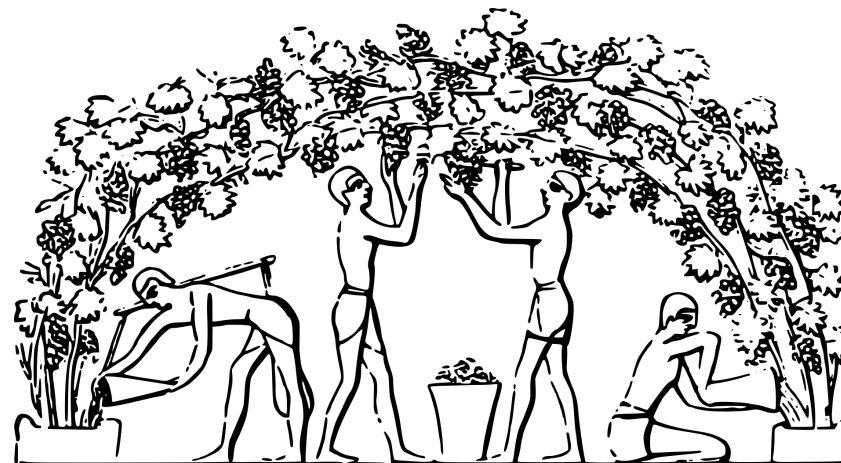


Equipe SPARKS
groupe MUSCAT*

Focus sur l'IE :
Requirements in
action



People

Faculty



Mireille Blay-Fornarino

Professor, (Université Côte d'Azur)



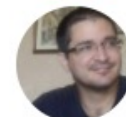
Philippe Collet

Professor, (Université Côte d'Azur), group leader



Anne-Marie Pinna-Dery

Assistant Professor, (Université Côte d'Azur)



Philippe Renevier-Gonin

Assistant Professor, (Université Côte d'Azur)

Graduate Students



**Yassine
Elamraoui**

MSc 2019



**Johann
Mortara**

MSc 2019

Développement continu de grands systèmes



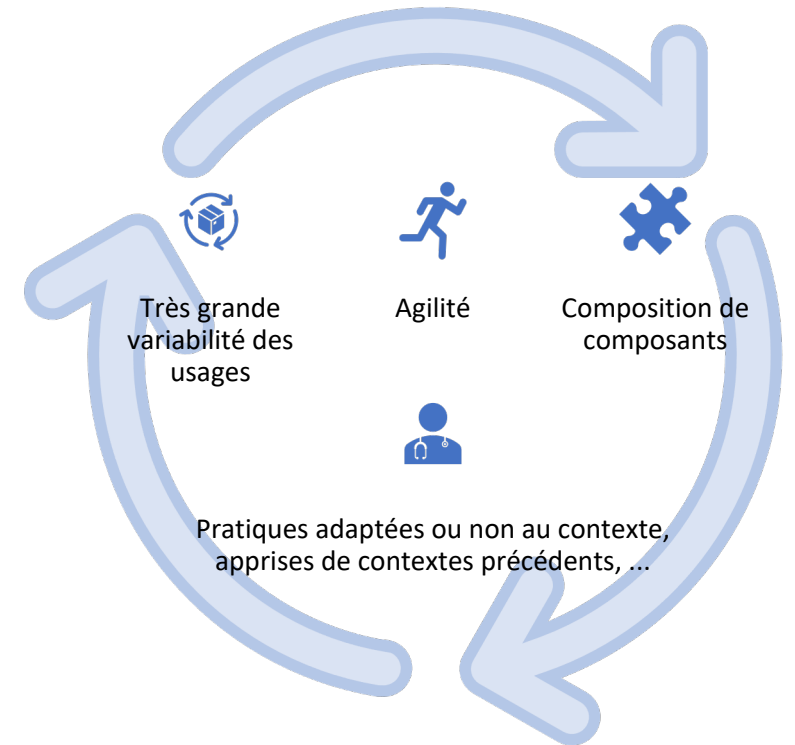
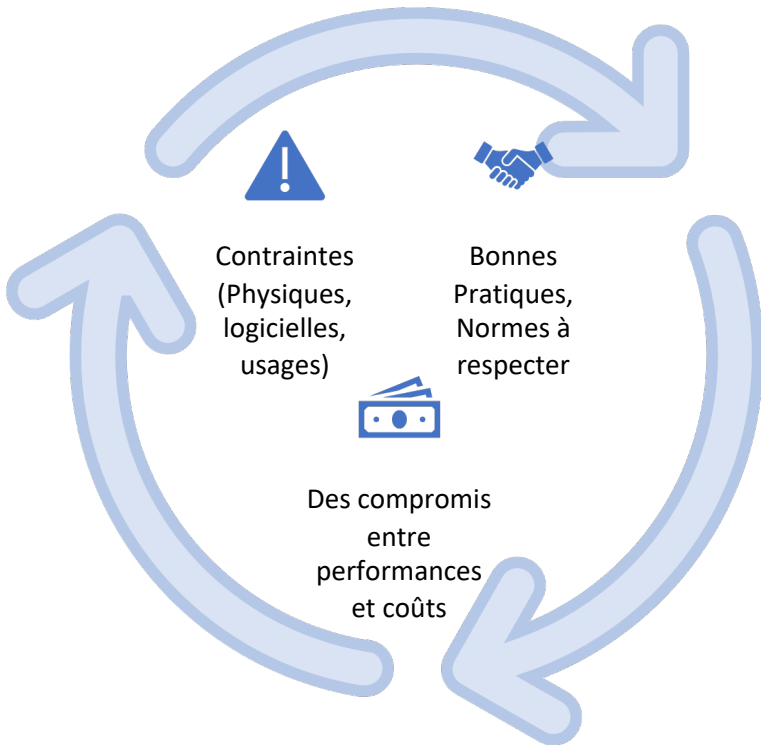
Exigences



Interactions



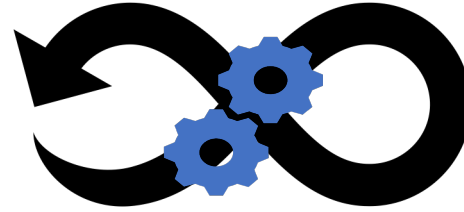
Dev+Ops



Développement continu de grands systèmes : systématiser les interactions entre exigences et toutes les étapes du Dev+Ops



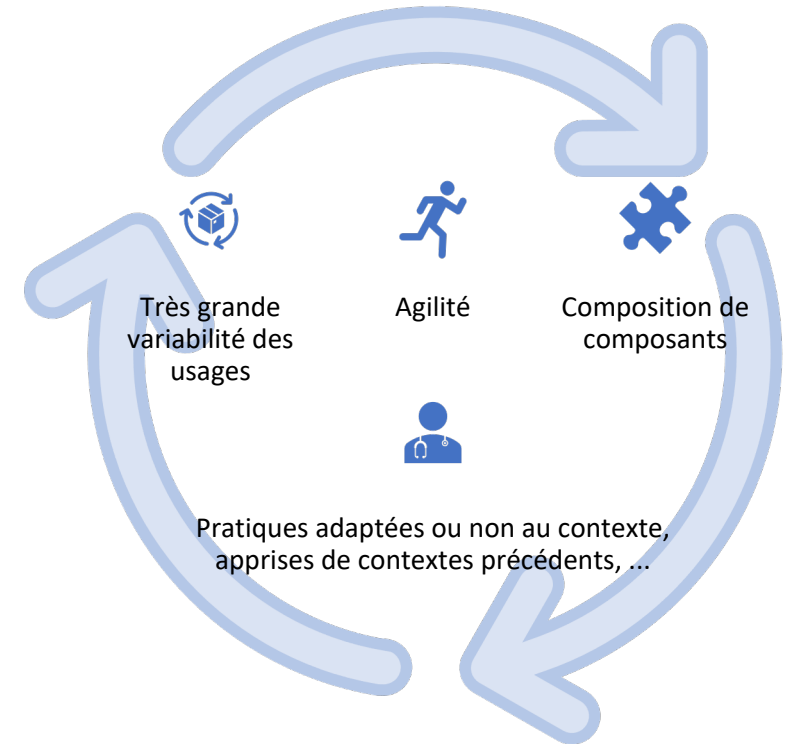
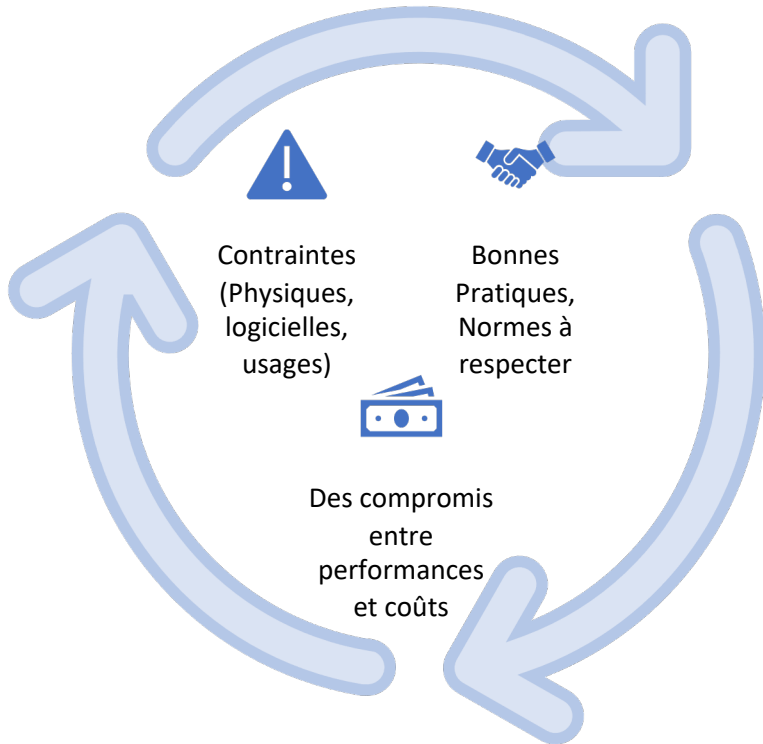
Exigences



Interactions
systématiques



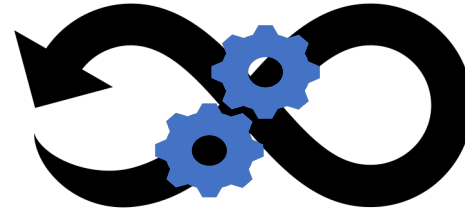
Dev+Ops



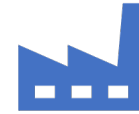
Développement continu de grands systèmes : Très grande variabilité et vérification de cohérence



Exigences



Interactions
systématiques



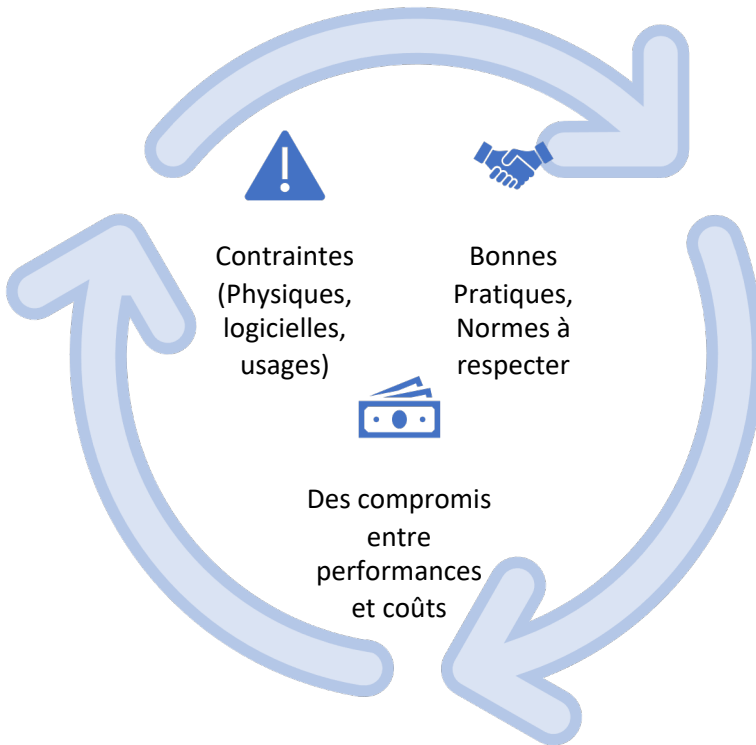
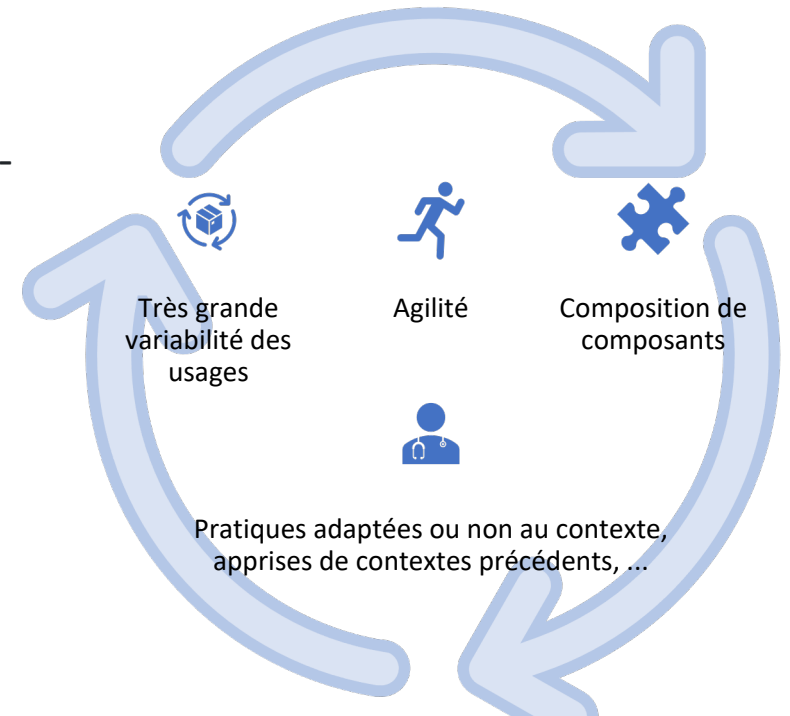
Dev+Ops



Variability-Intensive Applications over Highly-Configurable Platforms: Early Feasibility and Optimality Analysis (Sami Lazreg 20, Société VISTEON)



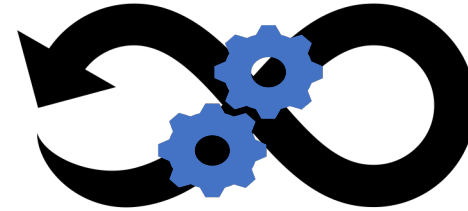
Understanding Large Object-Oriented Variability-Rich Systems by Automatic Detection of Implemented Variation Points (Johann Mortara 2019-2022)



Développement continu de grands systèmes : Justifier des « bonnes » pratiques



Exigences



Interactions
systématiques

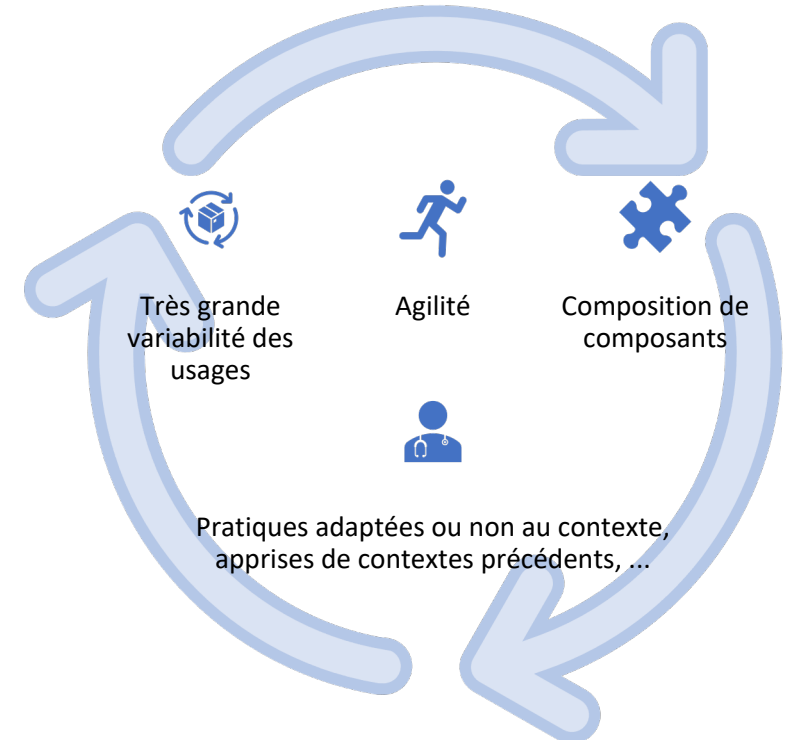


Support of Justification Elicitation:
(Clément Duffau 19, société AXONIC)

Justifications within the integration process
(été 20, avec Sébastien Mosser)



Dev+Ops



Contraintes
(Physiques,
logicielles,
usages)

Bonnes
Pratiques,
Normes à
respecter

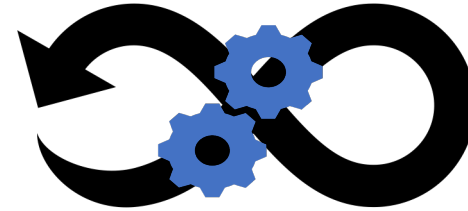
Des compromis
entre
performances
et coûts



Développement continu de grands systèmes : Mastering ML practices



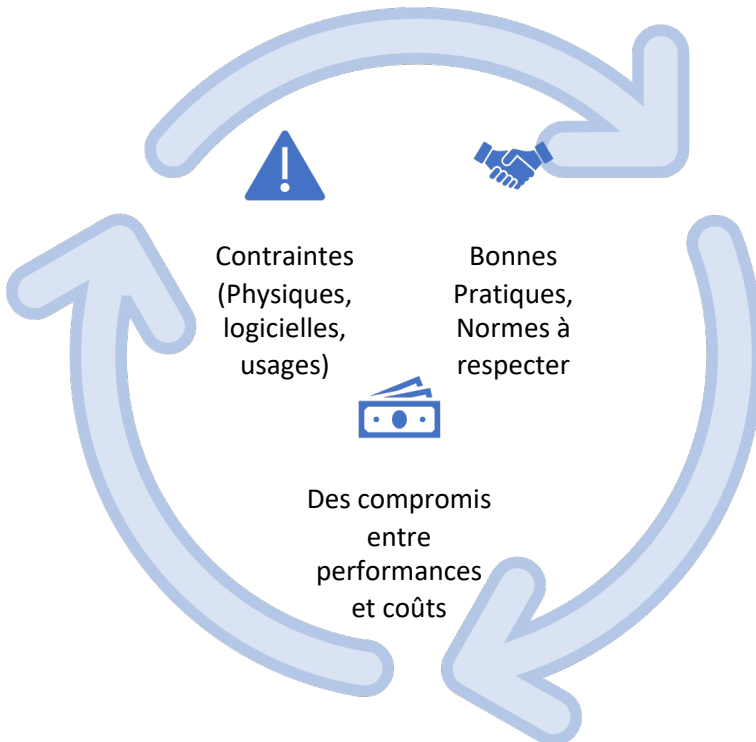
Exigences



Interactions
systématiques

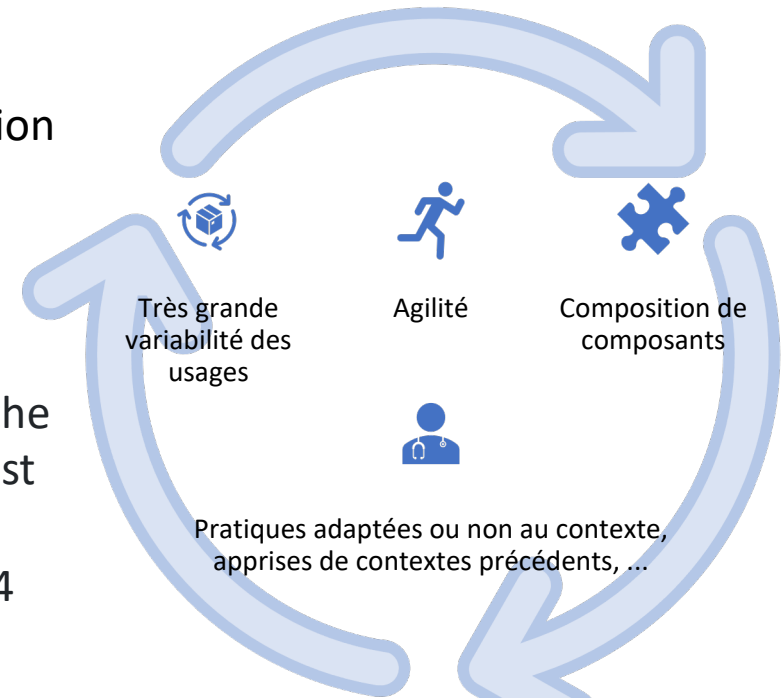


Dev+Ops



ML Workflows portfolio: problem identification through SPL and meta-learning approaches (ROCKFLOWS 2016 -> ...)(<http://rockflows.i3s.unice.fr/>)

Anomaly detection in time series: what are the requirements that drive the choice of the best workflow? How to learn from apparent contradictions?(Yassine El AMRAOUI, 21-> 24 société EZAKO)



Mireille Blay-Fornarino
Professor, (Université Côte d'Azur)



Frédéric Precioso
Professeur des Universités (Full Professor)