Out of print. J2EE Platform Web Services. Ray Lai. ©2004 | Pearson | Out of print. This book focuses on designing and implementing Web Services solutions based on real life examples. It provides example code, but emphasizes how to design robust applications that are scalable and highly available. Based on Sun ONE architecture, J2EE and enabling technologies such as WSOP and JAX. A Case Study section illustrates how the technology is used and the critical success factors and pitfalls. Look Inside. Get J2EE™ Platform Web Services now with O'Reilly online learning. O'Reilly members experience live online training, plus books, videos, and digital content from 200+ publishers. Start your free trial. J2EE™ Platform Web Services. Book description. Build robust, scalable, end-to-end business solutions with J2EE™ Web Services. This is the definitive practitioner's guide to building enterprise-class J2EE Web Services that integrate with any B2B application and interoperate with any legacy system. Sun senior architect Ray Lai introduces 25 vendor-independent architectural patterns and best practices for designing Web Services that deliver outstanding performance, scalability, and reliability. Web Services container: The Web Services container is responsible for components that comprise standards such as Simple Object Access Protocol (SOAP), Web Services Description Language (WSDL), Universal Description, Web Services standards are still evolving within J2EE and are currently being integrated into the specification. However, the importance of Web Services as an integration technology has not been overlooked by J2EE vendors and many, including IBM and J2EE with Sun ONE, provide varying levels of support for the standards. Sun collaborated with other vendors of e-Business platforms, such as BEA, IBM, and Oracle, in defining J2EE with the initiative named Java Community Process (JCP) to solicit new ideas to improve J2EE over time. Web tier: The Web tier generates presentation logic and accepts user responses from the presentation clients, which are typically HTML clients, Java applets, and other Web clients. Based on the received client request, the presentation tier generates the appropriate response to a client request that it receives. In the J2EE platform, servlets and JSPs in a Web container implement this tier. The J2EE component container supports application components in the J2EE platform. A container is a service that provides the necessary infrastructure and support for a component to exist and for the component to provide its own services to clients. A container usually provides its services to the components as a Java compatible runtime environment. “Ray Lai’s J2EE™ Platform Web Services is a comprehensive look at J2EE platform architecture and should be a must read for any serious Web Services developer.” —Larry Tabb, Senior Strategic Advisor, Tower Group. “This is a book for true practitioners.” An unexpected gem from trying the coding examples was the discovery of sun/server included with the java webservices developers kit (JWSDP). This java server from Sun is the most lightweight and administrator friendly java server that is freely available. If you’re simply wrapping a java class with webservices, you’re repeating this on multiple computers/platforms and you are inside the firewall this is the perfect technology choice.