

Denis Caromel  
Ludovic Henrio

# A Theory of Distributed Objects

Asynchrony – Mobility – Groups – Components

Preface by Luca Cardelli

 Springer

# Theory Of Distributed Objects

**R. Melhem**



## **Theory Of Distributed Objects:**

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**DOA'01** Gordon Blair, Douglas C. Schmidt, Zahir Tari, 2001 Fundamentals of distributed object systems and their use to solve problems in industrial applications are the focus of these papers from a September 2001 symposium Contributors include researchers who provide technical and theoretical solutions practitioners who show how distributed object systems are used to solve real world problems and users who are interested in understanding how distributed object technology can be exploited in their application domains Themes are support for mobility monitoring and management meta data services enterprise architectures workflow reflection and reconfiguration multimedia and fault tolerance Some subjects include transparent dissemination of adaptors in Jini a collaborative word processing system using a CORBA based workflow framework and developing mobile agent organizations Lacks a subject index Annotation c Book News Inc Portland OR [booknews.com](http://booknews.com)

Proceedings of the International Symposium on Distributed Objects and Applications Zahir Tari, 1999 The September 1999 symposium provided a forum for both researchers and practitioners of distributed object systems to evaluate existing ORB middleware products to propose solutions to major limitations of existing products and to introduce promising future research directions Contributors emphasi *Proceedings of the ISMM International Conference: Parallel and Distributed Computing, and Systems* R. Melhem, 1992

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**Query Processing and Communication Control in Object Bases and Distributed Object Bases** Chen-Yu Sheu, 1986 Motion Estimation of Distributed Objects Using Doppler Rockie L. Ricks, 1994 Using VBScript Ron Schwarz, 1996 Because VB Script is aimed at bringing the masses of VB programmers to the Internet quickly there will be a need for a book that covers not only the VB

Script language but the generic Internet programming hurdles a new programmer will face and getting VB Script code and applets to interface with other Internet code and applets This is the most complete reference to VB Script available

**Distributed Information Systems** Errol Simon,1996 Distributed computer systems are one of the fastest growing areas of computing This text covers design and development at a systems level Exercises case studies and review questions are provided throughout It also includes a glossary of terms

**Proceedings [of The] 18th International Conference on Distributed Computing Systems** M. Papazoglou,1998 Proceedings of the ... Annual ACM Symposium on Principles of Distributed Computing ,2003 **Proceedings of the Twenty-Second Annual ACM Symposium on Principles of Distributed Computing** ,2003

This paper presents an efficient asynchronous protocol to compute RSA inverses with respect to a public RSA modulus  $N$  whose factorization is secret and shared among a group of parties Given two numbers  $x$  and  $e$  the protocol computes  $y$  such that  $ye \equiv x \pmod{N}$  A synchronous protocol for this task has been presented by Catalano Gennaro and Halevi Eurocrypt 2000 but the standard approach for turning this into an asynchronous protocol would require a Byzantine agreement sub protocol Our protocol adopts their approach but exploits a feature of the problem in order to avoid the use of a Byzantine agreement primitive Hence it leads to efficient asynchronous protocols for threshold signatures and for Byzantine agreement based on the strong RSA assumption without the use of random oracles

Complex and Distributed Systems S. G. Tzafestas,Pierre Borne,1986 **Encyclopedia of Information Systems: S-Z, Index** ,2003 **Distributed Object Management** M. Tamer Özsu,1994

This book presents the most current information on distributed object management a synthesis between systems and object orientation It will be of interest to researchers in the field Hitachi Review ,1996 Beginning with the issue of Vol 47 No 2 April 1998 the full page edition of Hitachi Review has been available only on web page in place of the conventional publication

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