

# Scott B. Lewis

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**Education:** Ph. D. Social Psychology, [University of Oregon](#), August 1990. Graduate minor in computer science

## Professional Experience

**Senior Software Engineer, [EclipseSource, Inc.](#), September 2008-Oct 2009.** Co-developed server-side platform based upon [Equinox OSGi](#) implementation. Developed dynamic server-side [load-balancing solution](#). Implemented server-based device provisioning, Distributed OSGi services infrastructure, and persistence of roles and rights system. Technologies: [EclipseRT](#), [Equinox](#), [ECF](#),

**Senior Software Engineer, [BEA Systems](#), May 2007-May 2008.** Led creation of Eclipse-based tooling for [BEA Event Server](#). Also contributed to development and maintenance of BEA Workshop product line.

**Director, [Eclipse Foundation](#), April 1, 2005-April 1, 2007.** [Elected committer representative](#)

**Project Lead, [Eclipse Communication Framework](#), October 1, 2004-present.** Initiated project to add peer-to-peer messaging and collaboration APIs to [Eclipse](#). Designed and implemented framework and APIs. Currently leading team to build instant messaging, VOIP, shared editing, real-time collaboration, and other distributed applications. Mentor for [Google Summer of Code](#). See [here for ongoing ECF sub-projects](#). **Technologies:** Java, [Eclipse](#), [OSGi](#), [EMF](#), TCP/IP, SSL, SIP, JMS, IRC, XMPP, JAAS, Bonjour/Zeroconf, Agile development processes. [Project wiki here](#).

**Software Architect, [Cayuse, Inc.](#), April 1, 2004-July 15, 2006.** Led architecture and implementation of web application for research grant preparation and electronic submission. Designed and implemented system authentication and role-based authorization security. Implemented SOAP-based web services for electronic submission and server-side frameworks for model transformation and dynamic PDF generation. **Technologies:** Java, J2EE, JAAS, AJAX, Hibernate, Postgres, Derby, XML/Schema, Struts, XMLBeans, Tomcat, FOP, iText, Eclipse, SOAP, Javascript, JSP, Agile development processes.

**CTO and Founder: ShareThis.com, Oct. 1998-May 2001.** ShareThis produced a real-time collaboration product for on line customer support market. I implemented messaging framework used as basis for company product. I also led system architecture, product development, fund raising, and technical team recruiting. **Technologies:** Java, JAAS, JMS, Postgres, Flash, Javascript, C/C++, Agile development processes.

**Senior Software Designer, Electric Communities, June 1997-Oct. 1998.** Architected, designed, and implemented on line multi-user virtual environment. **Technologies:** Java, Custom programming language.

**Senior Software Engineer, [Intel Architecture Labs](#), May 1995-June 1997.** Initiated project, developed, and deployed multi-user 3D graphical environment. Technologies: C/C++, Java, OpenGL.

**Research Scientist, [Tektronix Laboratories](#), June 1988-June 1990 and August 1993-May 1995.** Architect and co-developer of a multi-user virtual environment for engineer training and education. Developer of ethnographic research techniques for product development.

**Member of Technical Staff, [AT&T Bell Laboratories](#), September, 1990-1993.** Developed visual programming system for rapid development of telephone billing applications. Designed telephony services rapid development tools and environments.

## Experience Summary

**Collaboration and Communication Systems Innovator:** Lead researcher in real-time collaboration and communication technology

**R&D Leadership:** Proven team leadership, and technical innovation in small and large organizations

**Broad Technical Skills:** Mastery of wide range of technologies. Architectural and superior implementation skills

**Market Driven:** Excellent product-to-market vision and ability to consistently deliver technology with high quality. Superior responsiveness to market and business constraints

**Individual and Group Communication:** Excellent written, verbal, and team interaction skills

## Other Technologies and Skills

**Framework Designer:** Experienced architect and API designer for networked applications

**Eclipse:** Proficiency with plug-in development for the [Eclipse](#), [Eclipse Rich Client Platform \(RCP\)](#), and underlying [OSGi](#) component model. Experienced in Agile project leadership and open source governance

**Author and Presenter:** Published author and conference presenter. Journal reviewer. Publications list and content available

**Skilled musician, scuba diver, and juggler**