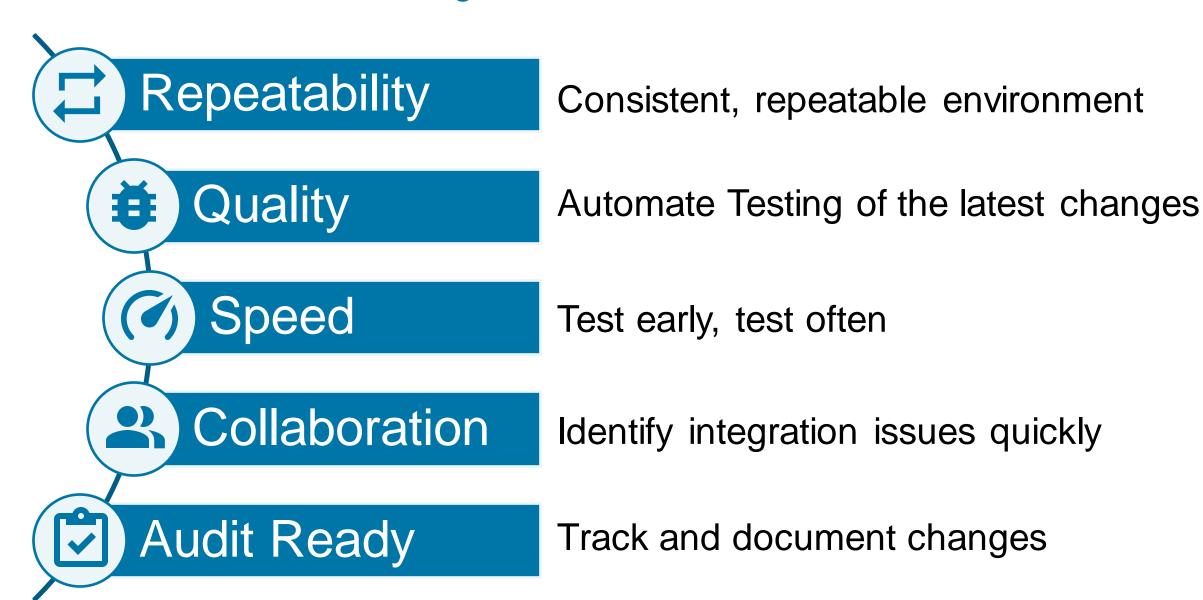
MATLAB EXPO

Simulink 모델 및 코드 검증을 위한 CI/CD (Continuous Integration / Continuous Delivery) 적용

김학범, 매스웍스코리아

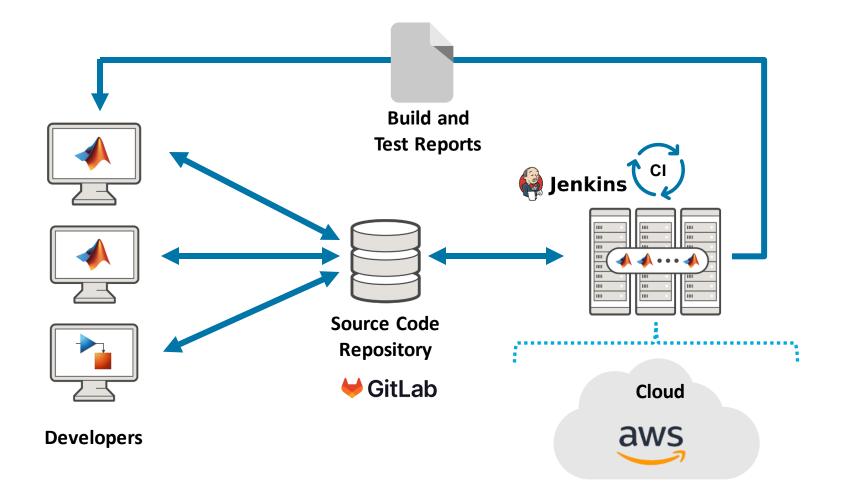


Benefits of Continuous Integration



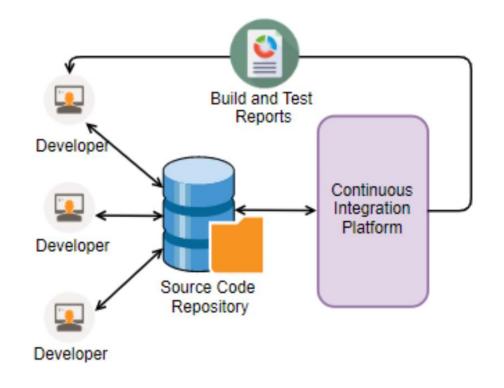


Overview of the demo on how to compose it (1)





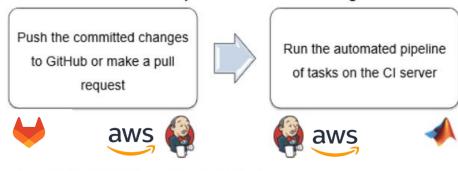
Overview of the demo on how to compose it (2)



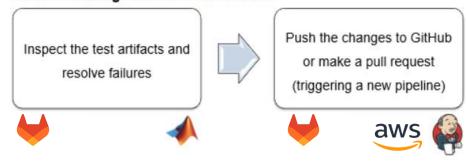
Phase 1: Develop and Qualify Feature in Local Repository



Phase 2: Run Automated Pipeline on Continuous Integration Platform

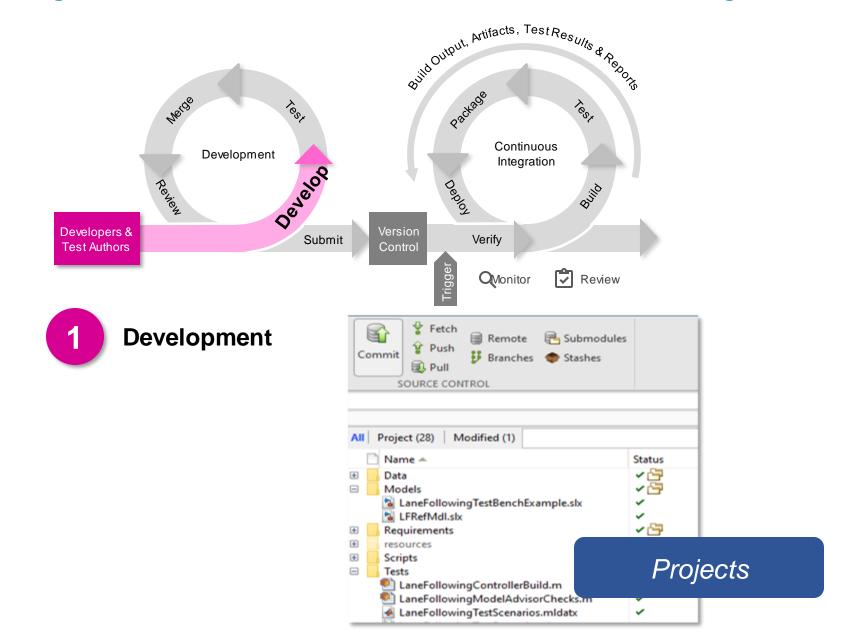


Phase 3: Investigate and Resolve Failures

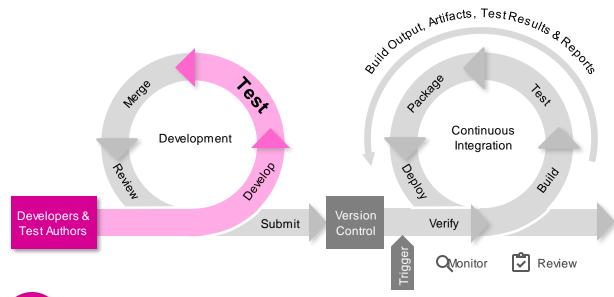


https://www.mathworks.com/help/releases/R2024a/matlab/continuous-integration.html

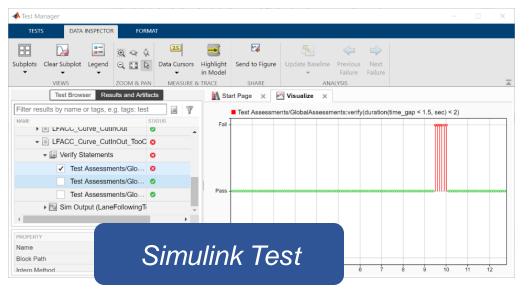




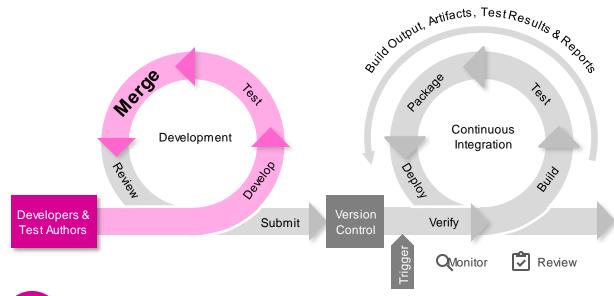




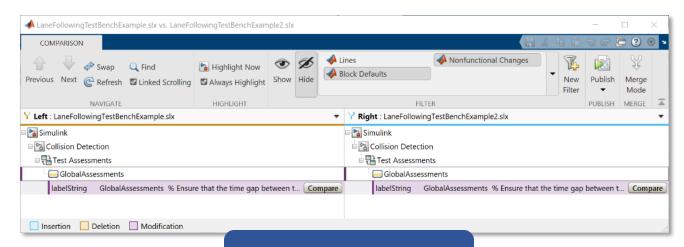
1 Development





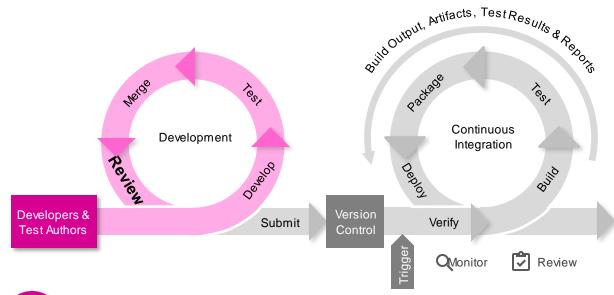


1 Development

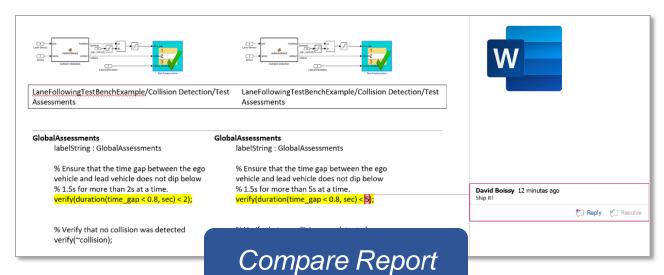


Model Compare

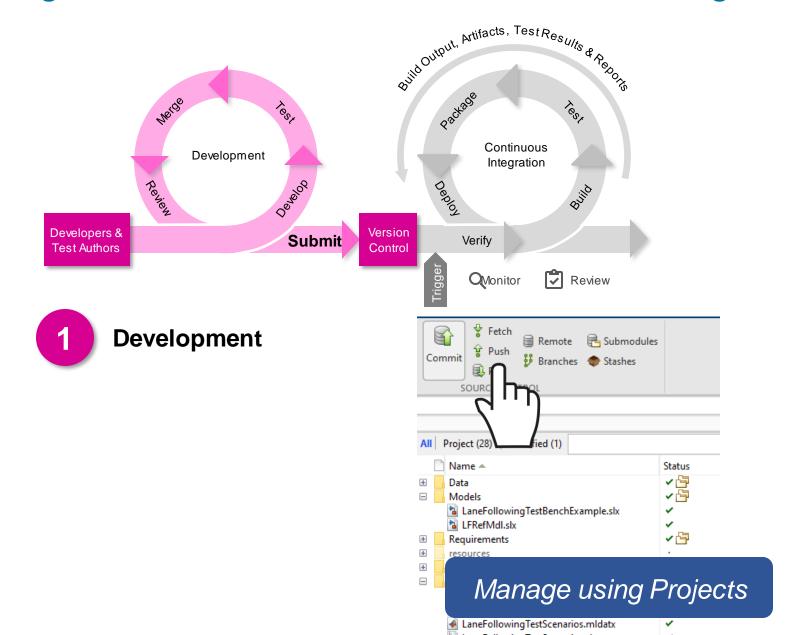




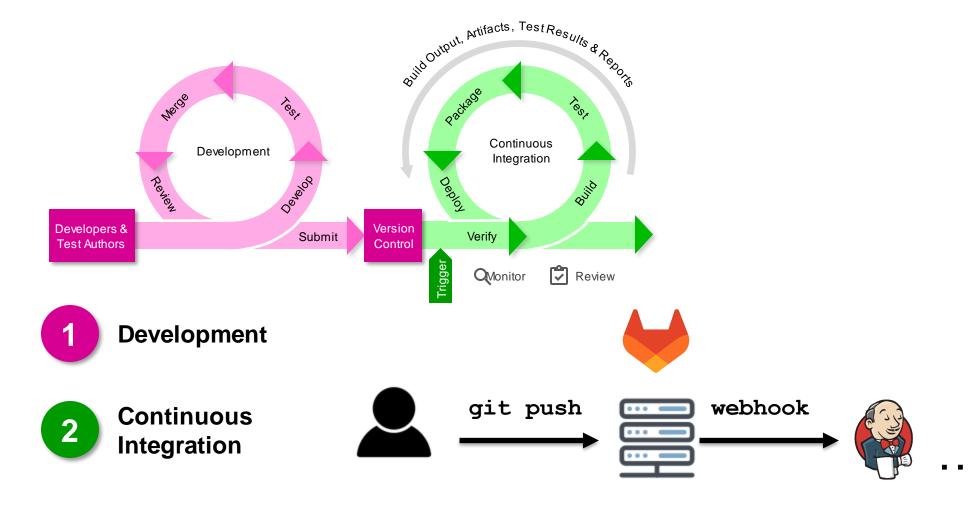
1 Development



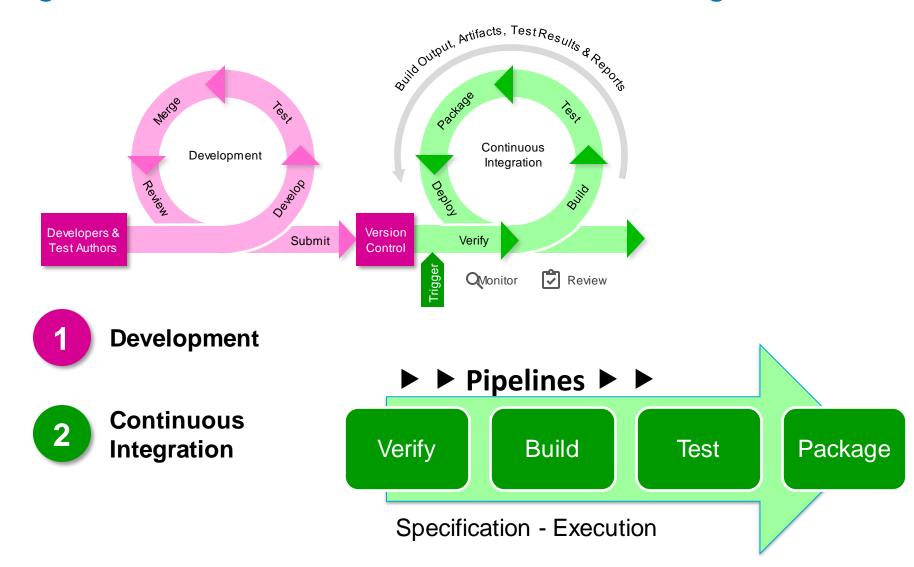




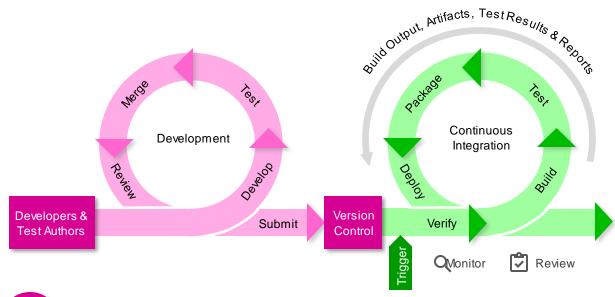




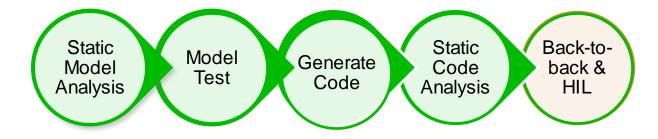








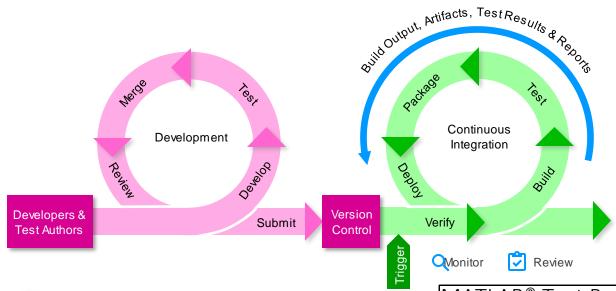
- 1 Development
- 2 Continuous Integration



Reports, Build Logs, Test Results, Code Coverage

Verification, Build and Test

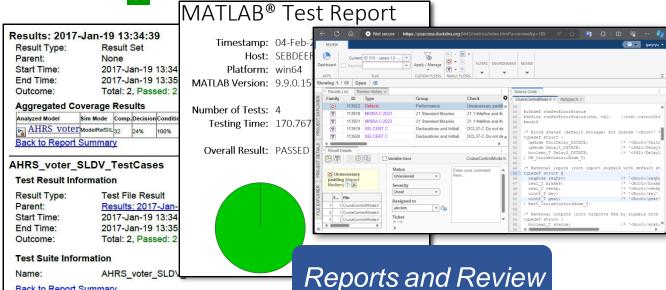




AHRS_voter_SLD

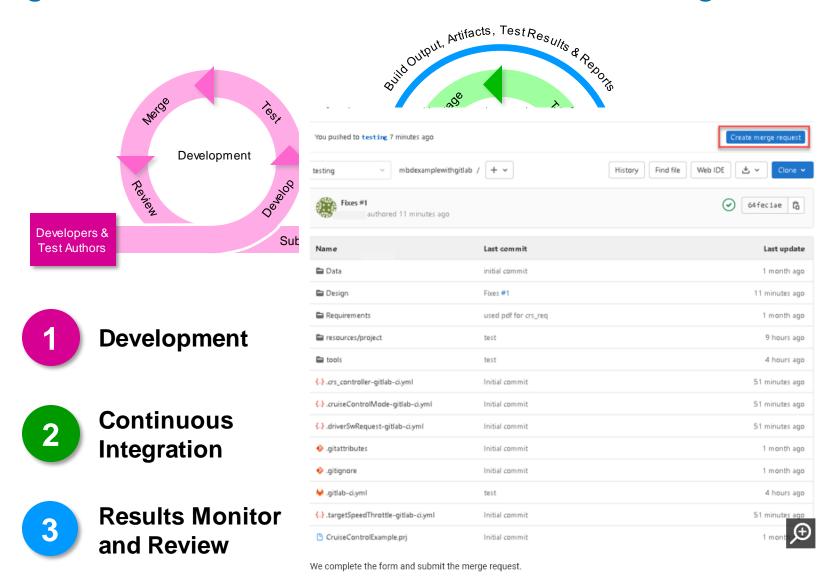
Back to Report Summary

- **Development**
- **Continuous** Integration
- **Results Monitor** and Review





Merge



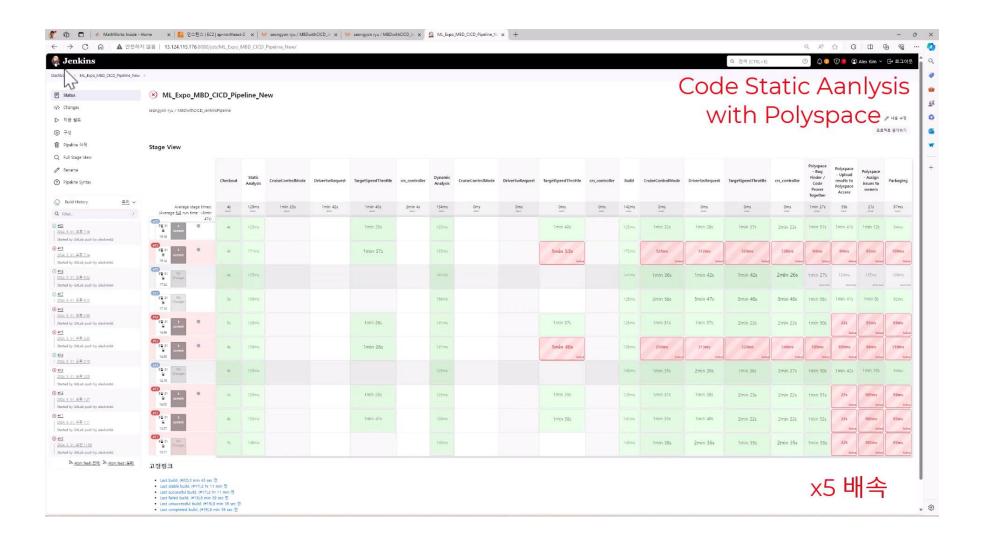
pipeline automatically starts running on the master branch.

As the owners of the branch, we can accept the merge request by clicking the Merge button. Depending on our CI setup, we can

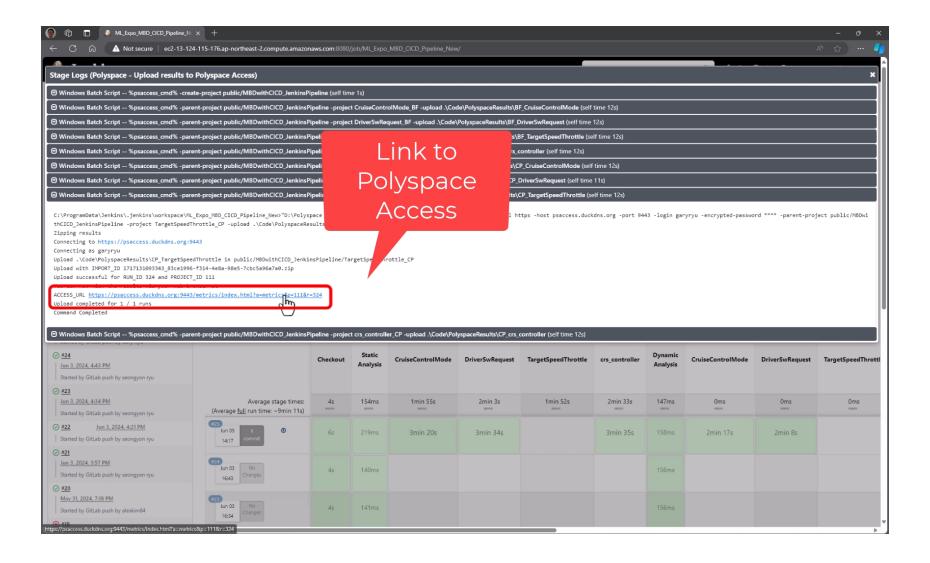
also enable automatic merge after the CI pipeline has passed. All changes are now captured on the main branch, and the

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