

Designing Software–Intensive Systems: Methods and Principles

Pierre F. Tiako
Langston University, USA

Information Science
REFERENCE

INFORMATION SCIENCE REFERENCE

Hershey • New York

Acquisitions Editor: Kristin Klinger
Development Editor: Kristin Roth
Senior Managing Editor: Jennifer Neidig
Managing Editor: Jamie Snavelly
Assistant Managing Editor: Carole Coulson
Copy Editor: Lanette Ehrhardt
Typesetter: Michael Brehm
Cover Design: Lisa Tosheff
Printed at: Yurchak Printing Inc.

Published in the United States of America by
Information Science Reference (an imprint of IGI Global)
701 E. Chocolate Avenue, Suite 200
Hershey PA 17033
Tel: 717-533-8845
Fax: 717-533-8661
E-mail: cust@igi-global.com
Web site: <http://www.igi-global.com>

and in the United Kingdom by
Information Science Reference (an imprint of IGI Global)
3 Henrietta Street
Covent Garden
London WC2E 8LU
Tel: 44 20 7240 0856
Fax: 44 20 7379 0609
Web site: <http://www.eurospanbookstore.com>

Copyright © 2009 by IGI Global. All rights reserved. No part of this publication may be reproduced, stored or distributed in any form or by any means, electronic or mechanical, including photocopying, without written permission from the publisher.

Product or company names used in this set are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark.

Library of Congress Cataloging-in-Publication Data

Designing software-intensive systems : methods and principles / Pierre F. Tiako, editor.
p. cm.

Summary: "This book addresses the complex issues associated with software engineering environment capabilities for designing real-time embedded software systems"--Provided by publisher.

Includes bibliographical references and index.

ISBN 978-1-59904-699-0 (hardcover) -- ISBN 978-1-59904-701-0 (ebook)

1. Software engineering. 2. Computer systems. 3. Systems engineering--Data processing. I. Tiako, Pierre F.

QA76.758.D476 2008

005.1--dc22

2008008468

British Cataloguing in Publication Data

A Cataloguing in Publication record for this book is available from the British Library.

All work contributed to this book set is original material. The views expressed in this book are those of the authors, but not necessarily of the publisher.

If a library purchased a print copy of this publication, please go to <http://www.igi-global.com/agreement> for information on activating the library's complimentary electronic access to this publication.

34 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage: www.igi-global.com/chapter/architecting-virtual-reality-systems/8238

Related Content

Software-Based Testing Kit Using Machine Learning for Diagnosis and Predictive Analytics of COVID-19 Patients

Vishal Kumar Goarand Jyoti Prabha (2021). *International Journal of Information System Modeling and Design* (pp. 39-50).

www.irma-international.org/article/software-based-testing-kit-using-machine-learning-for-diagnosis-and-predictive-analytics-of-covid-19-patients/276417

Designing and Implementing an Innovation Management System in Young Academic Institutions Using Agile Methodology

Sachin Ahujaand Archana Mantri (2015). *Achieving Enterprise Agility through Innovative Software Development* (pp. 17-35).

www.irma-international.org/chapter/designing-and-implementing-an-innovation-management-system-in-young-academic-institutions-using-agile-methodology/135221

Cyber Physical System Design

(2015). *Challenges, Opportunities, and Dimensions of Cyber-Physical Systems* (pp. 38-60).

www.irma-international.org/chapter/cyber-physical-system-design/121249

Emerging Technologies for Industrial Wireless Sensor Networks

Ivanovitch Silva, Luiz Affonso Guedesand Paulo Portugal (2013). *Embedded Computing Systems: Applications, Optimization, and Advanced Design* (pp. 343-359).

www.irma-international.org/chapter/emerging-technologies-industrial-wireless-sensor/76964

Faults and Their Relationship to Implemented Patterns, Coupling and Cohesion in Commercial C# Software

Matt Gatrelland Steve Counsell (2012). *International Journal of Information System Modeling and Design* (pp. 69-88).

www.irma-international.org/article/faults-their-relationship-implemented-patterns/65562