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## Handbook of Research on Architectural Trends in Service-Driven Computing (2 Vols.)



Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series

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Research into the next generation of service architecture techniques has enabled the design, development, and implementation of dynamic, adaptive, and autonomic services to enable enterprises to efficiently align information technology with their agile business requirements and foster smart services and seamless enterprise integration.

The **Handbook of Research on Architectural Trends in Service-Driven Computing** explores, delineates, and discusses recent advances in architectural methodologies and development techniques in service-driven computing. This comprehensive publication is an inclusive reference source for organizations, researchers, students, enterprise and integration architects, practitioners, software developers, and software engineering professionals engaged in the research, development, and integration of the next generation of computing.

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**Raja Ramanathan** is a Technology Advisor, Senior IT Architect, and SOA SME with over 25 years of experience in the computing industry, providing technology consulting services to Fortune 500 enterprises in the USA. Raja specializes in business and technical architecture, developing architecture vision, enterprise integration solution architecture, middleware configuration, software design and development, strategic planning, and governance consulting for mission critical projects. His technical expertise is in Java, SOA, BPM, and tools and technologies primarily from IBM and Oracle. Raja's enterprise clients span business domains in oil and gas exploration and pipelines; energy generation, retail and wholesale; energy distribution and trading; engineering services, financial services, and software product development. Raja is an author and editor of the reference book *Service-Driven Approaches to Architecture and Enterprise Integration* that was published by IGI Global in 2013. His research interests are in the areas of service-driven computing, cloud computing, enterprise integration, and autonomic computing. Raja has a M.E.E in Electrical Engineering from the University of Delaware, USA.



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