

Jenkins für CI/CD

Creating Pipelines

Jenkins is often used as an automation server and can be used to automate complete continuous integration/continuous delivery (CI/CD) pipelines. The build phase, test phase and deploy phase can be controlled with the open source-based tool. Jenkins can even create and orchestrate multibranch pipelines. Using plug-ins, integration into build tools, version management systems such as Git, test systems or error databases is also possible. Employees in operations use Jenkins for recurring maintenance work. They benefit from the high level of automation that can be achieved by setting up workflows. The clear dashboard, which also displays the corresponding history, is another reason to use Jenkins as a central tool in the modern DevOps world.

Course Contents

- Introduction to Jenkins, features and architecture
- Installation and setup
- Navigation through the Jenkins interface
- CI/CD pipeline with Jenkins
- Scripts
- Installation of additional plug-ins
- Connection to version control systems such as Git
- Definition and execution of builds
- reporting
- Testing the application
- Deployment of the application
- Jenkins Security
- Scaling Jenkins

E-Book The detailed digital documentation package, consisting of an e-book and PDF, is included in the price of the course.

Target Group

The training is aimed at software developers, DevOps, build, test or operations employees who use Jenkins as an automation server.

Prerequisites

An understanding of CI/CD pipelines and basic scripting skills are required. The presence of programming knowledge is an advantage.

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.expertech-training.com/go/JENK

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| Classes in Germany | 2 Days | € 1,795 |
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EXPERTeach



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