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Web Services Essentials (O'Reilly XML)

Distributed Applications with XML-RPC, SOAP, UDDI & WSDL

Web Services Essentials

O'REILLY®

Ethan Cerami

Synopsis

As a developer new to Web Services, how do you make sense of this emerging framework so you can start writing your own services today? This concise book gives programmers both a concrete introduction and a handy reference to XML web services, first by explaining the foundations of this new breed of distributed services, and then by demonstrating quick ways to create services with open-source Java tools.Web Services make it possible for diverse applications to discover each other and exchange data seamlessly via the Internet. For instance, programs written in Java and running on Solaris can find and call code written in C# that run on Windows XP, or programs written in Perl that run on Linux, without any concern about the details of how that service is implemented. A common set of Web Services is at the core of Microsoft's new .NET strategy, Sun Microsystems's Sun One Platform, and the W3C's XML Protocol Activity Group.In this book, author Ethan Cerami explores four key emerging technologies:XML Remote Procedure Calls (XML-RPC)SOAP - The foundation for most commercial Web Services developmentUniversal Discovery, Description and Integration (UDDI)Web Services Description Language (WSDL)For each of these topics, Web Services Essentials provides a quick overview, Java tutorials with sample code, samples of the XML documents underlying the service, and explanations of freely-available Java APIs. Cerami also includes a guide to the current state of Web Services, pointers to open-source tools and a comprehensive glossary of terms.If you want to break through the Web Services hype and find useful information on these evolving technologies, look no further than Web Services Essentials.

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Customer Reviews

Webservices is relatively new technology,but there is unusual hype around everyprotocol associated with webservices,say XML-RPC,SOAP,UDDI,WSDL.Ethan Cermani,author of the book writes lucidly about every aspect of these technologies.His approach to this book is so planned;he got text book style of writing ie sentences arepithy -filled with meaning,no nonsense explanations,no unnecessary elaborations,to the pointalmost clinically precise."A webservice is anyservice that is available over the Internet,uses a standardized XML messaging system,and is not tied to anyprogrmming language or operating system." also "A webserviceis self describing via common XML grammar,and discoverablevia a simple find method".author summarises whole scenario inhandful of words!!He divided the whole book into 9 chapters,introducing XML-RPCSOAP,WSDL,UDDI and other W3C issues,evolving security standardsin the first chapter giving panoramic over view of webservices.In remaining 8 chapters he delved deep into all the topics he introduced.He dedicated 3 chapters for SOAP Essentials which is needed,Which is Standardized XML message system to be used in Webservices.Before this there is one chapter covering in-depthmuch sought after XML-RPC;with equal diligence he uncovers WSDLin one chapter which is essential in describing webservices.Finally he finishes the book with thorough coverage of UDDI ,(in 3 chapters)which is essential in discovering webservices.For SOAP examples he followed APACHE implementation,which isopen source readily available over net for free download.coveredGLUE clearly,under WSDL invocation tools.

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