

Unit Testing

Group Training

Training code	CGAUTESTCD
Spoken Language	Dutch
Language Materials	English
Dayparts	2
Price	€700,00 excl. VAT No extra costs.

What is Unit Testing

In DevOps environments, the main goal is to bring software to production as quickly as possible. To be able to do this, automating these processes is key. Within an automated development chain, quality is very important. To guarantee quality, it is of great importance that feedback about the software is delivered quickly and often as possible; test automation enables this. A good unit test set is essential because unit testing is the fastest and most stable way of test automation.

Are you a developer or tester with Java knowledge and do you want to take unit testing to a higher level? Then this is the training for you! During this training you will learn:

- Which things do you test with a unit test?
- And what does that look like.
- Best practices
- The art of “mocking”

Pair programming is a very effective method to improve quality. In this training course developers and testers collaborate on assignments. In this way will you not only learn from the trainer, but also from each other.

Who should attend Unit Testing

The unit test training is intended for both developers and testers. Developers learn the best practices on how to determine which scenarios should be tested and how to use these best.

For testers, the focus is on gaining insight into unit testing and how testers can support developers in this; what to test, how to write and review tests. By making developers and testers do assignments together, they learn from each other’s specialisms and cooperation is stimulated.

For this training it is required to bring a laptop on which you can install software and have access to the internet.



Prerequisites

This training assumes that you have knowledge of general programming skills in the Java field. Because the assignments are made during the training in cooperation between developers and testers, it would be sufficient if testers can read Java. Advance advice training is Java Basics or other Java oriented training courses.

During this training you need a laptop on which you can install software: IntelliJ IDEA (preferred), Java Development Kit 11 or higher, Git, Maven.

Objectives

This training ensures that more attention is paid to the quality of the unit tests from a developer and tester perspective, so that this forms a robust foundation for your test automation. In addition, cooperation between developer and tester is encouraged, so that they can learn from each other's specialisms and also apply this cooperation in practice.

If a third-party copyright applies to this course, you will find the copyright on <https://academy.capgemini.nl/en/topic/trademarks/>

Capgemini Academy's general terms and conditions are applied to all products and services mentioned within this document. For the latest version please check <https://academy.capgemini.com/>. The rates of products and services mentioned in this document are subject to change. For the most recent rates, please also visit our website.

About Capgemini Academy

Capgemini Academy's professionals offer what people in IT need. Our professionals have a keen eye for motivation, talent and are aware of specific contexts and circumstances. They move people to move. Programmes and courses that originate from daily experience of our both didactical and substantively strong trainers, light a fire within the individual IT professionals. Real life stories of our professionals' experience that tell how to solve problems and work with the people around it, do the rest.

An organization, like ours, helps people and their organizations day by day to get the best out of themselves and each other. We prepare them to defy tomorrow's challenges. We stimulate learning and curiosity. In order for individual IT professionals and their employers, to build better, longer and more intensive relationships. For mutual benefit.

Capgemini Academy. We transform IT professionals
academy.capgemini.nl

IN/3A-018.18