

John S. R. Critchley (BSc, MSc)

Skill set

Unix: shell scripting; networking; admin tasks	Sybase: Transact SQL; stored proc development	Perl: various modules, eg mod_perl; development
Exchange connectivity support: VTX/SWX	Equities/FI/Warrant support	Windows XP: support and application knowledge
Scheduling tools: Autosys BMC Control-M	Oracle: PL SQL	Web development; Javascript
ETL: Informatica Powermart/Powercentre	Firewalls: Juniper/ScreenOS	Problem management

Summary

- **Twelve years** of experience in **UNIX**, four in development.
- **Ten years** experience in **Sybase ASE**, three years development.
- **2 years** experience in **Oracle**.
- Hands on experience maintaining and writing and supporting **database feeds** in a production environment.
- Good working knowledge of: Transact SQL (6 years), Perl (8 years), UNIX shell programming, C (8 years), JIL (3 years), ScreenOS; familiarity with Javascript C++, . and Lex/Yacc
- Knowledge of **network protocols** including multicast.
- **Autosys** and **BMC Control-M** scheduling tools
- Analysing and rectifying faults at remote sites by guiding user by telephone.

Work Experience

September 2006 - Present

UBS – IT Infrastructure

Firewall Engineering, Product Management & Engineering

Extending and maintaining tools to configure and monitor Netscreen firewalls, using Perl and web front end. Investigating issues with configurations and liaising with vendor. Analysis of new devices from vendor. Management of open issues with vendor. Informing Service Delivery of status of open issues they have raised.

February 2005 – August 2006

UBS - Investment Bank

IT Equities Trading, Global Services Delivery team

Supporting trading platform, its real time market feeds, its broker feeds and client feeds (including FIX links) and its direct exchange links. Analysing status of trades in database. Analysing performance issues; including developing Perl scripts to monitor latency in various parts of the system, and producing representations of system performance graphically. Ensuring stability of environment by ensuring testing process had been followed before releasing new components into production environment and maintaining the 'prodtest' environment.

April 2003 – March 2004 (Contract)
UBS – European Wealth Management

Environment support

Supporting the nightly feeds into the European Wealth Management systems – in house staging (on Oracle/Powermart), Olympic (AS/400 DB2 servers) and data-warehouse (Oracle/Powercentre). Ensuring that the price, holdings, portfolio, employee security information data feeds, from various sources are correct and available in a timely manner.

November 2001 – November 2002 (Contract as continuation)
Merrill Lynch Investment Managers

Interfaces team

Having worked closely with the team prior to this on feeds into Trades, I was asked to join in order to enable the deadline for the Global Platform project to be met. The development work for a set of ETL feeds in Powermart into Sybase ASE servers, scheduled by Autosys. This time is for the development and maintenance for the burn-in period. Maintenance of the existing feeds some using C/C++ Open Client programs and others Powermart. I continued some of the previous support duties including data feeds and Autosys.

August 1998 – November 2001 (Contract)
Merrill Lynch Investment Managers

PAS Support Analyst

Supporting the nightly feeds into the Trades, Management information System and Client Information System databases (on Sybase servers). Ensuring that the price, holdings, portfolio, employee security information data feeds, from the broker are correct and available in a timely manner.

May 1996 – August 1998 (Perm)
SBC Warburg Dillon Read

SwisKey Support Analyst

Supporting and then developing feeds for SwisKey Futures - a Sybase System 11 based database with originally a NeXT UNIX front end and now also a Windows NT based application. Ensuring that the Exchange Traded Derivatives (ETD) portfolio data feeds from the core processing system (Rolfe & Nolan -R&N) in a correct and timely manner.

January 1993 - May 1996 IBM PC User Group (Perm)

Systems manager

Maintaining an Internet e-mail and Usenet news gateway, security and software on the Group's UNIX machines, running the bulletin board and WWW service.

Education

- Bachelor of Science, Computer Science with Physics, King's College, University of London 1991
- Master of Science, Cranfield Institute of Technology, 1992

Personal

- Non-smoker
- Interested in Mac OS-X & Winter sports