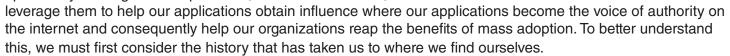# Architectural Framework for Web Development and Micro Distributed Applications

Part of the Advances in Web Technologies and Engineering Book Series

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Premier Reference Source

Architectural Framework for Web Development and Micro Distributed Applications

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IGI Global

Description:

In recent years, we have ushered in a new age where applications will become smaller, distributed, JavaScript-laden, microservices-infused, and utilize the hardware of the client to operate. A new paradigm has been forced upon us by the large search providers, and because of this, we can now leverage them to help our applications obtain influence where our applications become the voice of authority on the internet and consequently help our organizations reap the benefits of mass adoption. To better understand this, we must first consider the history that has taken us to where we find ourselves.

Architectural Framework for Web Development and Micro Distributed Applications helps readers to come to an understanding of how the indexing domain may be leveraged by this new wave of JavaScript applications that have been termed micro distributed applications and by whose creation and implementation will allow the enterprise to reap the benefit of influence by the existing search systems that the masses utilize. It helps to fill in the picture of the evolution that has occurred and will continue to occur in web development whereby the new breed of applications will become JavaScript-laden and highly distributed and whereby the businesses that implement them will stand a chance to win the indexing race and consequently stand to win the attention of the masses. Covering topics such as distributed systems, search engine optimization, and software as a service, this premier reference source is a dynamic resource for web developers, students and educators of higher education, software developers, technical personnel, IT managers, computer scientists, librarians, researchers, and academicians.

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Hardcover: $250.00	**Softcover: $190.00**	**E-Book: $250.00**	**Hardcover + E-Book: $300.00**

Topics Covered:

- Composite Inverted Index
- Distributed Systems
- Natural Language Toolkits (NL TK)
- Propositional Calculus
- Python Algorithms
- Quality Metrics
- Search Engine Market Influence
- Search Engine Optimization (SEO)
- Software as a Service (SaaS)
- System State
- Systems Theory
- Web Development
- Webservices

Subject: Computer Science and Information Technology

Classification: Authored Protocol

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners