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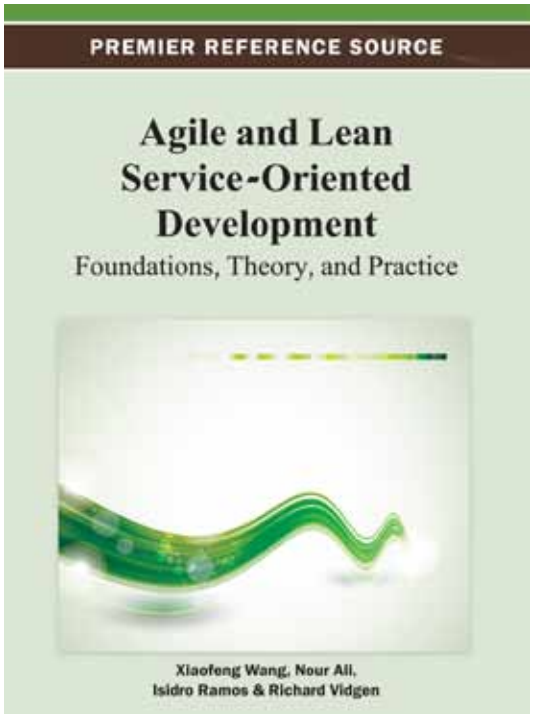
Agile and Lean Service-Oriented Development: Foundations, Theory, and Practice



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Challenges in unpredictable markets, changing customer requirements, and advancing information technologies have lead to progression towards service oriented engineering and agile and lean software development. These prevailing approaches to software systems provide solutions to challenges in demanding business environments.

Agile and Lean Service-Oriented Development: Foundations, Theory and Practice explores the groundwork of service-oriented and agile and lean development and the conceptual basis and experimental evidences for the combination of the two approaches. Highlighting the best tools and guidelines for these developments in practice, this book is essential for researchers and practitioners in the software development and service computing fields.

Topics Covered:

- Agile Development
- Agile, Lean and Service – Oriented Development
- Business Process Modelling
- Service- Oriented Systems
- Service Science
- Service-Intensive Projects
- Software Engineering
- Web Services

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Xiaofeng Wang is a researcher in Free University of Bozen/Bolzano. Her research areas include software development process, methods, agile software development, and complex adaptive systems theory. Her doctoral study investigated the application of complex adaptive systems theory in the research of agile software development. Her publications include several journal and conference papers in major IS/SE journal and conferences, including Information Systems Research (ISR), Journal of Information Technology (JIT), Journal of Systems and Software (JSS), International Conference on Information Systems (ICIS) and the European Conference on Information Systems (ECIS).

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