



Devonfw Testing

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1. Basics

1.1 Home

1.1.1 What is E2E Allure Test Framework

End to end automation test framework written in Java.

E2E Test Framework for DevOps & Smart Automation

Task Description

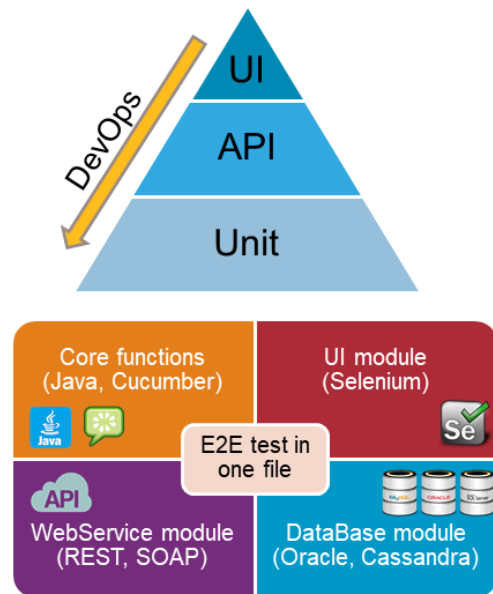
- Embrace Test Automation in project with minimal cost and time
- Bring up to speed testers and developers with common quality goal
- Plug in/out framework features to fit project needs
- One test case to validate 3 tiers of app (Database, Webservice, UI)
- Accelerate tests execution (parallel execution, env auto-scaling)
- Standardize test develop process

Service provided by Capgemini

- Takeover of operation and therefore delivery of the entire service in accordance with DevOps procedural model.
- Capgemini is partnering with client on implementation of IT Projects Delivery Transformation
- Tool agnostic approach / Innovative architecture – Test Framework with examples
- Test execution infrastructure (Jenkins as code pipeline, Docker images)
- Scalable and resilient UI web browser environment (Selenium Grid)

Benefit for the Customer

- Resilient and robust building and validation process
- Shift quality gates closer to software developer process
- Team quality awareness increase- include Unit Tests, Static Analyze, Security Tests, Performance
- Transparent test execution environment to any infrastructure. Touch base with Cloud solution
- Faster Quality and DevOps driven delivery
- Proven frameworks, technologies and processes



E2E Test Framework modules



* - task not started, to be defined

1.1.2 Benefits to the project

Benefits to project

End to end project verification under one solution

Resilient and robust DevOps driven delivery

Team quality awareness

Shift left quality gates

Easy to enhance

1.1.3 Road map plan

Allure E2E Framework road map



1.1.4 Wiki Structure:

- [How to install Allure Test Framework](#)
- Allure Test Framework modules:
 - [Core test module](#)
 - [Selenium test module](#)
 - [WebAPI test module](#)
 - [Security test module](#)
 - [DataBase test module](#)
 - [Mobile test module](#)
 - [Standalone test module](#)
 - [DevOps module](#)