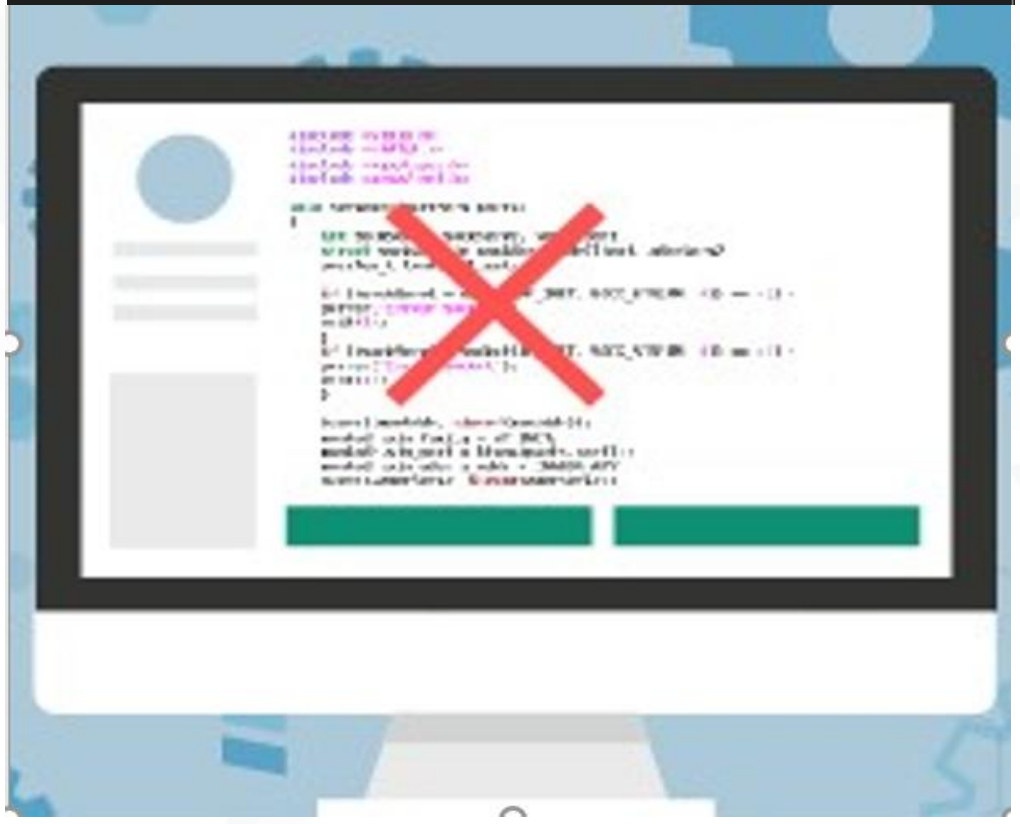
Scriptless test automation for GUI testing

Text-based test design automation and test automation without coding, easy to use, easy to learn, transparent for all stakeholders

Scriptless test automation

For the daily work of testers and developers

```
Successful login:
GIVEN Browser IS Chrome
WHEN FourTest Login > Sign in with Google IS #pressed
  THEN Next IS #present
WHEN Email or PhoneNumber IS fourtest001@gmail.com
AND Next IS #pressed
WHEN Password IS four-test1
AND Next IS #pressed
  THEN 4Test Projects > Project List IS #present
WHEN Browser IS ChromeStop
```



Learn an easy way to specify requirements of your software before developing it. Your Gherkin (text) based specification in 4Test generates all tests before the software is coded.

As a result **4Test generates test automation code on the fly.** 4Test specification is maintained easily, test cases are regenerated from the specification. Manual test execution is no longer needed. When the code is ready, you can execute the test cases immediately.

Enjoy the **first realtime tool for continuous testing and deployment.** 4Test accelerates DevOps, increases quality and boosts efficiency.

Gherkin based

Test first scriptless automation

Ready for agile teams

Test automation without coding

Continuous Testing is not only for Agile Teams and DevOps

Why Test Design automation ?

Test design automation is a very important step of reducing life cycle costs and enables a real scriptless testautomation process without using capture and replay or manual coding.

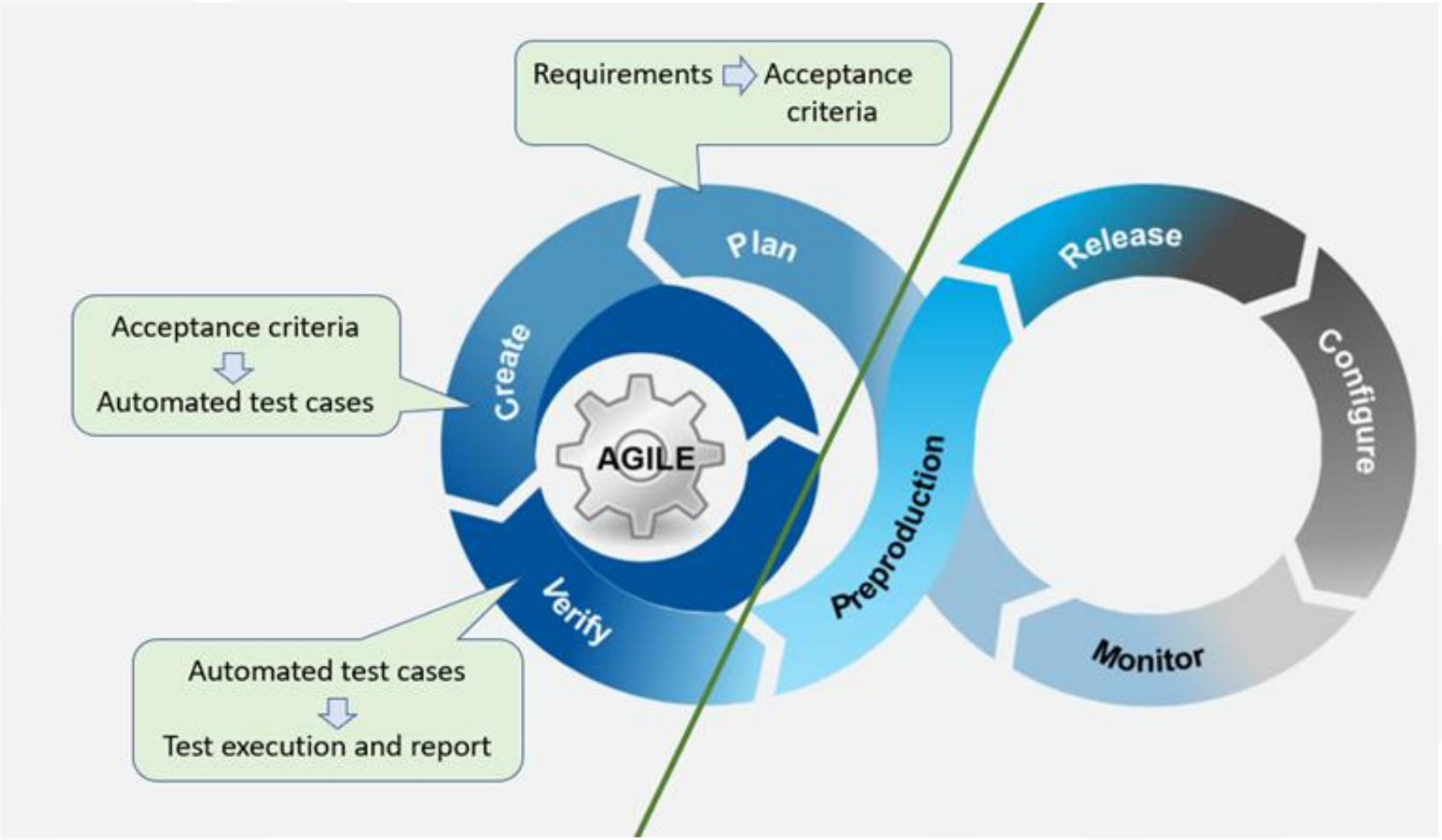
Efficient testing and test automation

Automated test design is considered as the big efficiency booster for the DevOps Lifecycle Automation. See market update of www.bloorresearch.com/search/best-of-breed-test-design-automation.

Scriptless test automation in practice

Automated test design involving sriptless testautomation significantly accelerates DevOps , increases quality and boosts efficiency.

4Test DevOps solution



DevOps-Lifecycle Automation Challenges

The bottleneck of automated test design and scripless test automation

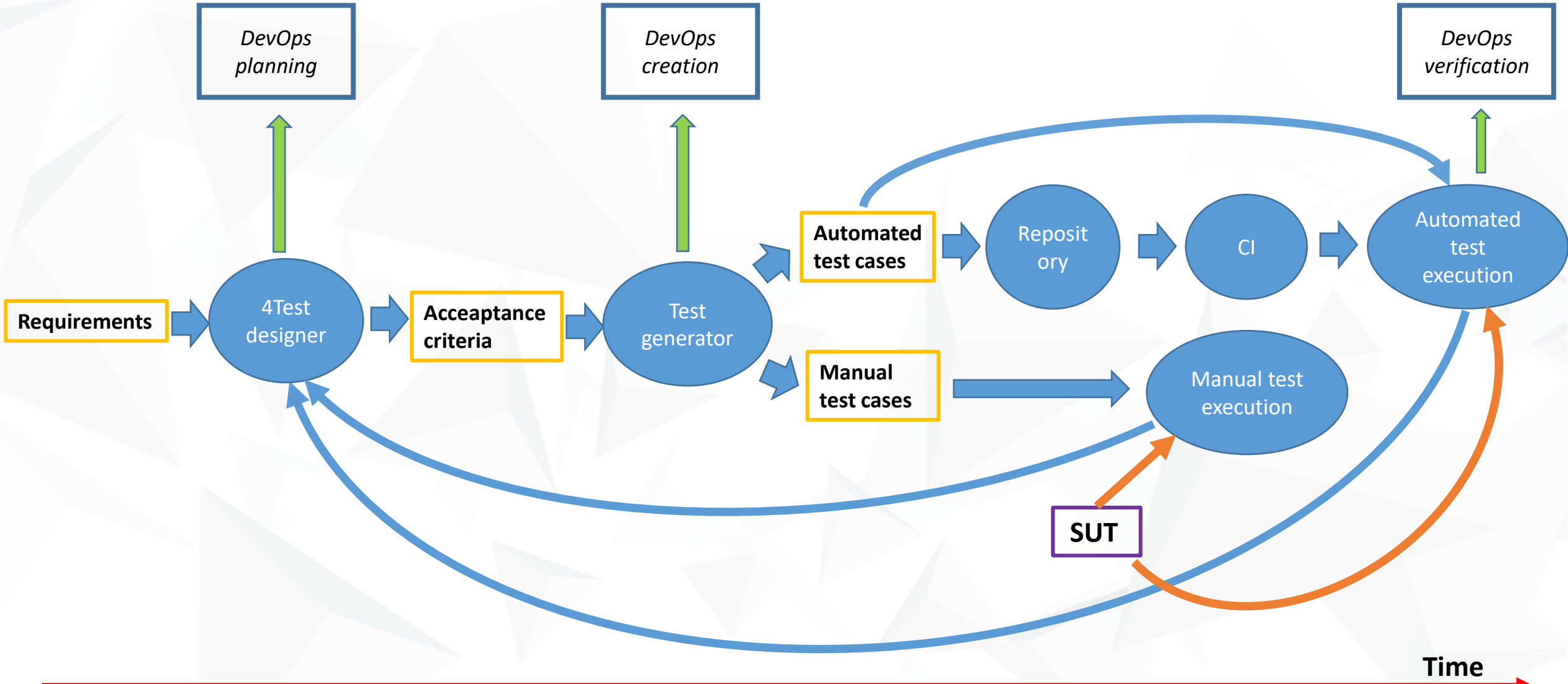
- **Results of test automation the old way:** Projects delay, no time for comprehensive testing, poor or decreasing software quality.
- **QA lacks in CI process:** Testers can't follow all the continuous requirement changes, which are very common in agile processes.
- **Maintenance is difficult and expensive**: Changes affect specification, test cases, test automation code and implemented code. These processes are not connected together and neither automated.
- **Inefficient test automation maintenance**: Test automation code has to be updated separately from test specification.
- **DevOps has to deploy without end to end testing:** After each change test automation is in delay, only critical parts are tested manually.

4Test Scriptless Test Automation

Easy to use, transparent for all stakeholders

- **Easy to start:** No tool implemenation, 4Test is cloud based, hence you can start using immediately.
- **Short learning curve**: Easy to learn and use – within five days.
- **4Test specification is understandable for everyone:** Managers, project leaders, developers, BAs, testers, etc. The specification is based on an extended Gherkin syntax, which is very popular among agile testers.
- **Realtime test automation code:** 4Test generates on the fly the executable test automation code, enabling continuous automated test execution without any extra effort.

4Test DevOps - Lifecycle Automation



Why 4Test

Quality improves, while costs decrease

- **Helps developers to implement better code:** Efficient defect prevention, 4Test specification helps developers writing better code – less bugs will be in the code at the end of the first implementation.
- **No need for other specification documentation**

- **Significant cost reduction in the development life cycle:** The test automation code is generated and executed automatically, 4Test handles changes in the specification as one process for all steps of automation without any need of additional human effort for the different steps of automation.

- **Efficiency and maintenance:** Test cases can be managed, maintained and executed with less effort. When a requirement changes the 4Test specification is modified and the test automation code is regenerated on the fly (immiadiately executable).

Why 4Test

Test first scriptless automation tool

- **Test first and scriptless automation:** 4Test is the only test first and scriptless code automation tool. When the code is ready, it can be tested immediately.
- One test case generation takes **<20 minutes**
- 4Test is iterative and self-feedback, resulting in a self-improvement process
- 4Test contains all the acceptance criteria for validating the requirements. Hence the 4Test specification is a living specification tightly mapped to the code.
- 4Test specification can be made in parallel – more developers and testers can work on the same projects.

For more information please watch our YouTube video

Try out the 4Test free version on 4test.io
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4test.io