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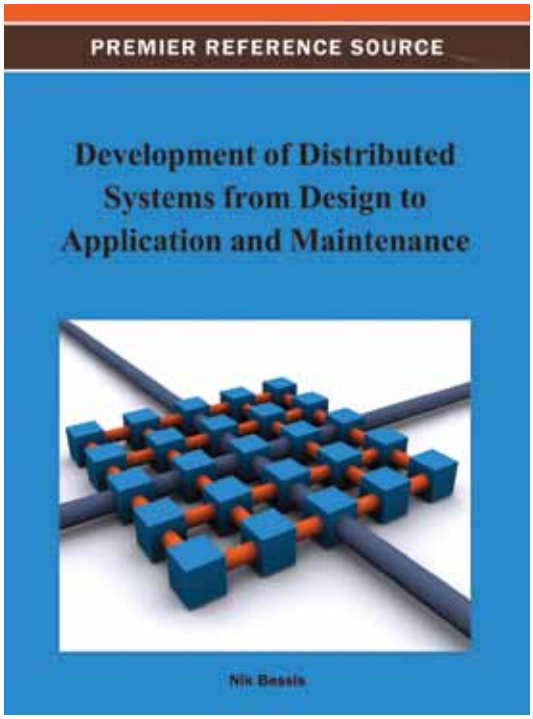
Development of Distributed Systems from Design to Application and Maintenance



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Nik Bessis (University of Derby, UK)

With the continued research of distributed systems and technologies, the ability to have mixed technologies work together is crucial for the development of many types of society systems.

Development of Distributed Systems from Design to Application and Maintenance is a collection of research on the strategies used in the design and development of distributed systems applications. Including research from traditional and emerging areas of applied distributed systems, this book covers theories, practices, and encourages future development for researchers, practitioners, and industry professionals as well as academicians.

Topics Covered:

- Collaborative Networks
- Distributed Information Systems
- Information Communication Technology
- Large Scale Distributed Systems
- Ubiquitous Environments
- Wireless Network Planning
- Wireless Sensor Networks

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.

Nik Bessis is currently the Head of Distributed and Intelligent Systems (DISYS) research group, a full Professor, and a Chair of Computer Science in the School of Computing and Mathematics at University of Derby (full-time), UK. He is also a part-time academic member in the Department of Computer Science and Technology at University of Bedfordshire (UK). He obtained a BA (1991) from the TEI of Athens, Greece and completed his MA (1995), and PhD (2002) at De Montfort University (Leicester, UK). His research interest is the analysis, research, and delivery of user-led developments with regard to data integration, annotation, and data push methods and services in distributed dynamic environments. These have a particular focus on the study and use of next generation, web-centric, grid and cloud technologies methods for the benefit of various virtual organizational settings including disaster management. He is involved in (more than £2.3m) and leading a number of funded research and commercial projects (more than £0.7m) in these areas. Prof. Bessis has published over 150 papers, won 2 best paper awards and is the editor of several books and the Editor-in-Chief of the *International Journal of Distributed Systems and Technologies* (IJDST). In addition, Prof. Bessis is a regular reviewer and has served several times as a keynote speaker, conferences/workshops/track chair, associate editor, session chair and scientific program committee member.

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