

Abstract

Performance Test is one of the test components that must be carried out in the development phase to ensure that the service created can accommodate the load from the specified target and avoid performance bottlenecks. Nowadays, with the development of the agile development process, the development process runs quickly and iteratively. Continuous Integration and Continuous Delivery (CI / CD) are methods used in Agile that are used to help speed up the process of doing builds, tests, and validations automatically. This research will develop how to apply CI / CD in the Performance Test. Based on the research results, existing tests always require our role to run them, while performance tests with CI / CD can be done automatically, thereby reducing our role in running the test. With the implementation of this CI / CD, the performance test process can run mutually integrated, automatically and periodically and can quickly respond to changes in parameter values (*Easy to Change Value*)

Keywords: Performance Test, Continuous Integration, Continuous Delivery, Agile Development
