



Soirée du
test logiciel

✓ Sophia Antipolis

Robot Framework: The Game-Changer for Amadeus QA

Sébastien PLAISANT
Principal Quality Engineer

amADEUS



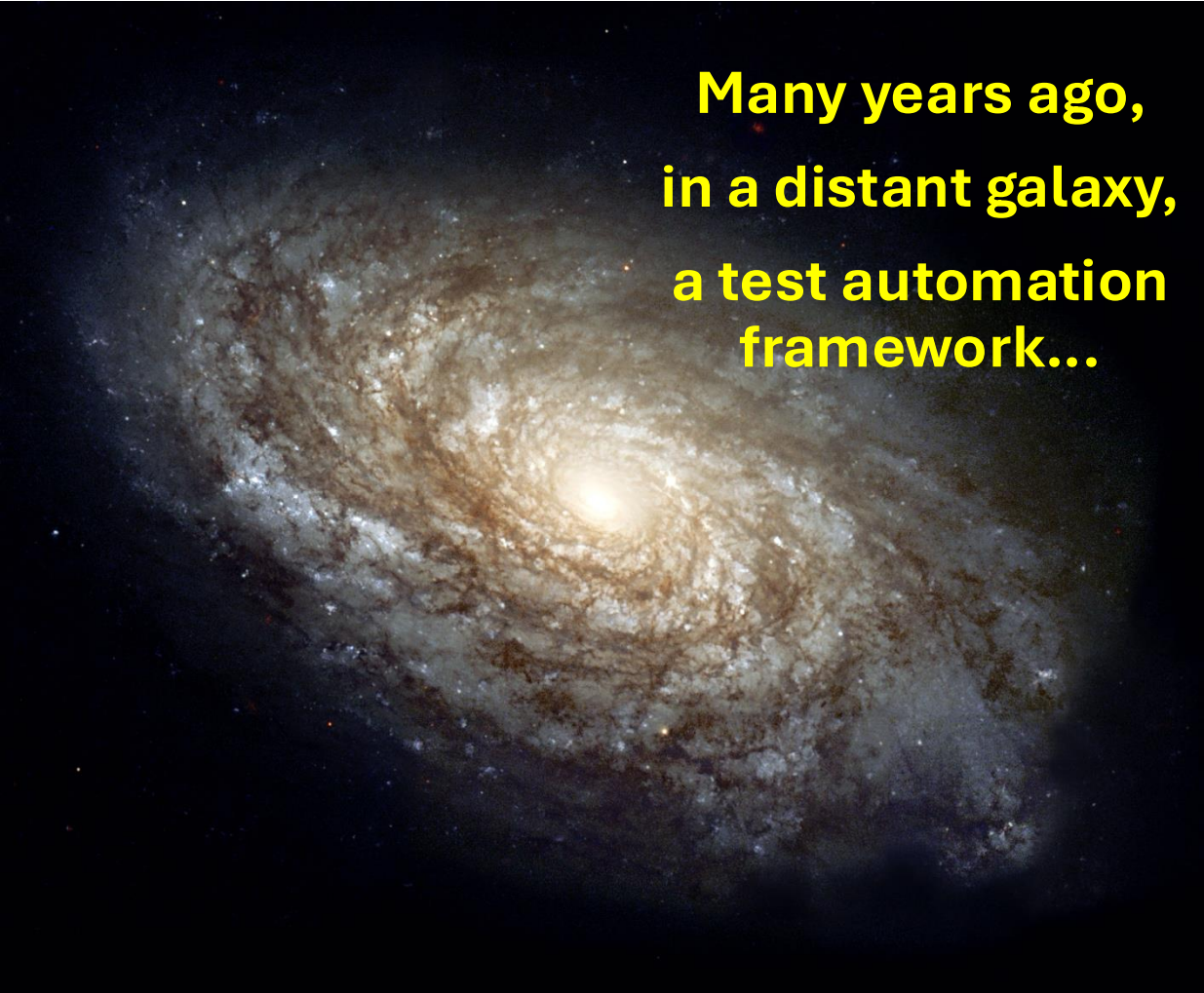
Animateur
Azuréen
Numérique



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Robot Framework

Why another test framework ?



**Many years ago,
in a distant galaxy,
a test automation
framework...**

What is this test framework?

Why using it?

Have you seen this syntax ??
(double spaces)

...



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UI testing

My first experience

~100 UI tests with Protractor / Selenium

Improve stability (30% flakiness)

Reduced execution time

Enable parallel test execution





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The revelation UI testing with **Robot Framework !**

Easy to install !

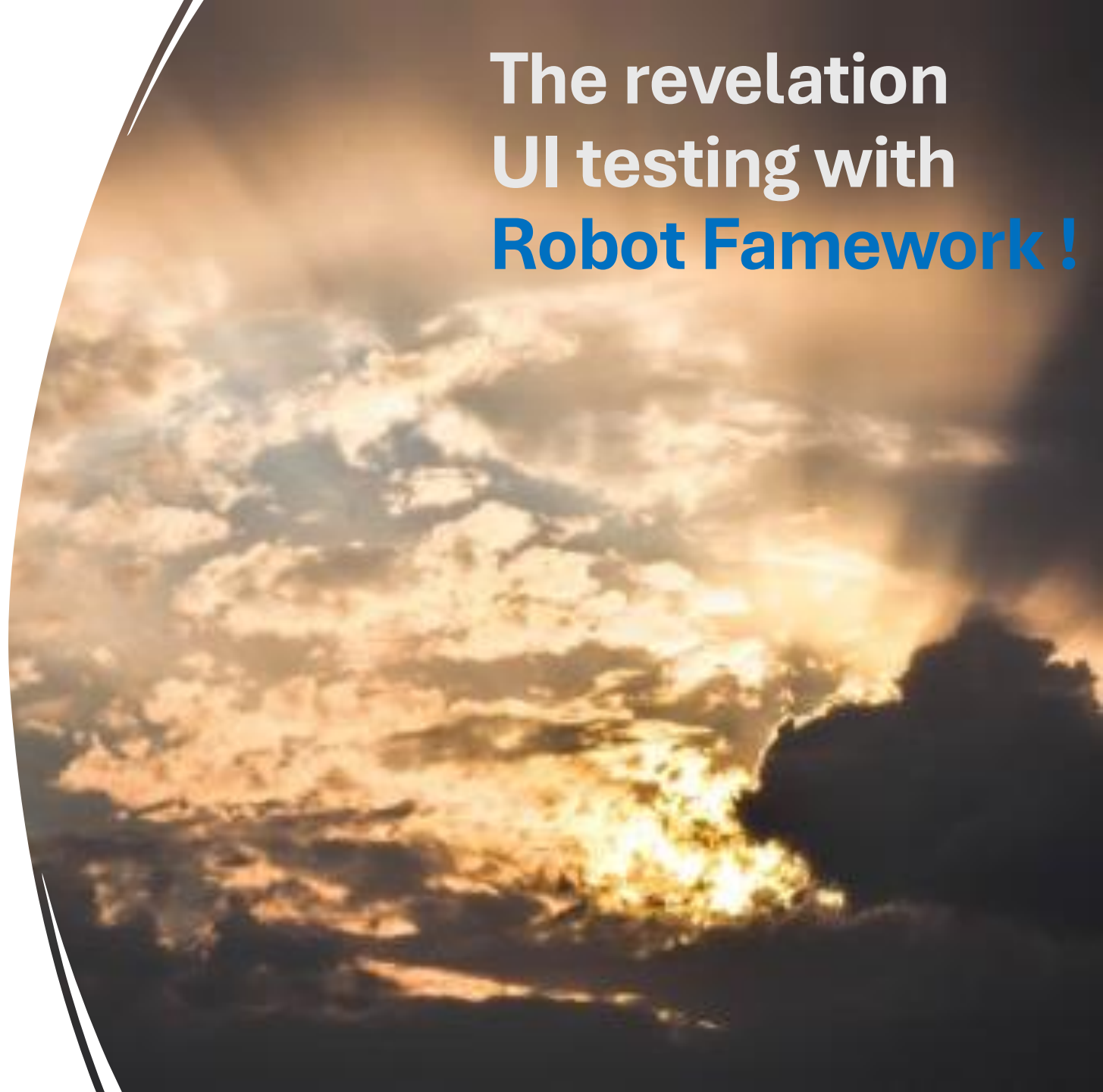
Easy to write UI tests !

Easy to run !

Easy to read / troubleshoot !

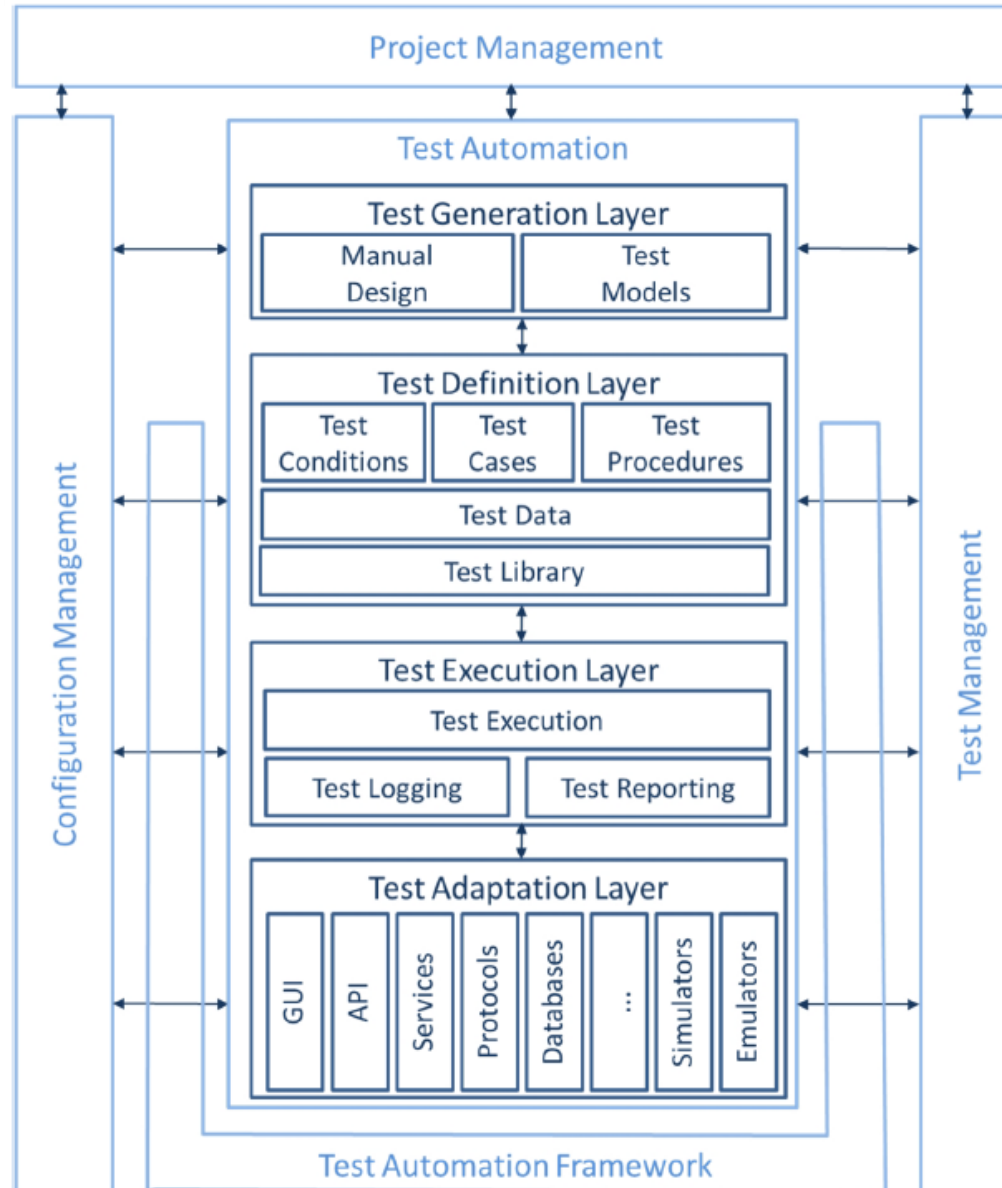
No more sleep !

Fast !



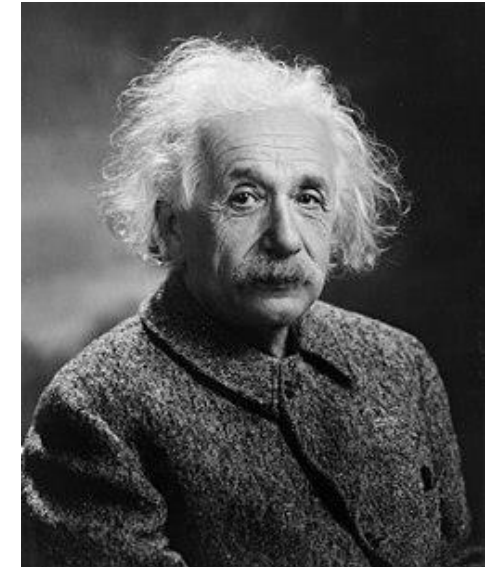


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GIVEN

The test automation framework theory

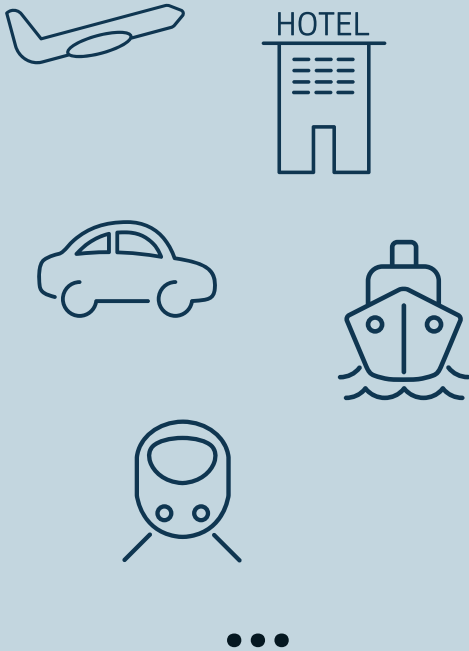




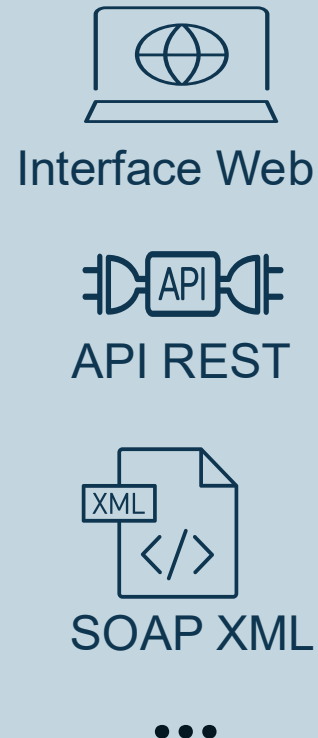
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When Our Amadeus ecosystem

Multiple actors



Multiple technologies



Multiple tools

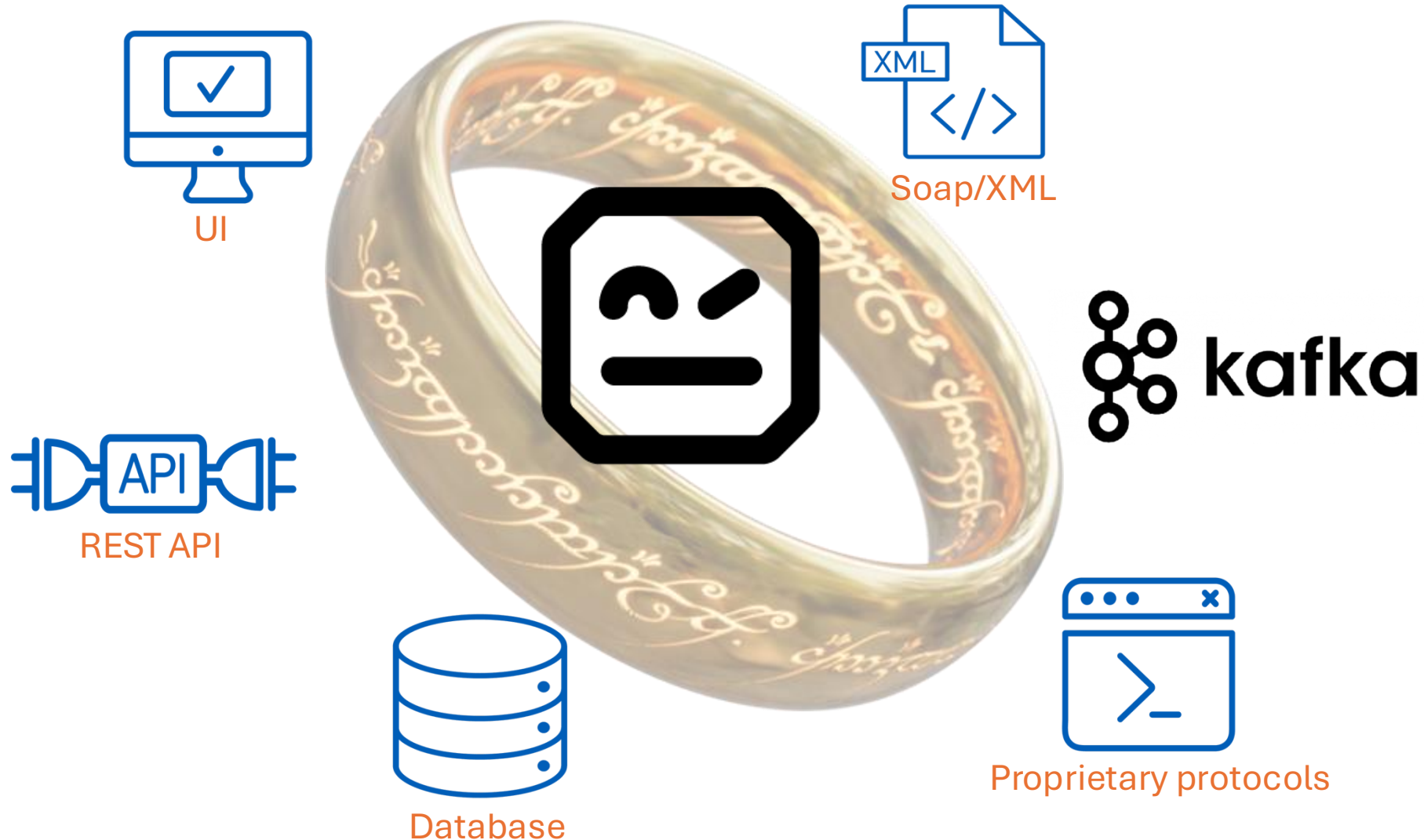




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Then

One single tool to run them all



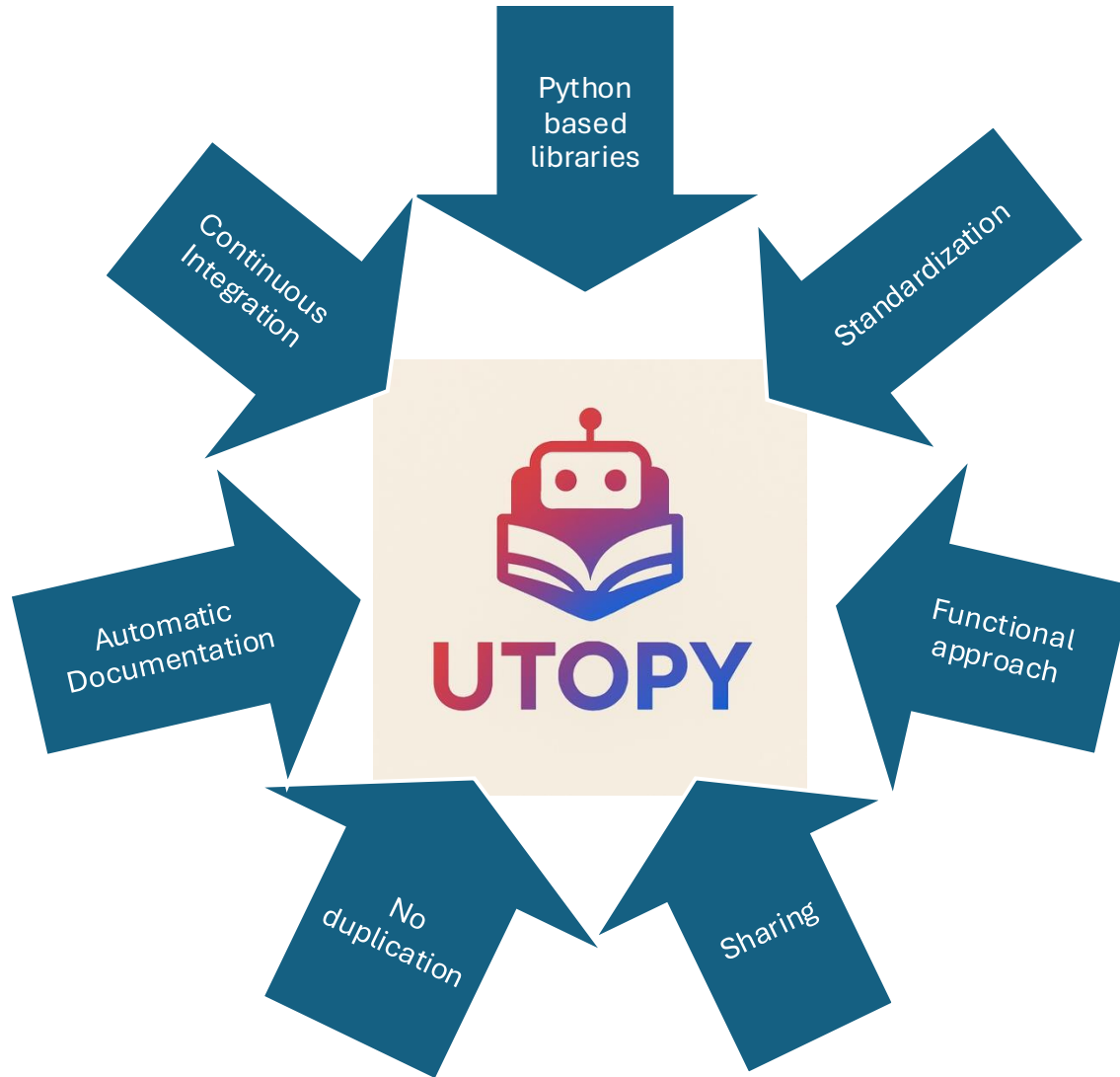


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The UTOPY framework



Using Robot Framework in a common way



The challenges



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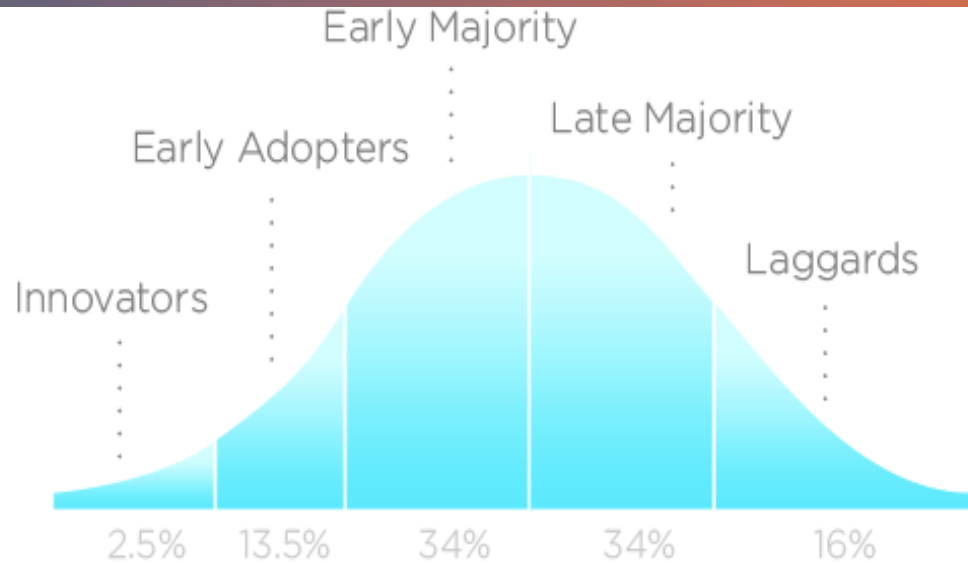
Mass deployment and industrialization

Establish a community

Empower experts

The TooSimpleTooComplex syndrome

Address shadow duplication

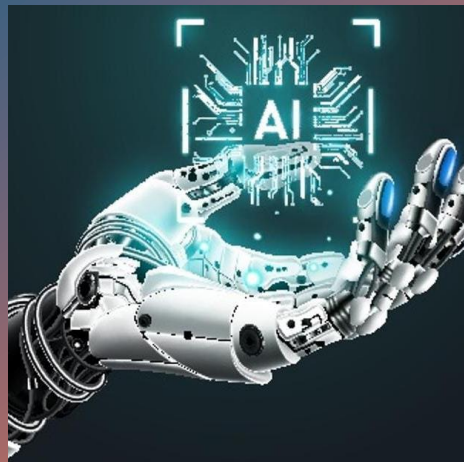


INNOVATION ADOPTION LIFECYCLE



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Here comes AI...



GitHub Copilot chatbot

Robot framework MCP server

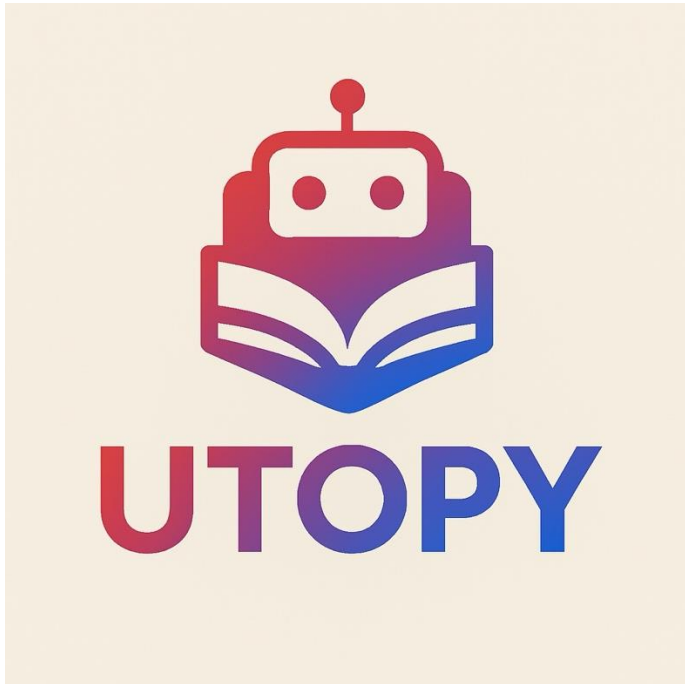
Robot Framework Self Healing

And many more ..





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Thank you

aMaDEUS