



Steve Ball

Senior Data and Solution Architect

Key Skills & Capabilities

- Designing & establishing “fit-for-purpose” Data Architecture practices in organisations
- Translating complex technical concepts into business-friendly language
- Strategic planning for information and data management
- Developing architectures for inter-system communications
- Data Modelling
- Service Oriented Architecture
- Protocol design, data format design
- API design
- Development and delivery of tailored training

Qualifications

- Bachelor of Science, Majoring in Mathematics & Computer Science, Australian National University
- NV1 Security Clearance
- F2A EA Essentials

Overview & Experience Summary

Steve is a Senior Consultant, Enterprise, Solution, and Data Architect at Fragile to Agile with extensive experience in the provision of strategic and architectural advice, and management of tendering and procurement processes for IT systems for both Australian public sector entities and private enterprises. He specialises in the design and implementation of Information Management Strategies, Data Architectures, Data Models, APIs and practices in support of change programs and business automation.

- South Australia Environment Protection Authority (EPA SA): Steve developed Information Management and Data Strategies for EPA SA. He also created a conceptual data model for EPA SA and determined current information assets and data flows.
- State Library of South Australia (SLSA): Steve advised on the preparation of procurement documents for a Data Analytics Platform. He then assisted SLSA to assess responses and select the optimum solution.
- Coal Long Service Leave (CLSL): Steve advised on the preparation of procurements documents for a Registry system and Integration Platform. He then designed the specification of a SOA for CLSL's business process models.
- Aged Care Quality and Safety Commission (ACQSC): Steve developed the Commission's Data Architecture Strategy. This strategy outlines how ACQSC will integrate their data assets into a single, more manageable system and improve their data quality management practices and governance.
- Federal Department of Health: Steve was the Solution and Data Architect for the Pharmaceutical Benefits Scheme (PBS), a \$10 billion per annum Australian Government program. He developed the data, integration, and publishing architectures for the PBS data management system. This engagement involved migrating the PBS from a mainframe system, liaising with policy developers, business users, and software providers on the design and implementation of New Policy Proposals, providing technical advice for Requests for Tender. Steve was the translator: explaining complex policy issues to IT staff, and highly technical IT concepts to departmental officers.
- Federal Parliament of Australia: Steve worked at the Department of Parliamentary Services to re-develop the Hansard Reporting System. This involved developing software to process and display speeches in Hansard and produce Bound Volume Indexes
- Australian National University: Software Engineering Manager, Project Lead & Researcher for Cooperative Research Centre for Advanced Computational Systems and Dept Computing Science.