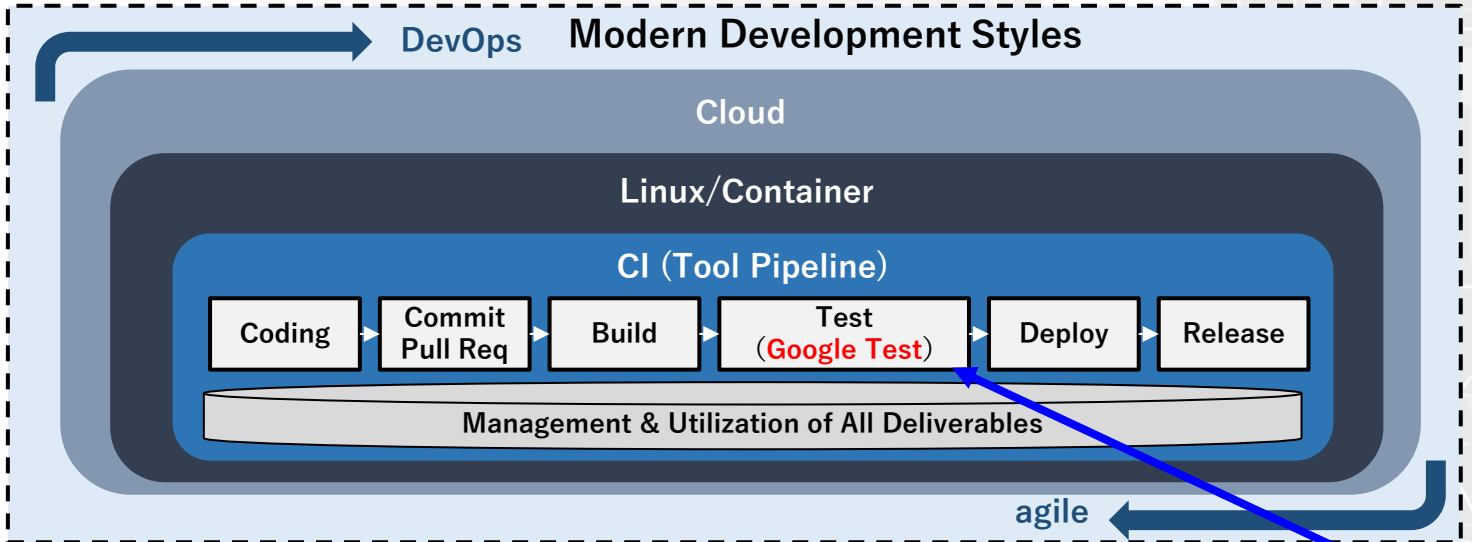




What is QTE

A Test Tool to realize a Reasonable Solution to Functional Safety in Modern Development Styles
Make Effective Use of Google Test Resources from Advanced Development to Production



Google Test Problem : Functional Safety Solutions are Difficult
Using QTE can solve these problems

QTE

Features of QTE

Main Functions

- Code Coverage Measurement Function
Statement, Branch, MC/DC, Function, Function-Call
- Test Execution Function (PC-Native/Target)
- Test Report Creation Function

Google Test Environment

- Target Source Code
- Drivers/Test Cases
- Mock/STUB

QTE

- Code Coverage Measurement Function
- Test Execution Function

Test Report



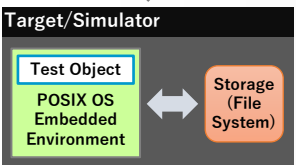
Target Test Execution

Test Execution on Target

Host-PC



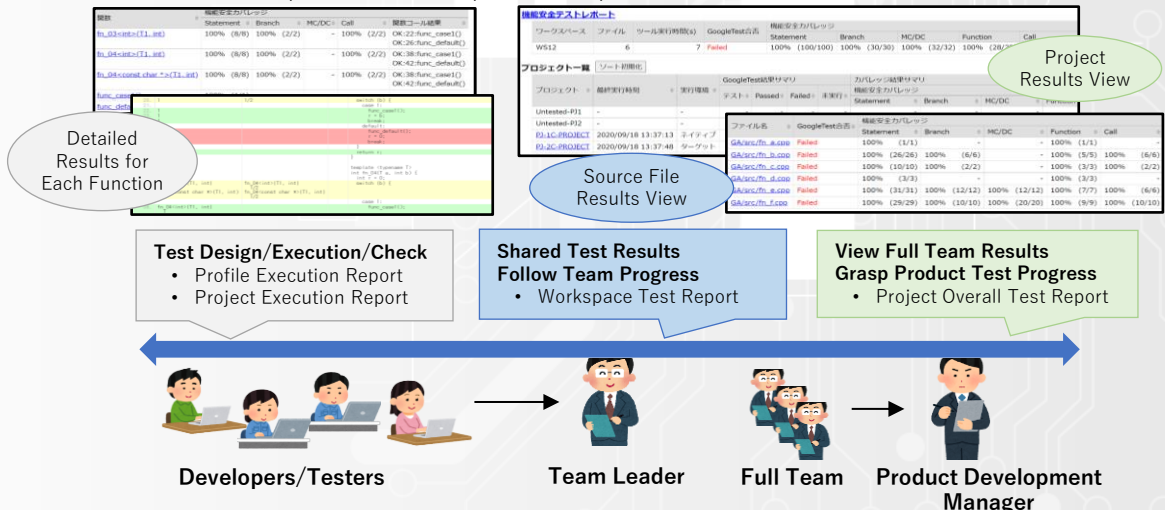
SSH Comms
File Transfer
Test Execution



Target Environment

HTML/XML Format Test Reports Compatible with Automotive Functional Safety Standards(ISO 26262) created Automatically

Automatic Preparation of Multiple Test Reports for All Stakeholders



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