

<<对象软件测试全程策略>>

图书基本信息

书名：<<对象软件测试全程策略>>

13位ISBN编号：9787030119148

10位ISBN编号：7030119142

出版时间：2003-8

出版单位：科学出版社

作者：麦格雷戈 (John D.McGregor)

页数：393

字数：612000

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<对象软件测试全程策略>>

内容概要

软件测试是确保软件产品质量的必需过程和手段。

在开发面向对象软件和基于组件的软件时，同样必须设计并实施有效的测试。

本书明确指出了面向对象软件和面向过程软件测试任务的不同之处，论述了面向对象软件测试所面临的机遇和挑战。

书中介绍了如何将测试工作整合进软件开发的各个阶段，以及各阶段的具体测试内容是什么。

本书注重结合实例来讲解对象软件测试的过程和技巧，因而具有很强的实践性和指导意义。

本书内容完整，结果合理，适合软件开发测试领域的技术人员和项目管理人员阅读，也可作为软件学院的教材。

<<对象软件测试全程策略>>

作者简介

Dr. John d. McGregor is a senior partner in Dorson-McGregor and an associate Professor of computer science at Clemson University. Dr. McGregor is coauthor, with David A. Sykes, of Object-Oriented Software Development: Engineering Software for Reuse Published by Van Nostrand Reinhold. He writes a column on testing and quality for the Journal of Object-Oriented Programming (JOOP) published by SIGS/101 communications Publishing. Currently he serves on the editorial board of two journals: Journal for Software Testing Professional (JSTP) and the International Journal of Computer and Information Sciences (IJCIS).

Dr. David A. Sykes is an assistant professor of computer science at Furman University. He is an associate of Dorson-McGregor and has taught courses in object-oriented analysis, design, and testing. He has worked in the development and testing of systems and application software since 1975.

<<对象软件测试全程策略>>

书籍目录

PrefaceChapter 1 Introduction Who Should Read This Book ?
What Software Testing Is--and Isn't What Is Different about Testing Object-Oriented Software ?
Overview of Our Testing Approach The Testing Perspective Organization of This Book Conventions Used in
This Book A Continuing Example--BricklesChapter 2 The Testing Perspective Testing Perspective
Object-Oriented Concepts Development Products SummaryChapter 3 Planning for Testing A Development
Process Overview A Testing Process Overview Risk Analysis--A Tool for Testing A Testing Process Roles in the
Testing Process A Detailed Set of Test Activities Planning Activities SummaryChapter 4 Testing Analysis and
Design Models An Overview Place in the Development Process The Basics of Guided Inspection Organization
of the Guided Inspection Activity Preparing for the Inspection Testing Specific Types of Models Testing Models
for Additional Qualities Summary Addendum : A Process Definition for Guided InspectionChapter 5 Class
Testing Basics Class Testing Constructing Test Cases Constructing a Test Driver SummaryChapter 6 Testing
Interactions Object Interactions Testing Object Interactions Sampling Test Cases Testing Off-the-Shelf
Components Protocol Testing Test Patterns Testing Exceptions SummaryChapter 7 Testing Class Hierarchies
Inheritance in Object-Oriented Development Subclass Test Requirements Organizing Testing Software Testing
Abstract Classes SummaryChapter 8 Testing Distributed Object Basic Concepts Computational Models Basic
Differences Threads Path Testing in Distributed Systems Life-Cycle Testing Models of Distribution A Generic
Distributed-Component Model Specifying Distributed Objects Temporal Logic A Test Environment Test Cases
The Ultimate Distributed System--The Internet SummaryChapter 9 Testing Systems Defining the System Test
Plan Complementary Strategies Use Cases as Sources of Test Cases Testing Incremental Projects Testing
Multiple Representations What Needs to Be Tested ?
Types of Testing Testing Different Types of Systems Measuring Test Coverage SummaryChapter 10
Components , Frameworks , and Product Lines Component Models Frameworks Product Lines
SummaryChapter 11 Conclusion Suggestions Brickles FinallyBibliographyIndex

<<对象软件测试全程策略>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>