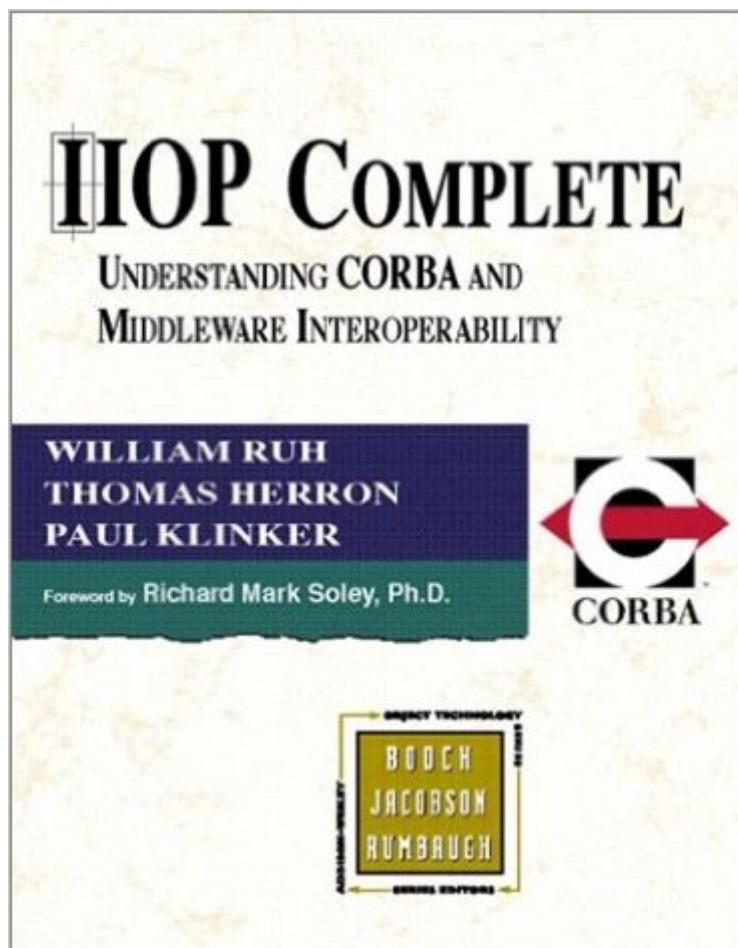


The book was found

# IIOP Complete: Understanding CORBA And Middleware Interoperability



## Synopsis

"A thorough, detailed reference, indispensable for architects, developers and integrators alike."

--Richard Soley, Object Management Group, Inc. The Internet Inter-ORB Protocol (IIOP) is the most broadly known and critical subset of the OMG's widely accepted CORBA standard. IIOP is quickly gaining acceptance among object technology practitioners, and support for IIOP is becoming a standard product attribute for most software vendors. Designed to allow disparate software components to communicate with one another, IIOP ensures interoperability on top of the most popular communications protocol in use today--TCP/IP. IIOP is also at the core of the next wave of technologies all CORBA, Java, and Web developers will rely on to build interoperable objects for the enterprise more easily. IIOP is now also part of the core Java 2 platform, and IIOP Complete helps the Java developer understand how to use this capability. This book offers extensive coverage of IIOP specifics, including CDR, HTTP-NG message protocol patterns, message stream patterns, and object adapter patterns. Discussions of such special topics as IIOP security, building interoperable solutions, and Web and Java integration provide application builders working with CORBA a definitive resource on this important communications mechanism. 0201379252B04062001

## Book Information

Series: Addison-Wesley Object Technology Series

Paperback: 262 pages

Publisher: Addison-Wesley Pub (Sd); 1st edition (October 29, 1999)

Language: English

ISBN-10: 0201379252

ISBN-13: 978-0201379259

Product Dimensions: 1 x 8 x 9.5 inches

Shipping Weight: 9.6 ounces (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 starsÂ  See all reviewsÂ  (4 customer reviews)

Best Sellers Rank: #5,088,436 in Books (See Top 100 in Books) #21 inÂ  Books > Computers & Technology > Networking & Cloud Computing > Networks, Protocols & APIs > CORBA #1164 inÂ  Books > Textbooks > Computer Science > Object-Oriented Software Design #4019 inÂ  Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Object-Oriented Design

## Customer Reviews

I read this book. Most of all, it clearly explains what is GIOP, IIOP, and CORBA message

mechanism. You can understand how CORBA message flows from client to server object. Moreover, if you are interested in security, it is the first starting point to be studied. However, it's content is so limited that I can't get more than the inner mechanism about message between objects. I hope that the author of this book will write more about layer above message mechanism.(i.e. what CORBA stub, skeleton really do for our objects)

This book contains surprisingly many details on its 262 pages. The print is small and hardly any sentence is wasted. It makes a very accurate impression. I easily trust the authors on their facts and arguments. They seem to be knowledgeable and close to the field. Personally I would prefer larger print, more sentences per idea and a little wider scope in topic.

If you need a better understanding of IIOP, or you want a better understanding of the underpinnings of CORBA, you will not be disappointed with this book. I have not found a better book on IIOP."IIOP Complete" provides excellent coverage of IIOP-related topics. Since IIOP is the protocol atop of which CORBA is based (as well as Java's RMI-over-IIOP), it will provide you a much better understanding of the whys and hows of CORBA, as well; however, don't expect it to be an introduction to CORBA, since that is not its focus. Some previous reviews complained that "IIOP Complete" did not meet expectations regarding CORBA which is not its intent. This book covers everything BETWEEN CORBA and the byte stream transport protocol (e.g., TCP/IP). Topics include: ORB interoperability, data representation, GIOP, CDR (the language used "over the wire"), object addressing, type representation, marshalling, pass-by-value, name spaces, portability, availability and reliability, transparency, domains/bridging, scalability and load balancing, forwarding, versioning, connections, security, encryption (SECIOP), firewalls, relationships with Java and HTTP-NG, and compares and contrasts IIOP with other popular middleware strategies (e.g., database, RPC, transaction processing, and message-oriented).

"IIOP Complete" has a long chapter outlining the coming enhancements in IIOP and GIOP versions 1.2, but since the book was published before these versions were released, it is not as current as one might wish today. Nevertheless, it is still an excellent book -- the best I've found -- on the protocols underlying ORB-to-ORB interoperability. I can't wait for an updated edition of the book.

[Download to continue reading...](#)

IIOP Complete: Understanding CORBA and Middleware Interoperability .NET and COM: The Complete Interoperability Guide Understanding Bergson, Understanding Modernism (Understanding

Philosophy, Understanding Modernism) Linux and OpenVMS Interoperability: Tricks for Old Dogs, New Dogs and Hot Dogs with Open Systems (HP Technologies) COM and .NET Interoperability COM and .NET Interoperability (Expert's Voice) Principles of Health Interoperability HL7 and SNOMED (Health Information Technology Standards) The CORBA Reference Guide: Understanding the Common Object Request Broker Architecture Power Over Ethernet Interoperability Guide Distributed Platforms: Proceedings of the IFIP/IEEE International Conference on Distributed Platforms: Client/Server and Beyond: DCE, CORBA, ODP and ... in Information and Communication Technology) Distributed Virtual Worlds: Foundations and Implementation Techniques Using VRML, Java, and CORBA Programming with Java IDL: Developing Web Applications with Java and CORBA Enterprise Application Integration with CORBA Component and Web-Based Solutions Java Tools: Using XML, EJB, CORBA, Servlets and SOAP Integrating CORBA? and COM Applications Enterprise Security with EJB and CORBA (OMG) CORBA Fundamentals and Programming Enterprise Transaction Processing Systems: Putting the CORBA OTS, Encina++ and Orbix OTM to Work Fundamentals of Distributed Object Systems: The CORBA Perspective (Wiley Series on Parallel and Distributed Computing) Indrajal Comics-337-Phantom: The Corba Diamonds (1979)

[Dmca](#)