# Designing Software-Intensive Systems: Methods and Principles

Pierre F. Tiako Langston University, USA



Acquisitions Editor: Kristin Klinger Development Editor: Kristin Roth Senior Managing Editor: Jennifer Neidig Managing Editor: Jamie Snavely 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.

45 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: <a href="www.igi-global.com/chapter/dynamic-analysis-profiling-multithreaded-systems/8240">www.igi-global.com/chapter/dynamic-analysis-profiling-multithreaded-systems/8240</a>

# Related Content

# An Improved Dynamic Load-Balancing Model

Wenqian Shang, Di Liu, Ligu Zhuand Dongyu Feng (2017). *International Journal of Software Innovation (pp.* 33-48).

www.irma-international.org/article/an-improved-dynamic-load-balancing-model/182535

# The Applicability of Process-Orientation to Software Development Projects: The Applicability of Process-Orientation to Software Development Projects

Viktorija Ponomarenko (2022). Research Anthology on Agile Software, Software Development, and Testing (pp. 300-307).

www.irma-international.org/chapter/the-applicability-of-process-orientation-to-software-development-projects/294469

# Hybrid Method for Semantic Similarity Computation Using Weighted Components in Ontology

Kanishka N. Kambleand Suresh K. Shirgave (2022). *International Journal of Software Innovation (pp. 1-12)*. www.irma-international.org/article/hybrid-method-for-semantic-similarity-computation-using-weighted-components-in-ontology/309734

### Aspect Adapted Sculpting

Rachit Mohan Garg (2014). *Advances and Applications in Model-Driven Engineering (pp. 35-52).* www.irma-international.org/chapter/aspect-adapted-sculpting/78609

## Taxicab Geometry Based Analysis on Skyline for Business Intelligence

Partha Ghosh, Takaaki Gotoand Soumya Sen (2018). *International Journal of Software Innovation (pp. 86-102).* 

www.irma-international.org/article/taxicab-geometry-based-analysis-on-skyline-for-business-intelligence/210457