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| 1. Record Nr.           | UNINA9910555301303321   |
| Titolo                  | Protein secretion in bacteria // edited by Maria Sandkvist, Eric Cascales, Peter J. Christie  |
| Pubbl/distr/stampa      | Washington, DC : , : ASM Press, , [2019]<br>©2019   |
| ISBN                    | 1-68367-286-0<br>1-68367-044-2<br>1-68367-028-0   |
| Descrizione fisica      | 1 online resource (580 pages)   |
| Disciplina              | 572.69  |
| Soggetti                | Bacterial proteins<br>Secretion   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Sommario/riassunto      | "Protein transport into and across membranes is a fundamental process in bacteria that touches upon and unites many areas of microbiology, including bacterial cell physiology, adhesion and motility, nutrient scavenging, intrabacterial signaling and social behavior, toxin deployment, interbacterial antagonism and collaboration, host invasion and disruption, and immune evasion. A broad repertoire of mechanisms and macromolecular machines are required to deliver protein substrates across bacterial cell membranes for intended effects. Some machines are common to most, if not all bacteria, whereas others are specific to Gram-negative or Gram-positive species or species with unique cell envelope properties such as members of Actinobacteria and Spirochetes. Protein Secretion in Bacteria, authored and edited by an international team of experts, draws together the many distinct functions and mechanisms involved in protein translocation in one concise tome. This comprehensive book presents updated information on all aspects of bacterial protein secretion encompassing: Individual secretory systems-Sec, Tat, and T1SS through the newly discovered T9SS Mechanisms, structures, and functions of bacterial secretion |

systems Lipoprotein sorting pathways, outer membrane vesicles, and the sortase system Structures and roles of surface organelles, including flagella, pili, and curli Emerging technologies and translational implications Protein Secretion in Bacteria serves as both an introductory guide for students and postdocs, and a ready reference for seasoned researchers whose work touches on protein export and secretion. This volume synthesizes the diversity of mechanisms of bacterial secretion across the microbial world into a digestible resource to stimulate new research, inspire continued identification and characterization of novel systems, and bring about new ways to manipulate these systems for biotechnological, preventative, and therapeutic applications"--

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| 2. Record Nr.           | UNINA9910784657103321  |
| Autore                  | Utting Mark  |
| Titolo                  | Practical model-based testing [[electronic resource] ] : a tools approach // Mark Utting, Bruno Legeard  |
| Pubbl/distr/stampa      | San Francisco, CA, : Morgan Kaufmann Publishers, 2006  |
| ISBN                    | 1-280-72897-3<br>9786610728978<br>0-08-046648-6  |
| Descrizione fisica      | 1 online resource (455 p.)   |
| Altri autori (Persone)  | LegeardBruno   |
| Disciplina              | 005.3028/7   |
| Soggetti                | Computer software - Testing<br>Computer software - Testing - Automation  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | Description based upon print version of record.  |
| Nota di bibliografia    | Includes bibliographical references and index.   |
| Nota di contenuto       | Front cover; Title page; Copyright page; Table of Contents; Preface; Acknowledgements; About the authors; Chapter 1 The challenge; 1.1 What Do We Mean by Testing?; 1.2 What Is Model-Based Testing?; 1.3 A Smart Card Example; 1.4 Summary; 1.5 Further Reading; Chapter 2 The pain and the gain; 2.1 Classic Testing Processes; 2.2 The Model-Based Testing Process; 2.3 Models: Build or Borrow?; 2.4 Your Maturity Level; 2.5 Hypothetical Case: Total Testing Hours; 2.6 Model-Based Testing Experience Reports; 2.7 Benefits of Model-Based Testing; 2.8 |

Limitations of Model-Based Testing; 2.9 Summary  
2.10 Further Reading  
Chapter 3 A model of your system; 3.1 How to Model Your System; 3.2 A Case Study; 3.3 Transition-Based Models; 3.4 Pre/Post Models in B; 3.5 Summary; 3.6 Further Reading; Chapter 4 Selecting your tests; 4.1 Structural Model Coverage; 4.2 Data Coverage Criteria; 4.3 Fault-Based Criteria; 4.4 Requirements-Based Criteria; 4.5 Explicit Test Case Specifications; 4.6 Statistical Test Generation Methods; 4.7 Combining Test Selection Criteria; 4.8 Summary; 4.9 Further Reading; Chapter 5 Testing from finite state machines; 5.1 Testing Qui-Donc with a Simple FSM  
5.2 EFSMs and the ModelJUnit Library  
5.3 Unit Testing ZLive with EFSMs;  
5.4 Labeled Transition Systems Models; 5.5 Summary; 5.6 Further Reading; Chapter 6 Testing from pre/post models; 6.1 How to Write Pre/Post Models for Testing; 6.2 The System Process Scheduler Example; 6.3 The Triangle Example; 6.4 Robustness Testing from a Pre/Post Model; 6.5 Testing a Chat System with Spec Explorer; 6.6 Summary; 6.7 Further Reading; Chapter 7 Testing from UML transition-based models; 7.1 UML Modeling Notations; 7.2 Testing an eTheater with LTG/UML; 7.3 Testing a Protocol with Qtronic; 7.4 Summary  
7.5 Further Reading  
Chapter 8 Making tests executable; 8.1 Principles of Test Adaptation; 8.2 Example: The eTheater System; 8.3 Summary; 8.4 Further Reading; Chapter 9 The gsm 11.11 case study; 9.1 Overview of the GSM 11.11 Standard; 9.2 Modeling GSM 11.11 in B; 9.3 Validation and Verification of the B Model; 9.4 Generating Tests with LTG/B; 9.5 Generating Executable Scripts; 9.6 Test Execution; 9.7 Summary; 9.8 Further Reading; Chapter 10 The atm case study; 10.1 Overview of the ATM System; 10.2 Modeling the ATM System in UML; 10.3 Generating Test Cases  
10.4 Generating Executable Test Scripts  
10.5 Executing the Tests; 10.6 Summary; 10.7 Further Reading; Chapter 11 Putting it into practice; 11.1 Prerequisites for Model-Based Testing; 11.2 Selecting a Model-Based Testing Approach; 11.3 People, Roles, and Training; 11.4 Model-Based Testing and Agile Methods; 11.5 Model-Based Testing and the Unified Process; 11.6 Epilogue; Appendix A Summary of B abstract machine notation; Appendix B Summary of common OCL constructs; Appendix C Commercial tools; Glossary; Bibliography; Index

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## Sommario/riassunto

This book gives a practical introduction to model-based testing, showing how to write models for testing purposes and how to use model-based testing tools to generate test suites. It is aimed at testers and software developers who wish to use model-based testing, rather than at tool-developers or academics. The book focuses on the mainstream practice of functional black-box testing and covers different styles of models, especially transition-based models (UML state machines) and pre/post models (UML/OCL specifications and B notation). The steps of applying model-based testing are demons

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| 3. Record Nr.           | UNIORUON00196654  |
| Autore                  | HUCH, Ricarda   |
| Titolo                  | Die Romantik / Ricarda Huch   |
| Pubbl/distr/stampa      | Leipzig, : H. Haessel, 1931. Zwei Teile in einem Bande ; 21 cm.   |
| Disciplina              | 830.6   |
| Soggetti                | Letteratura tedesca - Storia - Sec. 18<br>Letteratura tedesca - Storia - Sec. 19.-20<br>Romanticismo - Germania |
| Lingua di pubblicazione | Tedesco   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |