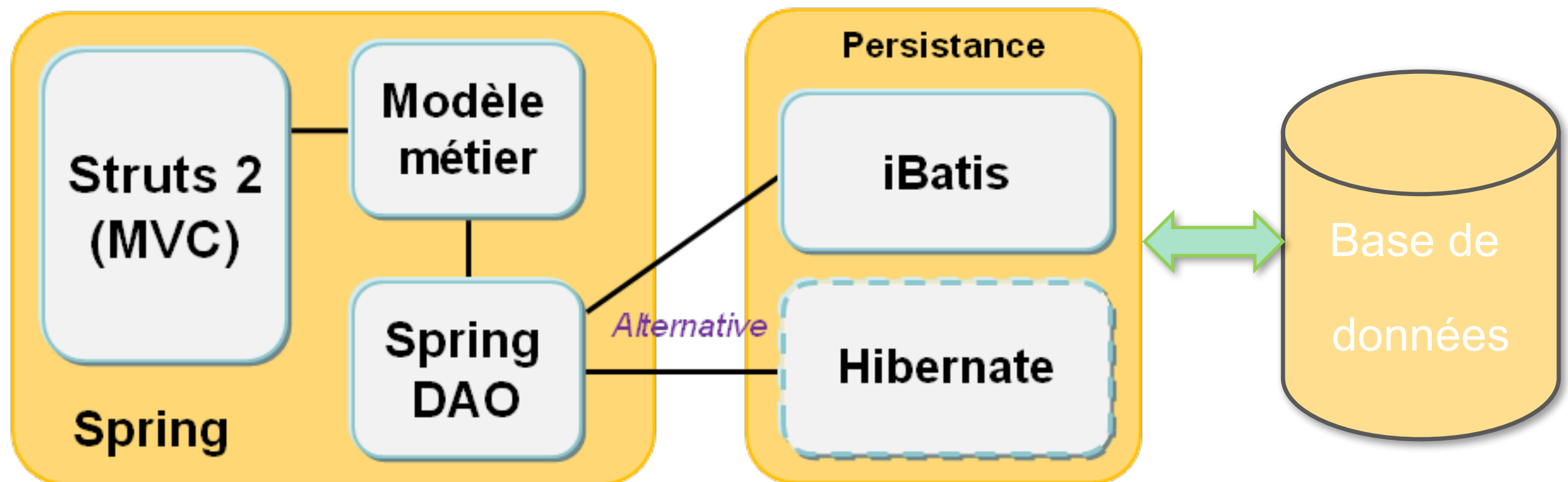


# Approche industrielle moderne – un cas classique





# Serveur JEE (exemple)



# Approche méthodologique 1/2

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- ▶ Intérêts pour l'entreprise
  - ▶ Standardisation pour une meilleure maintenabilité
  - ▶ Cohérence entre les projets
  - ▶ Capitalisation

# Approche méthodologique 2/2

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- ▶ Intérêt pour le client
  - ▶ Voir l'application se construire
  - ▶ Faire ses remarques au fur et à mesure
  - ▶ Prioriser les exigences

# What's DevOps?

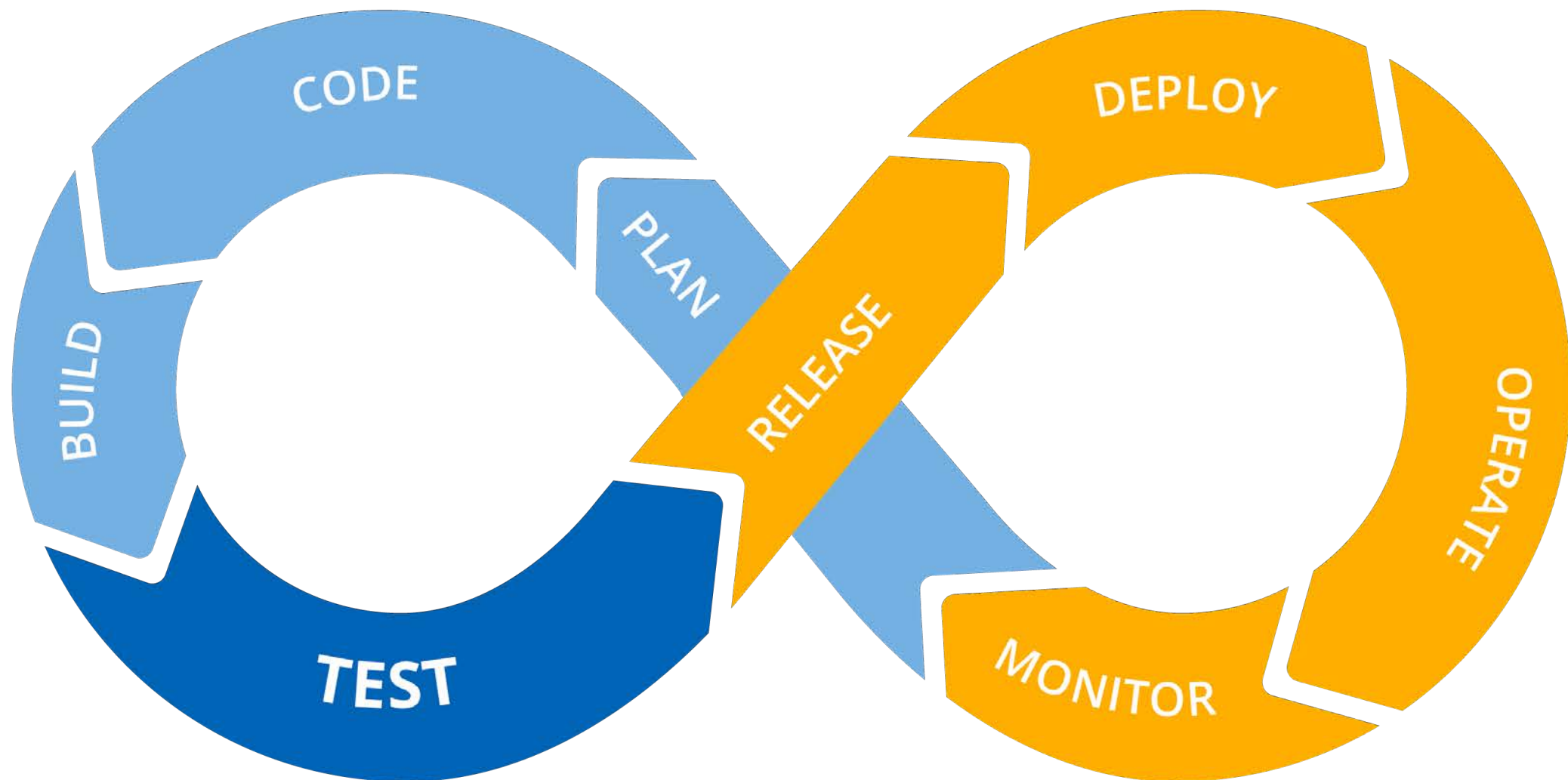
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*"A software engineering practice  
that aims at unifying  
software development (Dev)  
and software operation (Ops)."*

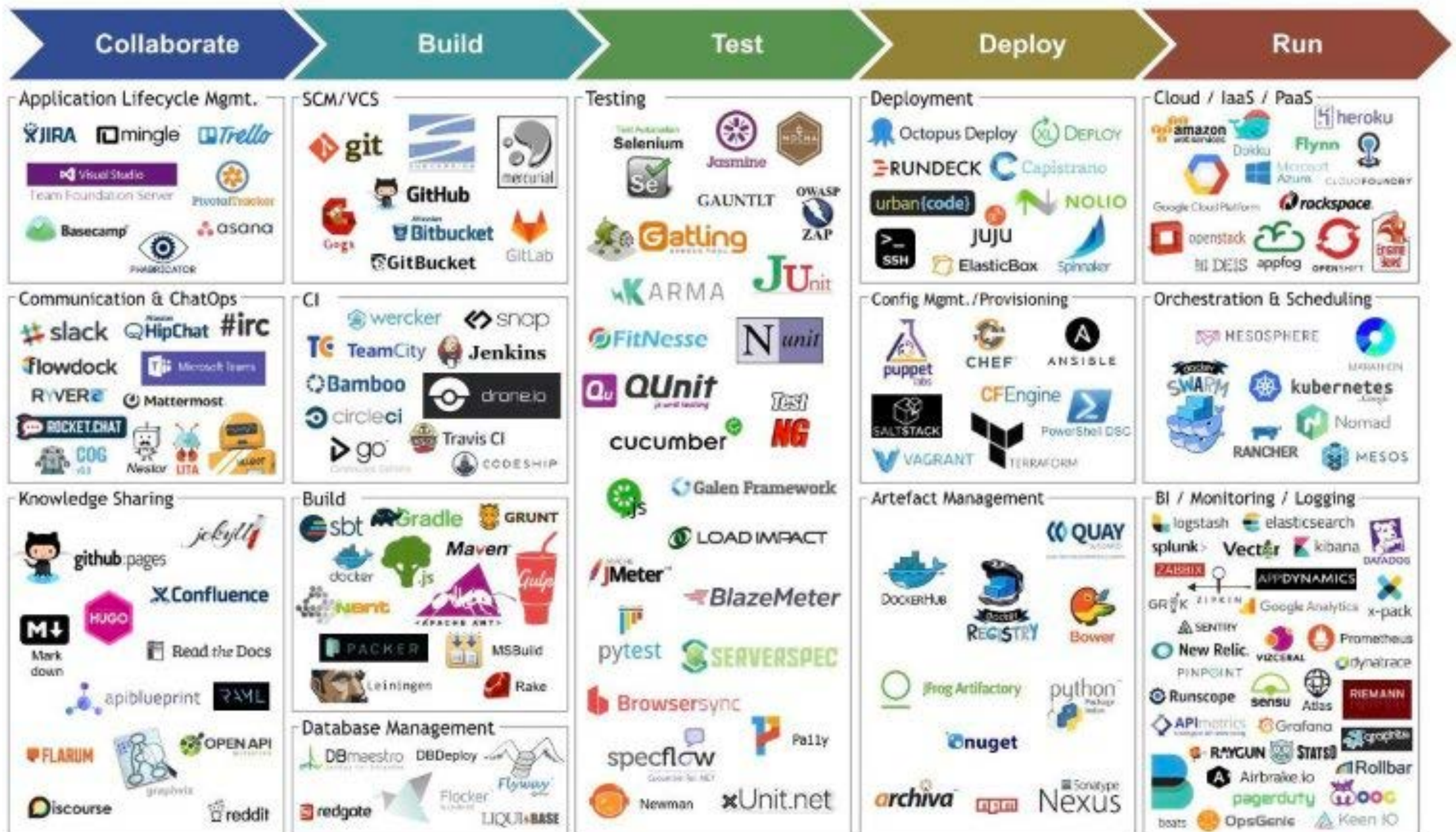


# What's DevOps?

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# What's DevOps?



# Outline of the course

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It's all about software  
development industrialization  
in a collaborative environment!