



Steve Ball

Senior Information and Data 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
- Establishing and improving organisational processes for information management
- Data Modelling
- Developing architectures for inter-system communications
- Service Oriented Architecture, microservice design
- 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
- Fragile to Agile Enterprise Architecture Essentials

Overview & Experience Summary

Steve is a Senior Consultant, Enterprise, Information, Data, and Solution 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.

- Coal Long Service Leave (CLSL): Steve advised on preparing procurement documents for a Registry system and Integration Platform. He then established the Information and Integration Architecture for CLSL, designing an Enterprise Conceptual Information Model, metadata standards, and System of Integration design.
- South Australia Environment Protection Authority (EPA SA): Steve developed Information Management and Data Strategies for EPA SA. He created a conceptual data model, determined current information assets and data flows, and conducted a data landscape assessment to create a Data Catalogue with data lineage visualisations.
- 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.
- 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). He developed the data, integration, and publishing architectures for the PBS data management system. This involved migrating the PBS from a mainframe system, liaising with policy developers, business users, and software developers. Steve also advised on New Policy Proposals and Requests for Tender. Steve explained 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 and Researcher for Cooperative Research Centre for Advanced Computational Systems and Department of Computing Science.