

Dave McComb, President – Semantic Arts, Inc.

Dave is a hands on practitioner and thought leader in the area of applying Semantic Technology to Enterprise Architecture and Applications.

For fourteen years as co-founder and President of Semantic Arts he has managed major Semantic Technology projects with over a dozen large enterprises, including Goldman Sachs, Broadridge Financial Systems, Procter & Gamble, Lexis Nexis, Sentara Healthcare, Sallie Mae, and seven different Agencies in the States of Colorado, Texas and Washington.

Dave is the author of [Semantics in Business Systems](#), and was the co-founder of the Semantic Technology Conference, the go to place for companies looking to commercialize semantics. He is a frequent speaker and writer on the topic and has inspired many to enter the field.

In the early 90's Dave pioneered an approach to ontology development based on facilitated brainstorming in focused Semantic Modeling sessions. In the intervening 20 years he has lead over 200 of these sessions and built almost as many ontologies.

Prior to founding Semantic Arts, Dave spent 13 years with Andersen Consulting (the part that became Accenture) designing and building Enterprise Applications for large firms including: Boise Cascade, Georgia Pacific, Wildish Construction, Norton Abrasives, the US Geological Survey, Bougainville Copper, US West and Martin Marietta (now Lockheed Martin). He founded First Principles and co-founded Velocity Healthcare.

Work History

President, Semantic Arts, Inc. 2000 - Present
Managed over a dozen major projects involving requirements, design and architecture for a dozen major companies and agencies.

Co-Founder and VP of Research & Development, Velocity.com 1995 – 2000
Build and patented the first model driven development environment. Built and implemented several applications for ambulatory healthcare.

President, First Principles, Inc. 1989 – 1995
Managed several large development projects including a custom ERP system for World Minerals and a system to manage volume building for the architects that designed all the WalMarts.

Senior Manager, Andersen Consulting (now Accenture), Denver, CO 1985 – 1989
Managed several major implementation projects for Martin Marietta, US West and the Colorado Department of Transportation.

Manager, Andersen Consulting, Singapore 1980 – 1985
Managed a custom ERP system for a large copper and gold mine, and a distribution system for a large trading company

Staff Consultant, Andersen Consulting, Portland, OR

1976 - 1980

Education

MBA, Portland State University, 1976

Bachelor of Science, Portland State University, 1974

Patents, Certifications and Awards

Lead inventor on patents # 6,006,224 (Crucible Query System) and #6,049,673 (OrganicWare Applications), and #6,111,573 (Device independent window and view system).

PMP/PMI – Certified as a Project Management Professional (PMP) by the Project Management Institute (PMI)

APICS – Certified by the American Production and Inventory Control Society.

Selected Invited Talks and Tutorials

"Tutorial: Semantic Technology: Ready for Prime Time," Semantic Technology Conference, San Francisco, CA, June 2013

"Tutorial: Semantic Technology for Enterprise Architects," Semantic Technology Conference, San Francisco, CA, June 2013

"Semantic Technology For Enterprise Architects," Semantic Technology Conference, co-presented with Simon Robe, New York, NY, October 2012 and San Francisco, CA, June 2012

Keynote speech: "The Semantic World," Air Transportation Information Exchange Conference, Silver Spring, MD, August 2012

"gist: A Freely Available Upper Ontology for Business, Introduction and Case Studies," Semantic Technology Conference, San Francisco, CA, June 2012

"Semantic Technology For Enterprise Architects," Semantic Technology Conference, co-presented with Simon Robe, New York, NY, October 2012 and San Francisco, CA, June 2012

"Smarter, Better And Richer – What To Look For At SemTechBiz This Year," co-presented with Tony Shaw, San Francisco, CA, June 2012

"Elegance and Agility," IPMA, Lacey, WA, May 2012

"Introduction to Ontologies," IBM Information Governance Summit Meeting, Beaver Creek, Panel Discussion: "Practical Steps to get Semantics into your Organization Now," Semantic Tech & Business Conference, Washington, DC, December 2011

"Introduction to Semantic Technologies," Semantic Tech & Business Conference, Washington, DC, November 2011

"Semantic Ontologies in Your Enterprise," Taxonomy Boot Camp 2011, Washington, DC, October 2011

Panel: "How to Bring Semantics into Your Organization," Semantic Tech & Business Conference, London, England, September 2011

"What Semantics Teaches Us About Accounting," American Accounting Association, Denver, CO, August 2011

"14 Ways to Use an Enterprise Ontology," IRMAC Conference, Toronto, Ontario, Canada, June 2011

"Semantic Technology for Data Modelers," IRMAC Conference, co-presented with Simon Robe, Toronto, Ontario, Canada, June 2011

Tutorial: "Seven Things You Didn't Know about OWL," Semantic Technology Conference, co-presented with Simon Robe, San Francisco, CA, June 2011

Workshop: "How to Get Started with your Semantic Project," Semantic Technology Conference, San Francisco, CA, June 2011

"3 Case Studies Using Upper Ontologies," Semantic Technology Conference, San Francisco, CA, June 2011

Workshop: "What is Semantic Technology?" Semantic Technology Conference, San Francisco, CA, June 2011

"A Case Study in Applying Ontologies to SOA," Ontology Driven Implementation of Semantic Services for the Enterprise Environment (ODISSEE) Workshop, Washington, DC, April 2011

Keynote speech: "How Semantic Technology Will Invert Corporate Information Systems," EIM Conference, Toronto, ON, September 2010

"Ontology-Driven SOA Governance," Semantic Technology Conference, co-presented with Simon Robe, San Francisco, CA, June 2010

"Project Management Best Practices are Undermining Your Enterprise Architecture," AASHTO, Helena, MT, May 2010

Keynote speech: "Semantic Technology in the Post-Relational World" (via webcam, courtesy of the Icelandic volcano explosion), ITARC, Stockholm, Sweden, April 2010

"Project Management at the End of Age of Silos," PMI, Olympia, WA, February 2010

"Metadata Policies," panel member, IBM Smart Governance Forum, Half Moon Bay, CA, February 2010

"Next Generation Web 2.0: The Social Web," AASHTO, Seattle, WA May 2009

"Changing the Cost of Change" PMI, Olympia, WA, March 2008