

CURRICULUM VITAE (January 2006) – DAVID HUGH KINRAID

1. AREAS OF EXPERTISE: Data Architecture and Modelling
Financial Services Data Warehousing
Financial Services Operational Data Storage
IT Education Processes
Information systems
Systems architecture
Information systems strategic planning
IT Outsourcing Processes
Risk management and corporate compliance
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Email: david.kinraid@bacchus-marsh.com
5. DATE OF BIRTH: 25 August 1953 at Dunedin, New Zealand
6. NATIONALITY: New Zealand citizen
UK Work Visa expires June 2008 (will gain permanent residence in 2006)
7. EDUCATION: Otago University (NZ) B.Com (Information Science and Economics) 1989
8. OTHER TRAINING: Otago University (NZ) PGDipCom (Information Science) 1991
Numerous training courses and seminars during entire career on a wide range of technical, business and personal development topics.
9. LANGUAGE & DEGREE OF PROFICIENCY: English - (mother tongue)
10. MEMBERSHIP IN PROFESSIONAL SOCIETIES: Member (MNZCS) and Past Councillor of the New Zealand Computer Society
Past President, Otago Branch, New Zealand Computer Society
11. OTHER PROFESSIONAL ACTIVITIES: Past Executive Member of the NZ National Advisory Committee for Computing Qualifications (NACCQ)
Former Member of various NZQA (New Zealand Qualifications Authority) tertiary institution accreditation panels
Former Deputy Editor of NZ Journal of Computer and Information Technology
Former NZ representative for SRIG-PS working group of SEARCC (South-east Asian Regional Computer Confederation)
12. COUNTRIES OF WORK EXPERIENCE: New Zealand
United Kingdom
13. **EMPLOYMENT RECORD**

FROM: 20/11/2001
TO: Present
EMPLOYER: Egg plc, Derby, United Kingdom (Internet Retail Bank)
POSITION HELD AND DESCRIPTION OF DUTIES: *2005 – Now Principal Data Architect* – Responsible for enterprise-wide data architecture, platform, modelling, regulatory and development processes. Liaison with business group leaders and other IT architecture groups, member of architecture executive. Functional oversight of Data Services Architects, Data Analysts, Business Analysts and Database Developers. Involvement in the definition of business requirements for major new systems, involvement in the selection of major new systems. Member of various IT management committees. Development of data management policies. Development and implementation of data governance systems to meet regulatory requirements, e.g. Sarbanes-Oxley, Financial Services Authority, Data Protection Act. Development of Strategic Data Management plan. Input into overall Information Systems Strategic Plan. Planning for SAN storage. Member of working group tasked to identify opportunities for and to and implement SOA within Egg.

2003 – 2005 Solution Engineering Lead – Responsible for managing team of data modellers, database designers, data analysts and database developers providing data-related services to business and information technology application development teams.

2001 – 2003 Senior Business Analyst – Responsible for analysis of legacy data for data warehousing, managing other business and data analysts carrying out these tasks, development of ETL rules for historical and current data transfer to data warehouse and operational data store.

FROM: 05/05/1999
TO: 25/05/2001
EMPLOYER: Comtex/Infinity Solutions Ltd. (IT resource outsourcers)
POSITION HELD AND DESCRIPTION OF DUTIES: *1999 – Database and Unix Systems Team Leader* – Took over understaffed and underperforming database and unix team. Built it up to meet and exceed business requirements within six months. Identified and helped to acquire outsourcing opportunities, not only in the database and unix area.

1999 – 2001 – Data Architect/Data Modeller – carried out various data architecture and data modelling assignments as required, often for government departments and for local government. Responsible for all data architecture and modelling aspects of acquired contracts.

2000 – 2001 – Business and Technical Consultant – asked to become business consultant after success with DB and unix team. Carried out various business consulting work for the company both pre-sales and production. These ranged across the spectrum of IT tasks, from strategic planning to negotiation with customer management to responding to RFPs to troubleshooting underperforming contracts.

FROM: 20/06/1997
TO: 30/04/1999
EMPLOYER: NZ Ministry of Foreign Affairs & Trade, Wellington, New Zealand
POSITION HELD AND DESCRIPTION OF DUTIES: *Database Manager/Assistant Development Manager/Data Architect* – Responsible for all Ministry databases worldwide. Day-to-day management of business analysts. Management of external contractors. Acted as Development Manager when

required. Also acted as Operations Manager when required. Set up Ministry project office. Developed Ministry data and database strategic plan. Revamped and gained approval for overall Ministry IT strategic plan. Systems/ vendor troubleshooting. Business consulting work across all areas of the Ministry. Managed Y2K response. Developed IT budgets in conjunction with other managers. Worked at all levels up to Secretary. Worked with other government departments, especially in security and secure communications areas. Travelled to the US and Europe as part of duties, working at various embassies and high commissions.

FROM: 05/01/1991
TO: 07/02/1997
EMPLOYER: Otago Polytechnic, Dunedin, New Zealand
POSITION HELD AND DESCRIPTION OF DUTIES: *1991 – 1993 Lecturer, National Diploma of Business Computing.* Taught all aspects of computing at lower levels. Taught business analysis, systems analysis, database design, modelling and development at Stage III level.
1994 – 1997 Course Supervisor, Information Technology. Managed business and computing programmes as part of duties. Acted as Head of Department when required. Developed new programmes, sought funding, involved in marketing.

FROM: 25/11/1988
TO: 31/12/1990
EMPLOYER: Otago University, Dunedin, New Zealand
POSITION HELD AND DESCRIPTION OF DUTIES: *Information Technologist, Accounting and Finance Department*
Responsible for managing all aspects of hardware, software, networking, peripherals as well as providing IT advice to lecturing staff and maintaining systems for general staff. Assisted graduate and honours students with statistical analyses. Responsible for research datasets such as Compustat. Completed move of large datasets from Burroughs B5900 to VAX cluster. Wrote bespoke software when required.

FROM: 07/1985
TO: 24/11/1988
EMPLOYER: Sapient Software, Dunedin, New Zealand
POSITION HELD AND DESCRIPTION OF DUTIES: Director. Sapient Software was my own business. Wrote bespoke databased and networked PC software systems for businesses in New Zealand before the growing maturity of the vertical business software market made continuing economically infeasible.

14. SUMMARY OF CONSULTING EXPERIENCE

Start Year	Assignment
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- 2006** **Sarbanes-Oxley 1.6 Data Compliance Remediation Project, Enterprise Services, Egg plc. Lead consultant.** Identification of gaps between SOX requirements and Egg policy/process, determination of remediation requirements, liaison between business and IT operations to remediate gaps. Ongoing. 3 months
- Update of Data-related Policies and Processes, Enterprise Services, Egg plc. Principal Data Architect and Data Team manager.** Annual review of policies and processes for managing data governance, data classification, data retention, data backup, data archiving. Principal consultant. Ongoing. 2 months
- Update of Data Management Strategic Plan, Enterprise Services, Egg plc. Principal Data Architect.** Two-month review and update of data management strategic plan. Member of reviewing team as principal data architect. Ongoing. 2 months
- 2005** **Creation of Metadata/Data Repository, Customer Data Services, Egg plc. Principal Data Architect.** Planning for managing metadata; assignment of team members to task and oversight; implementation of in-house built metadata repository; planning and implementation of metadata publication process using Oracle Portal; management of ongoing metadata repository population process. Ongoing 6 months to date.
- Development of Egg Data Encyclopaedia (Corporate Data Model alternative), Egg plc. Principal Data Architect.** Identification and purchase of data modelling tool (Sybase PowerDesigner); training of staff to use PowerDesigner (also experienced in Erwin and ER Studio); development of methodology based on industry best practices for recording and formatting metadata; reverse engineering of all major systems; guidance to analysis staff on the gathering, formatting and storage of metadata; design of reporting templates. Ongoing. 9 months to date.
- Data Modelling and Database Development Design Authority, Egg plc. Solutions Engineering Lead and Principal Data Architect.** Task is to ensure that the database-related aspects of all software developments, additions and updates are appropriate, meet design standards and will interact with existing data and databases correctly. Ongoing since April 2004.
- CRM Associate Interface Redevelopment Project Pilot, Egg plc. IT/Enterprise Services consultant to initiating business group.** Acted as interface between the business and the IT group during the development of a pilot project designed to demonstrate a new and integrated associate interface. Involved integrating data from Oracle over Unix, DB2 on AS400 and DB2 on MVS plus external data sources into a useful dataset for the project. Also wrote much of the demo program using Borland Delphi. Involved in writing the demo script and filming of the demo. 4 months part-time.
- 2004** **Customer Data Warehouse Data/FDI Data Integration Project, Egg plc. Data Architect/Data Solutions Engineering Lead.** Project to meld large data sets from different sources which contained similar, but not identical, data so that they could be stored and accessed in a useful manner for marketing. Designed the process and managed the analysts' activities. 1 Month.
- Data Architect/Team Lead, Database Design and Development Team, Egg plc. Data Solutions Engineering Lead and Database Consultant.** Appointed to this position at the end of March, 2004 and held the position until further reorganisation in December, 2004. Involved in many IT and business data projects across the organisation, effectively as design authority.
- 2003** **Customer Data Warehouse Redesign Project, Egg plc. Data Architect and Senior Data Analyst.** Redesigned the Egg CDW (Customer Data Warehouse) to meet business requirements for greater flexibility. Designed an XML-based messaging which would allow incomplete personal, account and transactional data to be held and processed automatically as more complete data came to hand. Designed and helped to build sectional data marts, some of which are star schemas, which supply marketing and credit business groups with data. Implementation of the CDW design allowed both historical and current data to co-exist (but on different SANs), enabling CDW to be used, in part, as an Operational Data Store. The design of this warehouse was featured by GIGA/Forrester in their magazine and on their website. 10 months.

- 2002 – 2003** **Credit Card “Bible” Project, Egg plc. Data Architect, System Designer and Senior Data Analyst.** Assigned to lead the design and build of a specialised Operational Data Store intended to provide real-time information on credit card performance, including applications, card customer acquisition, analysis of credit card transactions. System is used on various levels, from card business analysis, financial analysis, and product development to providing a “dashboard” for senior product managers to monitor activity. 4 months.
- 2001 – 2002** **Customer Data Warehouse Project, Egg plc. Senior Data Analyst and member of project management team.** Lead the data analysis effort to develop a customer data warehouse. Involved data analysis of disparate data sources, design of integration, extraction, transformation and loading processes, including customer detail matching, data cleansing and similar data type reconciliation. Worked with staff from Oracle plus internal staff to ensure development was completed according to design and on schedule. Managed the team of contract testers during the development phase. 11 months.
- 2001** **“Meteor” Investment Supermarket Project, Egg plc. Senior Business Analyst.** Hired by Egg plc to lead analysis effort leading to the development of an investment funds supermarket to be offered by Egg on its website. Completed initial analysis, involving discussions with various third-party investment funds providers. Completed design of web page contest lists. Reassigned to CDW project after 1.5 months.
- Hutt City Council Information Technology Strategic Plan, Infinity Solutions. Business consultant.** Began to develop an IT strategic plan for HCC. Identified areas requiring planning. Worked with senior business managers to identify business needs. Worked with senior IT managers to identify future technology needs. Left Infinity Solutions before completion, but handed it over to another consultant who completed it a month later. 1 Month.
- Hutt City Council Outsourcing Contract Implementation, Infinity Solutions.** Business consultant to HCC, member of implementation team. Worked with the team to ensure that the implementation of the outsourcing contract awarded by HCC to Infinity Solutions was smooth and trouble free. Fully successful. 1 month.
- New Zealand Rugby Football Union Corporate Data Metamodel, Infinity Solutions.** Data architect. Analyse, build and desk-check a data metamodel for the NZRFU as part of a larger contract to revise and update the NZRFU’s information systems. 1 month
- 2000 – 2001** **Transpower Billing System Project, Infinity Solutions. Business consultant, data architect.** Design and build a web-based retail billing system for Transpower to be able to invoice electricity retail companies and generating companies for the transmission of power from source to destination. 6 months.

- 2000 ACC (NZ Accident Compensation Corporation) RFP for IT Service Provision, Infinity Solutions. Business consultant.** Part of a small "tiger" team tasked with responding to a Request for Proposal from ACC for IT services for the next five years. Responsible for data, database and unix administration sections, also acted as QA for all other sections. 2 months
- Remote Systems Management Project, Infinity Solutions. Lead business and technical consultant.** Project launched to investigate how Infinity Solutions could design, resource and implement a full remote systems management framework for our outsourcing clients. Travel to the US to examine partners' systems and to identify enterprise management software. 1 month.
- Bendon Ltd. Contractual Issues Resolution/Contract Management, Infinity Solutions. Business consultant/contract manager.** Tasked to resolve difficulties that arose between Bendon and Infinity over the outsourcing contract. Worked in Wellington and Auckland to ensure that all issues were dealt with to the satisfaction of both parties. 5 months, part-time.
- Bendon Ltd. IT Disaster Recovery Plan, Infinity Solutions. Disaster recovery consultant.** Drew up a DRP for Bendon Ltd. as part of an IT services outsourcing contract. Negotiated with Bendon managers, CFO and CIO to design and develop a DRP which met the company's needs and which Infinity could implement in a cost-effective manner. 1 month.
- ACC (NZ Accident Compensation Corporation) Data Service Manager, Comtex Ltd./infinity Solutions. Data team leader.** Managed the database and unix teams at ACC. Resolve hardware and software issues. Worked closely with the IT Service Manager and deputised and acted in the IT Service Manager role when required. Services provided as part of outsourcing contract. Involved in contractual issues and conflict resolution. Ongoing for 10 months
- 1999 Comtex Ltd., Database and Unix Team Leader/Data Architect.** Engaged to revive moribund database and unix team which was losing staff and contracts. Involved hiring/firing, budgeting, motivating, training, acquiring infrastructure as well as acquiring new customers directly, being involved in pre-sales work, acting as point of first contact for client managers, resolving disputes and expanding scope of contracts. 10 months.
- Precedent Payroll System Implementation, Comtex Ltd. Business/technical consultant.** Worked with developers of the Precedent Payroll system which Comtex had purchased to try to resolve functional and performance issues. Redesigned many processes and parts of the database with Precedent to achieve this. 1 month.
- Server Management Document Set, Comtex Ltd. Business/technical consultant.** Developed and published a set of standardised online documentation to be used by Comtex/Infinity server technicians and maintenance engineers when building and maintaining unix and Windows servers. 3 months part-time.
- 1998 Constituency Management System, MFAT (NZ Ministry of Foreign Affairs & Trade). Database/development manager.** Gathered requirements worldwide for a constituency management system intended to work across all embassies and high commissions as well as in Wellington. System design derived from requirements and data model produced. 3 months 1998/1999
- Acting IT Operations Manager, MFAT.** Acted as operations manager for varying periods of time in the absence of the IT Operations Manager.
- Legal Treaties System Replacement Project, MFAT. Database/Development manager.** Worked to design a replacement for the Legal Treaties database system, which had become unworkable. Travelled to France and the United Nations in New York to examine existing system and new ones under development. 2 months.
- Non-Governmental Organisations System Development, MFAT. Database/development manager.** Analysed, designed and managed the development of a complex system required to manage information about NGOs that MFAT deals with in foreign countries. Managed the contractors who developed the system. 1 month.
- Economic Development Divison Process Documentation Project, MFAT. Business analyst.** Project to analyse all of the Economic Development Division's business processes. Object was to improve/streamline processes and to discover where the use of IT might assist in this. 2 months.

- 1997** **Database Manager/Assistant Development Manager, MFAT (NZ Ministry of Foreign Affairs and Trade).** Engaged to provide data architecture, data modelling and contract management support for Ministry databases and to act as Development Manager in the Development Manager's absence. Manage up to 25 staff and contractors. Act as Operations Manager when necessary. Act as business consultant to and for business when necessary. Provide guidance/mentoring to analysis and development staff. Carry out annual budgeting for Development Section.
- IT Strategic Plan, MFAT. Business consultant/analyst, MFAT.** Managed a rewrite of the Ministry's IT strategic plan as chair of a working group. Worked with Undersecretaries to clarify MFAT overall strategic plan. Developed draft programs to put plan into place, budgeted for these and began implementation. 2 months.
- Data Management Strategic Plan, MFAT. Database manager.** Drew up a strategic plan to better manage the Ministry's disparate data stores. Gained agreement for this, gained funding for the programme and began implementation. 1 month.
- Establish IT Project Office, MFAT. Assistant Development Manager.** Proposed, gained approval for, and set up an IT project office to better manage and report on the many IT projects within the Ministry. Two analysts appointed to manage projects, reporting formats agreed and implemented, reporting channels agreed and implemented. 1 month.
- 1996** **Implementation, Bachelor of Information Technology Degree, Otago Polytechnic. IT Education Consultant.** Oversaw (and taught during) the implementation of all three years of the BinfoTech. 10 months (part-time).
- Certificate in Business Studies, Otago Polytechnic. Course Supervisor.** Designed, gained approval for and implemented the Certificate in Business Studies. 2 months (part-time).
- 1995** **Course Supervisor, Other IT and Business Studies. Otago Polytechnic.** Promoted to course supervisor of this area in recognition of work carried out on B.InfoTech degree programme. Lighter teaching load allowed me to oversee the implementation of the degree programme to ensure its success when begun in 1996. Managing OITBS included all part-time day and evening courses taught by the Business and IT Department as well as foundation business studies and IT courses.
- 1994** **Senior Lecturer in Information Technology, Otago Polytechnic.** Taught Project Management, Data Analysis, Data Modelling, Database Design, IT Strategic Planning, Business Ethics.
- Development of Bachelor of Information Technology degree programme, Otago Polytechnic. Senior Lecturer.** Tasked to develop IT degree programme for Otago Polytechnic. Formed team to develop programme and shepherded it through national approvals process. Identified required extra staff and arranged to hire these. 10 months.
- 1991 – 1993** **Lecturer in Business Computing, Otago Polytechnic.** Taught Systems Analysis and Design, Business Analysis, Project Management, Data Analysis, Data Modelling, Database Design. Various commercial consulting projects carried out during this time.

1988 – 1990 **IT Consultant, Otago University Accounting and Finance Department.** Responsible for all aspects of computing within the department and for many within the wider Commerce Faculty. Involved budgeting for, acquisition, installation and maintenance of computers within the department, training of staff, building early Novell and Appletalk networks, assisting teaching staff with computing issues, assisting with statistical analysis for research projects, assisting graduate and honours students with designing research methodologies. Included some stage I teaching. Acted as liaison between the department and Otago University Computing Services.

Much development work carried out during this time, including:

Student Accountancy Test Package. Otago University. IT Consultant/programmer. Tasked to develop a PC-based accounting package which would allow students to enter financial transactions for a company over one accounting year. The package then produced a cashflow, a profit and loss statement and a balance sheet and scored the student on the accuracy of account selection, data entry, etc. Used for some years to teach students the basics of computer-based accounting. 5 months part-time.

Company Database Integration. Otago University. Programmer. Integration of company data from disparate sources into a single database on the VAX Cluster. Development of PC front-end system so that lecturers could access this data from their PCs. 2 months part-time.

Compustat Data Set Derivation Suite. Otago University. IT Consultant/programmer. Developed suite of programs (Cobol, Fortran on the University's VAX Cluster) which would allow researchers to extract specific data sets from the Standard and Poors Compustat company database. 3 months part-time.

1985 - 1988 **Director, Sapient Software**

Developed many small systems for various businesses in New Zealand. Significant instances include:

Timeshare Resort Management System, Monad Enterprises, Dunedin. Business analyst/programmer. PC-based system developed to manage all aspects of running a timeshare resort including ownership, billing, bookings, unit maintenance, employment, payroll. 12 months part-time. (System only superseded in 2001)

Truck and Stock Management System, DD Transport, Dunedin. Business analyst/programmer. Networked PC-based system which managed stock, generated waybills, invoices, reports to stock owners, managed truck fleet including maintenance schedules, parts ordering, driver time management. 7 months part-time.