JENKINS

ALL-ROUND TALENT OF AUTOMATION
CONTINUOUS INTEGRATION SYSTEM

Jenkins is a web-based software tool acting primarily as a build server and is used for various automation tasks in software development projects. Configuring Jenkins is both simple and flexible and gets you started quickly. A large number of plugins make Jenkins a flexible central management tool for a wide range of recurring tasks, including the management of external jobs. This popular software system is one of the most-used tools for continuous integration. Users remain informed with up-to-date details of the current state of a software project at any time. Jenkins provides information on the accuracy and integrity of files under version control and whether the specific requirements are reliably covered. Furthermore, Jenkins stands out assuring application quality and accelerating test execution and deployment.

ADVANTAGES OF JENKINS

· Powerful and flexible pipelines simplify the implementation of all stages of software development
· Pipelines can be triggered both manually and automatically — including business users
· Quick installation and customization
· A large and active open-source community makes Jenkins an excellent tool for continuously creating and testing software projects
· Immediately detecting conflicting code saves an enormous amount of time
· Short-build intervals significantly increase quality and productivity during integration

The QA team, project manager and customer all have access to up-to-the-minute data and facts of the development status at any time, as well as access to a test system that is continuously updated with the most recent changes.

AERIS EXPERTISE – APPLICATIONS & ARCHITECTURES

· Automatic testing, building and deployment of applications written in different programming languages
· Regular evaluation of software quality (using SonarQube)
· Scheduling of automated tasks for IT operations

WHY JENKINS IS SO VALUABLE TO AERIS' CLIENTS

· Solid experience and advanced knowledge working with Jenkins and its numerous plugins
· Straightforward integration into the existing software development workflow
· Holistic support for companies in the design and implementation of a CI/CD strategy
· Development of well-constructed CI/CD pipelines or plugins for various requirements
· Migration of source code in order that Jenkins and other build tools can be used to automate development, test and deployment processes
· Knowledge transfer to the development and operation teams of our clients