

# Practical Requirements Management with HP Quality Center

## *Training Description*

### **Overview**

The training shows how requirements management (RM) with HP Quality Center (HP QC) / HP Application Lifecycle Management (HP ALM) efficiently supports the entire software development lifecycle. Particular emphasis is placed on rapidly establishing RM practices starting from an existing test management based on HP QC. Many practical examples give concrete advice.

### **Target Groups**

Business Analysts, Requirements Management, Product Management, Quality Management, Project Management

### **Level**

Entry & Advanced

### **Contents**

- Application lifecycle management (ALM) and the role of RM
- Managing requirements efficiently across releases
- Foundations of RM
- Differences between tool-based and document-based RM
- Documenting requirements with HP QC
- Managing requirements with HP QC
- RM support for project management
- Requirements-based testing
- RM in agile software development
- Introducing and establishing RM with HP QC

### **Duration**

1 Day

## Maximum Number of Participants

12 Persons

### Summary

HP QC and HP ALM, provide comprehensive features for highly-effective RM. It offers seamless support for requirements, release management, testing, and defect management on one single platform. IT and software organizations gain new opportunities for effective application lifecycle management, for the benefit of quality management, development, and project management.

Users of HP QC in the areas of requirements management and testing must often deal with the following questions:

- How does RM support release planning?
- What role does RM play in the development cycle?
- How does requirements management with HP QC work?
- How do requirements in HP QC ease and support testing?
- What advantages do requirements in HP QC provide for project management?
- How can RM with HP QC be established rapidly and throughout an organization?

This compact tutorial shows how requirements management with HP QC efficiently supports the entire software development lifecycle. It explains how to elicit, document, validate, and manage requirements, presents the transition from requirements to testing, and it illustrates the use of RM for progress monitoring and project control.

Many practical examples give concrete advice for requirements management with HP QC. Participants learn how they can integrate requirements, testing, and project management to create an optimal added value for IT and software development.

### Trainer CVs

Dr. **Andreas Birk** is founder and principal consultant of Software.Process.Management. He helps organizations to optimally align their software processes with their business goals. His focus areas are requirements, test management, and software process improvement.

In more than fifteen years in the software industry, Andreas Birk has built a profound understanding how software and IT contribute to sustained business success. He publishes in renowned IT journals and speaks regularly at international conferences.

**Gerald Heller** is a software process consultant with more than 20 years experience in global software product development. In this context, he has defined and implemented a broad range of development methods with a focus on requirements and test management for iterative incremental development. He has extensive experience in establishing software development processes with integrated support of application lifecycle tools.

Gerald Heller publishes in software engineering magazines and speaks regularly at international conferences.