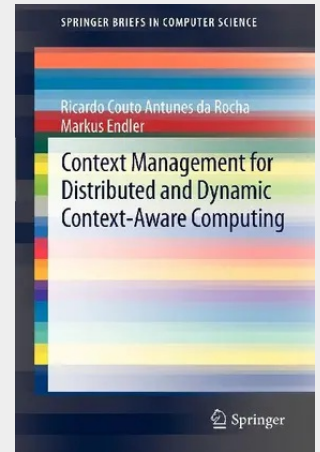


Context Management for Distributed and Dynamic Context-Aware Computing

Research in context-aware computing has produced a number of middleware systems for context management. However, development of ubiquitous context-aware applications is still a challenge because most current middleware systems are still focused on isolated and static context-aware environments. Context-aware environments are inherently dynamic as a result of occasional additions or upgrade of sensors, applications or context inference mechanisms.

Context Management for Distributed and Dynamic Context-Aware Computing proposes a novel architecture for context management based on the concept of context domains, allowing applications to keep context interests across distributed context management systems. The authors describe a distributed middleware that implements the aforementioned concepts, without compromising scalability and efficiency of context access.

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53,49 €

49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781447140191
Medium: Buch
ISBN: 978-1-4471-4019-1
Verlag: Springer
Erscheinungstermin: 04.05.2012
Sprache(n): Englisch
Auflage: 1. Auflage 2012
Serie: SpringerBriefs in Computer Science
Produktform: Kartoniert
Gewicht: 172 g
Seiten: 91
Format (B x H): 155 x 235 mm

