

Resume of David A. BAYLY

Telephone: +44(7970)417 038 (mobile)
Address: 41 Jacoby Place, Priory Road
Edgbaston, Birmingham
B5 7UN, U.K.
email: dbayly@udena.ch
Date of birth: 15th August 1947 in Port Lincoln, Australia.
Citizenship: Australian
Marital status: single
Visa status: in United Kingdom: Patriality (Can enter and work freely).
Foreign languages: Can read and speak French.
Qualifications: In EDP, usually as a Systems Programmer and/or Software Architect since 1967, professionally since 1972, as an employee, independent consultant and owner-employee of a software house. Have worked in Australia, Europe, USA and South Africa. Led several commercial software projects. Taught numerous classes in Advanced Programming and Operations Automation. Since 1986, increasing interest and emphasis on Macintosh computers and since 1994, with the Internet and the World Wide Web.
1997-now Macintosh development work (Frontier, Javascript, C& SQL). NAP support contracts for Unisys. System support for Unisys .
1996-1997 Consultant to Operations Department at Orange plc, UK NAP user.
1995-1996 Participated in start-up of a commercial Internet Web server company in Zürich Switzerland. Set up Macintosh Internet server and created SQL database and its interface to the World Wide Web (WWW). See <<http://www.udena.ch/jobsurf/>>.
1994 Architect and implementor for Unisys at Nynex, Boston - the NAP Expansion project, a network of NAP A Series mainframes.
1991-1993 Worked for Unisys on A Series mainframes in Switzerland, Pennsylvania and Boston. OA&M Architect for their Network Application Platform, a mainframe telecommunications node.
1986-1990 Programmer and consultant on Apple Macintosh personal computers. Designed, wrote and published an off-line reader for the COSY conference system (BIX version).
1978-1985 Designer, programmer and co-owner of Metalogic, a third party systems software house for Unisys A Series mainframes.
1972-1978 Systems Programmer and datacoms specialist on Burroughs B series (Unisys A Series) mainframes in Australia and Europe.
Education: 1969 BSc. from University of Tasmania, majors Physics & Pure Mathematics.
1971 Programmer In Training, a one year graduate course (the P.I.T. Course) run by and at the Canberra College of Advanced Education for the Commonwealth of Australia.
Publications: 1985 FLEX Capabilities and Reference Manual. Printed by Metalogic.
1981 and 1985 SUPERVISOR Mark II Capabilities and Reference Manual. Printed by Metalogic.

A Series Experience

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| May 98-Nov. 98 | Unisys support at Merseyside Police, Liverpool. |
| Feb. 98 & Sep. 97 | NAP support at Prague, Czech Republic for Unisys (Feb 98) and at E-Plus, Germany and Dutch PTT for Unisys/InfoActiv (Sep 97) |
| Jul. 96-Feb. 97 | Consultant to Orange plc in Bristol,UK where I was responsible for building a NAP support team which would operate 2 unattended A18s. Also implemented a TCP/IP port based A series to Unix exception reporting for NAP on top of Metalogic Supervisor (ALGOL, DCALGOL). |
| Nov 93-Sep 94 | Moved to the NAP Expansion project at Nynex (for Unisys) as an architect and implementor, where I was responsible for all aspects of making a network of A11s run largely unattended; and for providing an integrated view of the Internet on state-of-the art Macintosh and PC compatible workstations, to operators at a central site. NAP is Unisys' Telephone Network Application Platform. |
| Jun 93-Oct 93 | Contract member of the Unisys team that operates and supports a NAP system at Nynex in Cambridge, Massachusetts. Primary employer was Prism, based in Watchung, NJ. I was also involved in the planning for a network of unattended A11s. |
| Feb 92-Jul 92 | Seconded to Unisys Engineering in Tredyffrin, Pennsylvania as Software architect OA&M (Operations, Administration & Management) in NAP. I was required to develop the specifications for Unisys OA&M and proposals for its implementation; along with recommendations for making NAP more user friendly, easier to support and operationally efficient. I also led a task force on Supportability and Ease of Use of the NAP product. |
| Mar 91-Jan 92 | System Consultant at Skill Centre Mainframes (Software and Services) for Unisys (Schweiz) AG. Developed Swiss version of a service package called the A Series Starter Plan. Studied the Bancos package and showed how it could be installed and run more efficiently. Performed various systems consulting duties for Unisys customers, third party houses and internally. Performed a one month site audit at the showcase NAP site (in California) as consultant to Unisys Engineering in Tredyffrin, Pennsylvania. |
| Sep 86-Nov 86 | Contracted to Burroughs Belgium to design and implement ZISCC, a package to manage file transfers on a BNA network. Part of this work was to design and implement a BNA agent. |
| Aug 78-Nov 85 | Co-founded Metalogic, a software house specialising in performance consultancies and operations software for Burroughs Large Systems. Personally designed, wrote and documented several complex commercial packages: SUPERVISOR II, FLEX, METATAPELIB and LPMCS I also spent serious effort on change control, both procedural and implementation (the FILED package); automation of the process of system software generation and on programming tools for in house use. Consulted at University of Genoa for Burroughs Italy, and at a number of large system sites on behalf of Burroughs and numerous customers. |

A Series Experience

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| Aug 78–Nov 85 | <p>Gave many courses on efficient operation of large computer systems throughout Europe, Africa and the US. Installed a number of machines (B6800, B6900 and B7900) for Burroughs customers. Supported system software at a number of sites.</p> |
| Apr 77–Jul 79 | <p>Consultant to Norwegian site NKL, as Systems Programmer. Handled MCP and systems support at the site. Designed and wrote datacom software (DCALGOL and NDL) for a distributed system (B6700 and B700). Oversaw rewrite of their major COBOL application, a warehouse management system. Developed utility software to make use of large system Cataloging. Installed strict security protocol at the site. Developed a package to certify program suites based on analysis of the code files, which later became the FILED package described above.</p> |
| Nov 76–Mar 77 | <p>Consultant to Burroughs East Division based in Vienna; was project leader for the Moscow sites , VNTITS and Ministry of Oil.</p> |
| Feb 75–Oct 76 | <p>Systems Programmer for Arbed Steel in Luxembourg. Installed first B7700 in Europe, handling MCP and datacom areas. Developed NDL TD800 and TD700 request sets, which were subsequently used at sites throughout Europe. Developed an interest in automating the operation of a Burroughs large system, and implemented a general purpose Supervisor program to do that. Installed a strict security protocol. Supported Systems software and scientific packages in use at Arbed. Was briefly Operations Manager for the purpose of restructuring the Operations Department.</p> |
| Jul 74–Dec 74 | <p>Systems Analyst at Burroughs Large Systems Support Group at Ruislip, London, a third level support group. Supported European and African sites in Datacom, especially NDL I.</p> |
| Sep 72–May 74 | <p>Systems Analyst for Burroughs Australia at the Canberra Branch. Specialised in Datacom and DMS I. Wrote a generalised MCS for customers at Canberra Data Centre. Shared MCP and compiler support. Presales and benchmark work.</p> |
| Jan 72–Aug 72 | <p>COBOL Programmer at the Department of the Treasury of the Commonwealth of Australia on a Control Data 3600. Developed database system as a contract programmer on a Burroughs B5500.</p> |
| 1971 | <p>Completed course on Burroughs B5500 (in the P.I.T. course).</p> |
| 1967–1970 | <p>Programmed in ALGOL and assembler, scientific and systems programming using an Elliot 503 at the University of Tasmania.</p> |

Macintosh and Internet Experience

- Jan 99-now Macintosh development work (Frontier 6 Usertalk, Applescript, Javascript, C& SQL). CGI programming. Developed web based form generator/editor (CGI) in Usertalk. RFC822 email address compliancy checker in Javascript. C maintenance and debug work on regex package. Used Frontier 6 and the Manila application as content management package to create and maintain web pages for self and Udena. See <<http://www.udena.ch/dbayly/>> for links to published pages and released software.
- Jan 98 - May 98 CGI development and website management scripting in Frontier 4. Content managment using Frontier 4.
- Sep.1995- May1996 Participated in start-up of a commercial Internet Web server company in Zürich Switzerland. Set up Macintosh Internet server and created SQL database and its interface to the World Wide Web (WWW). See <<http://www.udena.ch/jobsurf/>>. Created web pages for administration (HTML).
- 1994 Architect and implementor for Unisys at Nynex, Boston - the NAP Expansion project, a network of NAP A Series mainframes. A small part of this project was to configure, integrate and install a Macintosh workstation using TCP/IP from which a large network was managed . This involved integrating the workstation into a mainframe environment.
- 1986-1990 Programmer and consultant on Apple Macintosh personal computers. Designed, wrote and published an off-line reader for the COSY conference system (BIX version) in Think Pascal.