

Designing Data-Intensive Applications

THE BIG IDEAS BEHIND RELIABLE, SCALABLE,
AND MAINTAINABLE SYSTEMS



Martin Kleppmann

Designing Dataintensive Web Applications

Yijin Wang

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Morgan Kaufmann series in data management systems Stefano Ceri, Piero Fraternali, Aldo Bongio, Marco Brambilla, Sara Comai, Maristella Matera, 2003 This text represents a breakthrough in the process underlying the design of the increasingly common and important data driven Web applications

Intelligent Media Technology for Communicative Intelligence Leonard Bolc, Zbigniew Michalewicz, Toyooki Nishida, 2005-09-30 The 2nd Workshop on Intelligent Media Technology for Communicative Intelligence commemorating the 10th anniversary of the Polish Japanese Institute of Information Technology in Warsaw aimed to explore the current research topics in the eld of int ligitent media technologies for communicative intelligence Communicative intelligence represents a new challenge towards building a sup intelligence on the ubiquitous global network by accumulating a huge amount of man andknoweresources The term communicativeintelligencere ects the view that communication is at the very core of intelligence and its creation Communication permits novel ideas to emerge from intimate interactions by multiple agents ranging from collaboration to competition The recent advance of information and commu cation technologies has established an information infrastructure that allows humans and artifacts to communicate with each other beyond space and time It enables us to advance a step further to realize a communicative intelligence with many fruitful applications

Intelligentmediatechnologiesattempttocaptureandaugmentpeople scommuni tive activities by embedding computers into the

environment to enhance interactions in an unobtrusive manner The introduction of embodied conversational agents that might mediate conversations among people in a social context is the next step in the process The scope of intelligent media technologies includes design and development of intelligent supports for content production distribution and utilization since rich content is crucial for communication in many applications The promising applications of intelligence media technologies include e learning knowledge management systems e democracy and other communication intensive subject domains

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