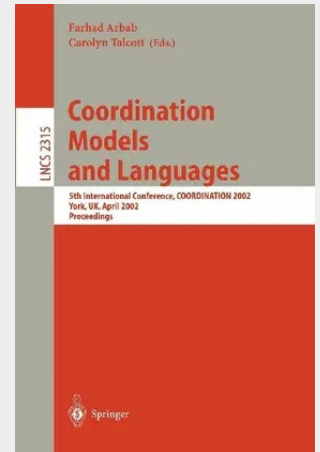


Coordination Models and Languages

5th International Conference, COORDINATION 2002, YORK, UK, April 8-11, 2002
Proceedings

This volume contains the proceedings of the Fifth International Conference on Coordination Models and Languages (Coordination 2002), held in York, UK, 8–11 April 2002. Coordination models and languages close the conceptual gap between the cooperation model used by the constituent parts of an application and the lower-level communication model used in its implementation. Coordination-based methods provide a clean separation between individual software components and their interactions within their overall software organization. This separation, together with the higher-level abstractions offered by coordination models and languages, improve software productivity, enhance maintainability, advocate modularity, promote reusability, and lead to software organizations and architectures that are more tractable and more amenable to verification and global analysis. Coordination is relevant in design, development, debugging, maintenance, and reuse of all complex concurrent and distributed systems. Specifically, coordination becomes paramount in the context of open systems, systems with mobile entities, and dynamically reconfigurable evolving systems. Moreover, coordination models and languages focus on such key issues in Component Based Software Engineering as specification, interaction, and dynamic composition of components.

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53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540434108
Medium: Buch
ISBN: 978-3-540-43410-8
Verlag: Springer
Erscheinungstermin: 27.03.2002
Sprache(n): Englisch
Auflage: Erscheinungsjahr 2002
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 1310 g
Seiten: 412
Format (B x H): 155 x 235 mm

