

DevOpsDays Lima 2025



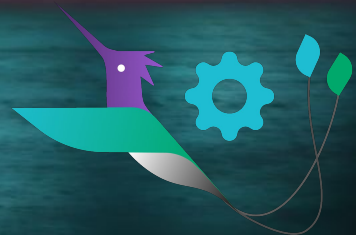
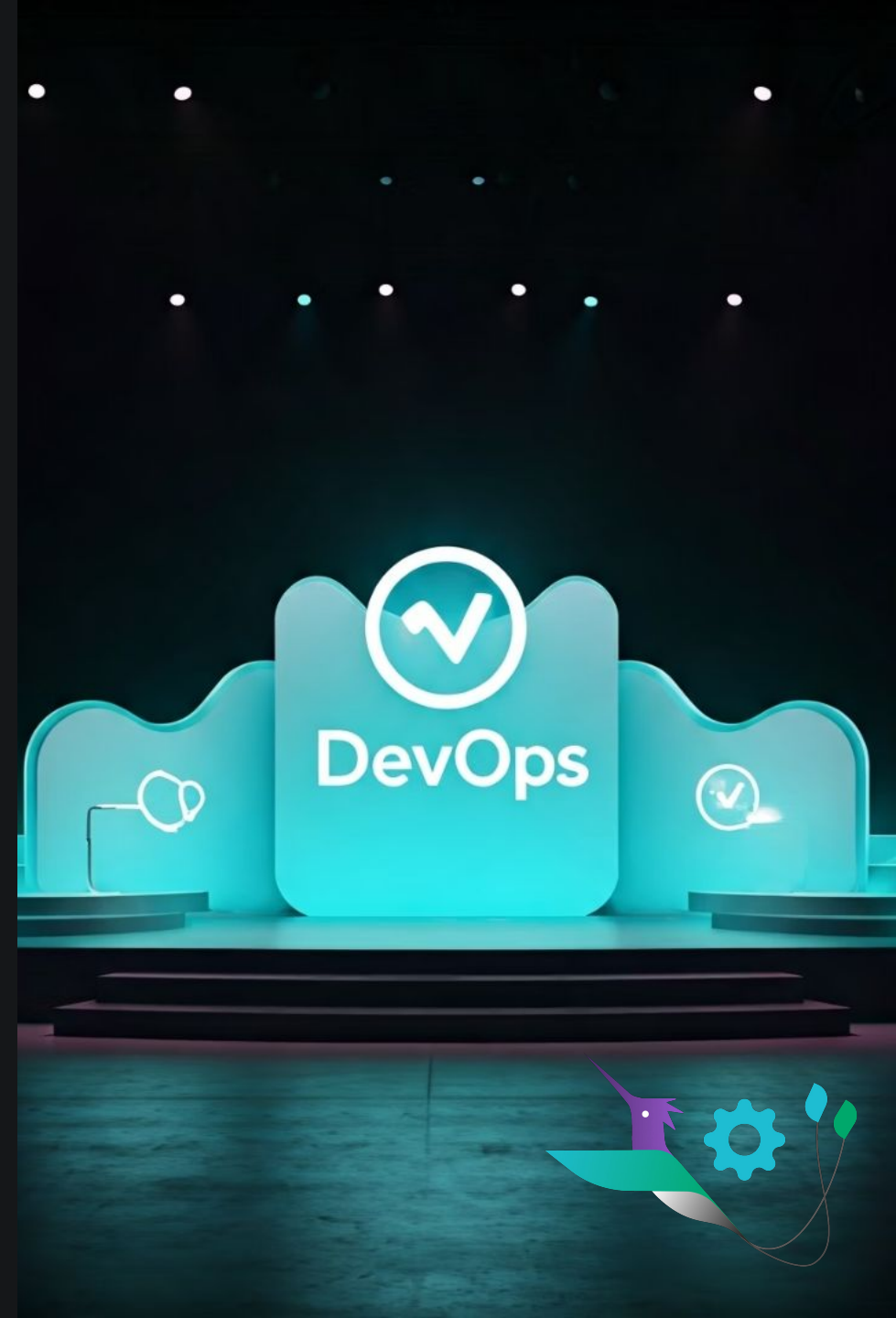
DevOpsDays Lima 2025

Continuous Testing y TestOps:

Las claves para adaptarse a los desafíos del futuro de la práctica de testing



by Caio Medeiros Pinto



About Me



Caio Medeiros Pinto

Senior DevOps Pre-sales & Engineer
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- Student and practitioner of some disciplines, such as DevOps, Lean, and Platform Engineering
- DevOps Institute & Platform Engineering Community Ambassador
- Cloud-native tech experienced user
- Open-source lover
- Developer at heart.
- Mentor by vocation.
- Thought-leader.



Today's Agenda



Test Automation practice

A well known topic with some future trends



Main challenges

Seems super useful, but ... how easy to adopt is?



How TestOps supports Continuous Testing?

Understanding how to win in the future of this practice



Takeaways and invites

How to choose wisely, key adoption strategies, and more





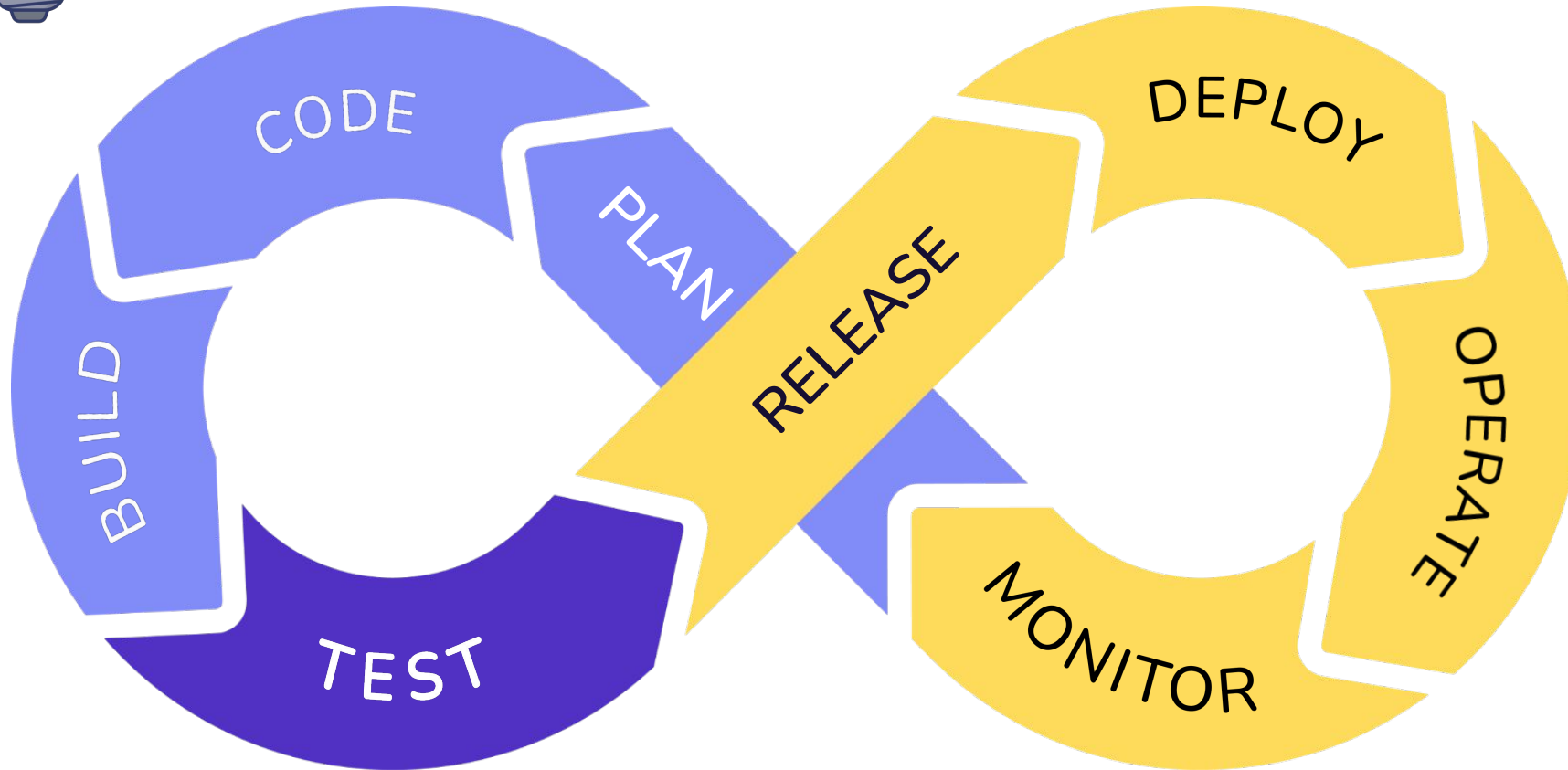
Test Automation practice

A well known topic with some future
trends 🤖





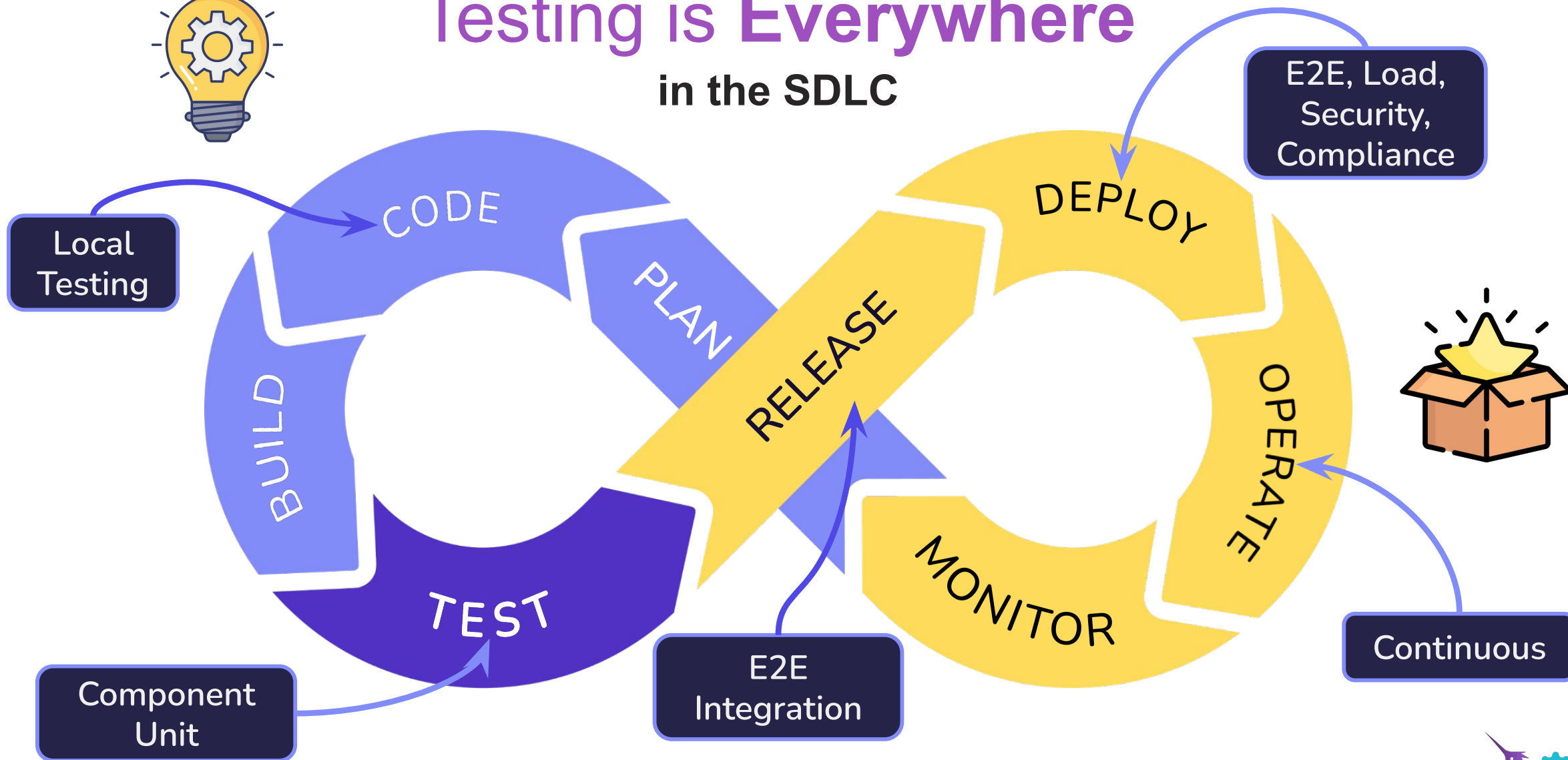
Testing is Needed in the SDLC





Testing is Everywhere

in the SDLC



Optimize for Speed, Quality and Cost



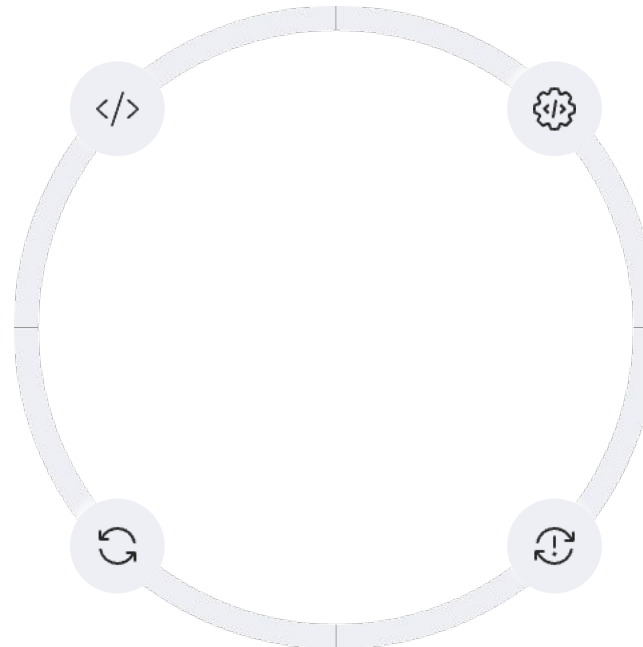
Testing Trends

AI Tools

Just imagine a world where tests are self-written and fixed

Cloud Native

Not only Software, Platform and Infra as a Service, tests must be there too



Everyone is QA

From plan to monitoring, from code to infra, tests are everywhere

Continuous Testing

Shared responsibility and transparent communication





Main challenges

Seems super useful, but ...
how easy to adopt is? 😬



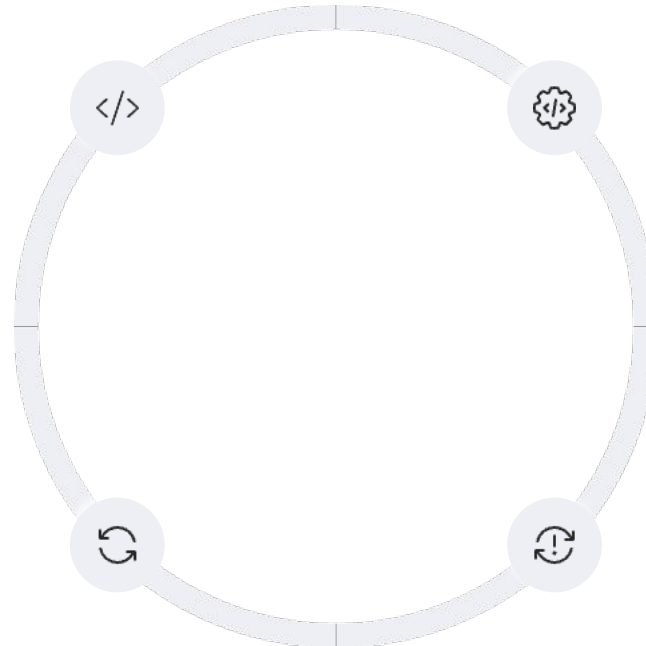
Testing Challenges

Learning curve

Ask developers if they are more proficient on writing functional or testing code

Managing Data and Envs

Traditional QA or UAT environments usually mean costs, but even more those unreal test cases



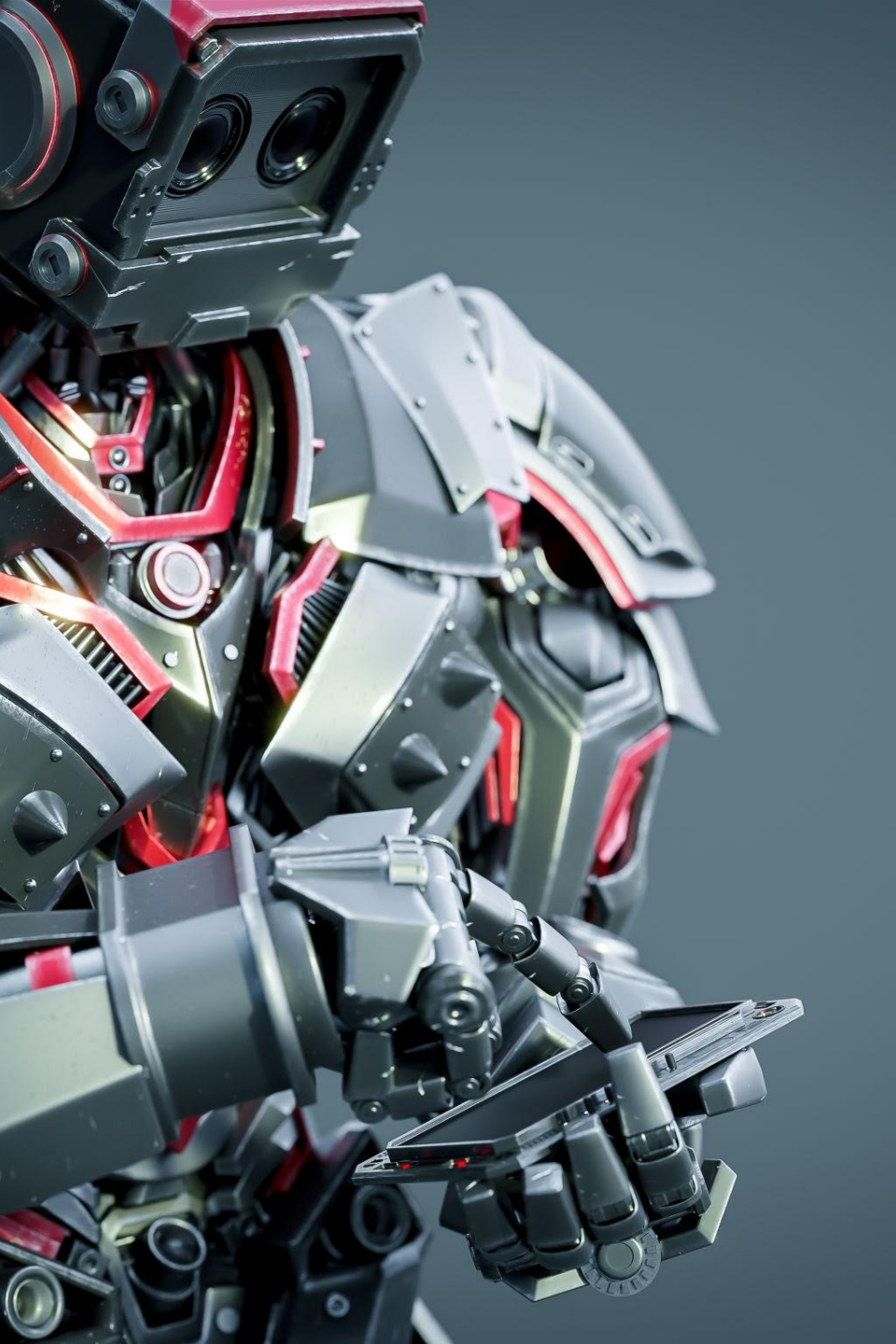
Right Tools and Frameworks

In a universe of options, will you select the blue or red pill?

Data Visibility and Availability

Not only have it accessible, but in a format and way that can be useful for every role in the SDLC





How TestOps supports Continuous Testing?

Understanding how to win in the
future of this practice 🧐



What is TestOps?

TestOps applies DevOps principles to testing by emphasizing automation

Collaboration

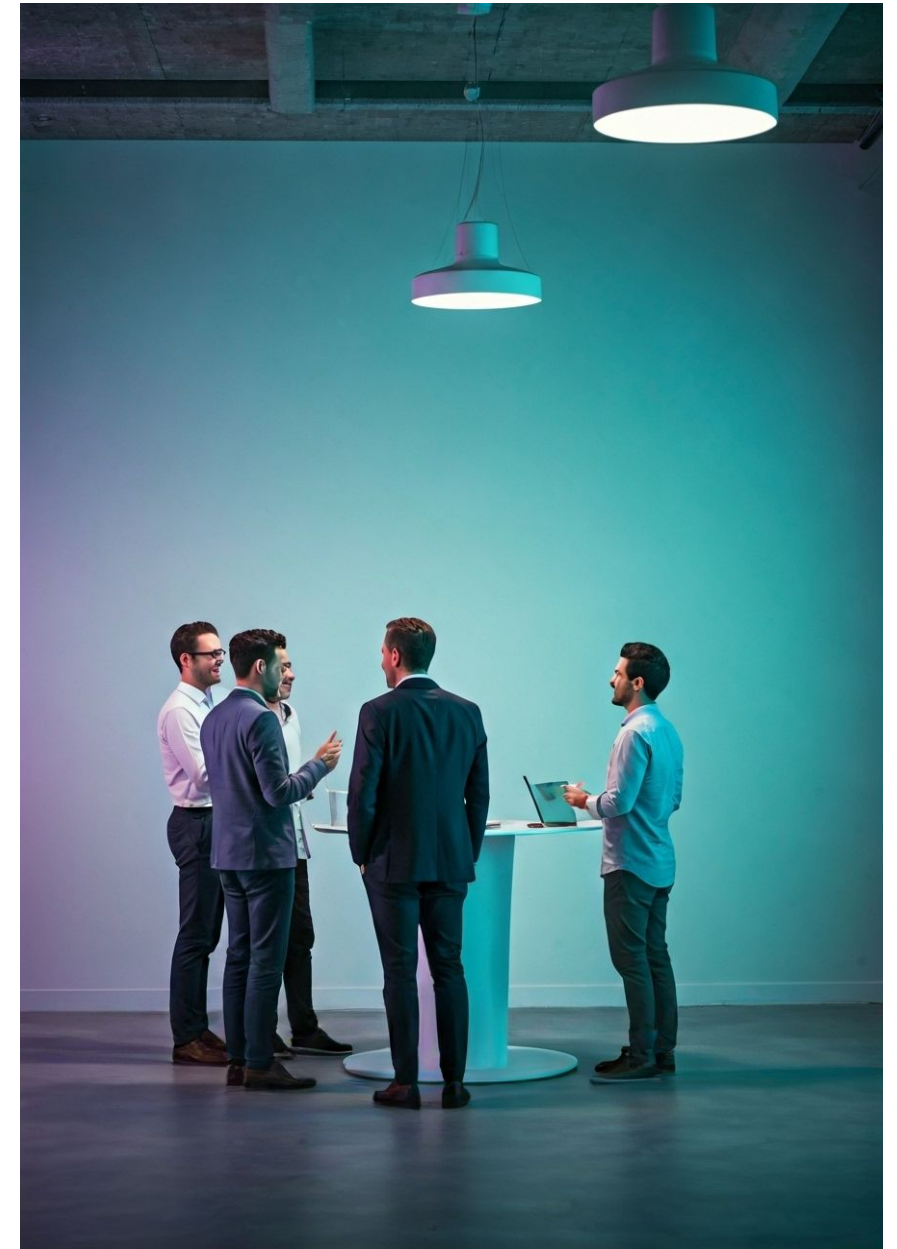
It means that every single role involved in the whole SDLC must **test and share ownership of what and how is testing**

Process Orchestration

Make it “Lean”, tests cycles must fast, effective and efficient, **it includes the cost of testing!**

Automation

Tests will be part of the Everything as a Code, not only the testing code but **also the needed data, dependencies and infra**





Takeaways and invites

How to choose wisely, key adoption strategies, and more 🌟😊



Recommend for your next wise decision

Culture

Continuous Improvement

If something failed, that must
be a new test to avoid same
issue again

Practice

Test Everything

Set agreements and policies with
fast feedback to make test a must
and part of everything

Platform

Everything in one single place

Catalog, execute, troubleshoot, & report on
automated testing from one centralized platform

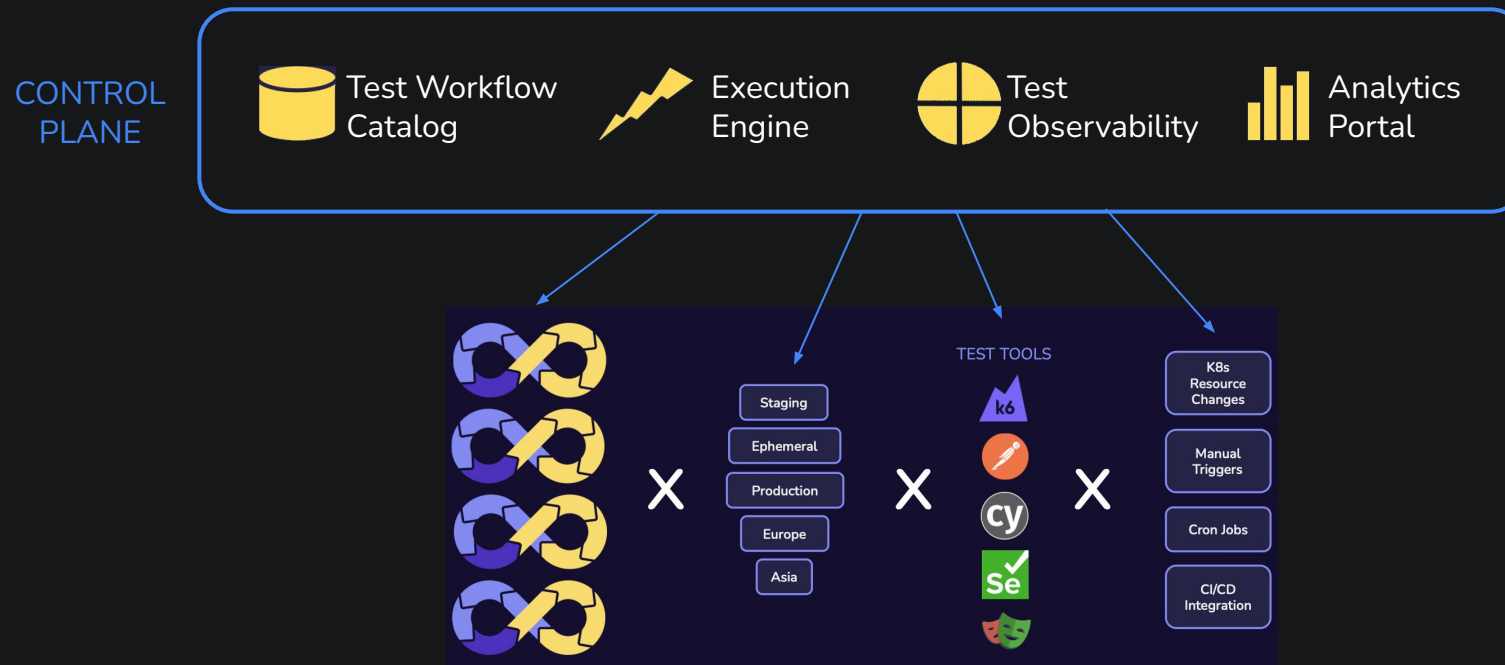




Small example of Platform

Everything in one single place

Catalog, execute, troubleshoot, & report on
automated testing from one centralized platform



VENDOR-AGNOSTIC PLATFORM FOR TEST EXECUTION AND REPORTING

**Let's see a live
demo of what I'm
talking about**



Thank You & Let's Connect!

Contact Information

Email: `caio.dona@gmail.com`

Twitter: Not available

LinkedIn: `/in/caiodona`

Event Resources

Slides: `caiodonascimento.github.io/dod-lima`

Code examples: `github.com/caiodonascimento`

Join the conversation: `#ContinuousTesting #TestOps`