

Sr. Rational Tools Consultant

Objective: Over Seventeen years experience of Software Configuration Management environment using ClearCase, Installing, Building, Labeling, Releasing and Testing the products in software development environment Experience in Version control tools like ClearCase, Subversion, PVCS, VSS, and CVS. Strong technical background in all aspect of system administration on UNIX/Windows platforms.

Provide assistance with implementation of configuration management, process creation, and process creation and control through the use of ClearCase, ClearQuest and other IBM Rational Tools. Seek position to enhance the overall quality of software configuration and release control at the project, department or enterprise level. Provide implementation so departments could evolve to higher compliance states in order to develop their code more quickly and with less cost.

Education: **Manhattan College, New York**
B.S. - Electrical Engineering
M.S.- Electrical Engineering

Clearances: **Active Secret Clearance currently held.**

Training: **Rational University**

- **Managing Software Projects with Rational ClearCase and Unified Change Management**
- **Rational ClearQuest Administration**
- **Managing ClearCase Planning Implementation and Administration**
- **Fundamentals of ClearCase**
- **ClearCase Policy and Process Management**
- **ClearCase MultiSite Administration**

Other training

- NT 4.0 Server & Client Administration	- Windows 2000 Server & Client Administration
- Solaris System Administration	- SunOS 4.x System Administration
- Sun-4 Systems Maintenance	- Advanced Sun System Administration for SunOS 4.x
- System Performance Tuning	- SunNet Manager 2.2
- HP OpenView 4.x & 5.x	- NetView 4.x/6000
- Project Planning and Management	- Microsoft Project

Related

Skills: **Experienced in:** Perl, Shell Script (Bourne, C, Korn), Sed, Awk and others.

Experienced with: ClearCase, ClearCase with UCM, ClearCase Multisite, ClearQuest, Subversion, Perforce, PVCS, CVS and VSS, Maven, Jira, ClearQuest, ClearMake, AnthillPro, Make, GNU Make, Bash, MKS, Cygwin, SSH, PureCoverage, Quantify, Purify, BEA WebLogic, WebSphere and Samba and others.

Experienced on: UNIX (Solaris, HP-UX, AIX, IRIX), Red Hat Linux, Windows XP/2000/NT, MacOSX and others.

ClearCase

Experience: **A Better Solution, Inc. - Atlanta, Ga.** 2010 - Present

SR. RATIONAL TOOLS CONSULTANT

Software Configuration Management: Consulting concentrating on CM practices and implementation using ClearCase, ClearCase with UCM, MultiSite and ClearQuest. Design and implement process automation and simplification. Assist in Planning and migration of code bases to ClearCase from other CM tools. Train ABS clients in the effective use of ClearCase, UCM and CM practices. Responsibilities also include overseeing workstation/server configuration, COTS tools install/config, writing utilities to extend the capabilities of COTS tools and creation of makefile sub-systems to automate builds.

Consulting assignments include but not limited to the following:

Large Medical Insurance Firm
SR. CM Consultant

(2011-2012)

Defined, developed, maintained, and improved distributed the configuration management processes and procedures. Manage all changes to configuration items and environments that are "in a state of change" and identify the risk of cross-impacts & identify all affected applications. Work in source code version control system SVN & Jira and conduct version control, branching, merging, labeling for multiple release versions of multiple applications. Monitor and perform software build & deployment thru Jenkins releases to QA, Stage and Production environments.

Large Government Aeronautics Contractor
SR. Rational Tools Consultant

(2010-2011)

- Designed/implemented ClearQuest schema with corresponding backend database in MS SQL Server.
- Installed ClearCase/ClearQuest environment in classified SIF lab with customized ClearCase triggers and ClearQuest hooks.
- Provided branching methodology and developed configuration specifications.
- Maintained ClearQuest databases, implemented change requests to ClearQuest schema and user administration control against the database.
- Coordinated software configuration management best practices and process improvements.
- Performed builds and SCM audits of planned release.
- Migrated all the projects from ANT to Maven 2.2.

Wells Fargo Bank (Internet Services Group) (10/2002- 11/2004) (06/2009-09/2010)
Software Configuration Management

- Primary SCM and Build Release Engineer for Alerts Next Generation project using
- ClearCase and ClearQuest for WellsFargo Online Banking.
- Import code drop from off-shore development to local ClearCase repository every week, train developers in UCM, troubleshoot ClearCase issues, wrote scripts to baseline and 'recommend' them. Conversant with ClearCase GUI as well as command line tools.
- Daily integration and development builds, release builds as required.
- Migrated all the projects from ANT to Maven 2.2.
- Responsible for setting up a branching and release procedure that worked effectively, providing quick QA response time.
- Managed and conducted all merging of ongoing development branch to release branch for each release cycle.
- Performed daily builds, trial runs and deployed packages to many hosts in DEV & SIT environment.
- Wrote shell and Perl scripts to backup ClearCase VOBs, registry and prune views.
- Developed a branching scheme to track software releases and policies to checkin QA bug fixes.

Lockheed Martin Information Systems & Global Services
(contract)

02/2006 – 05/2009

- Migrated CVS code base to ClearCase. Converted from Ant based build to Maven – new Mavenized directory structure, created pom.xml for each module, identified the Maven coordinates of external dependencies, shared dependencies by loading these into a hosted repository, modularized build by leveraging Maven usability to reuse artifacts - developer don't need to build whole code base.
- Integrated IBM Rational ClearCase, Unified Change Management (UCM) & IBM Rational ClearQuest change management solutions enabled with activity-based change management.
- Developed deployment of java apps on nightly build repository using Nexus- Maven repository manager and Apache Continuum – automated build, release management.
- Participated and played a major role in Build/Release meetings with all contributing partners in deciding what goes into any particular release.
- Developed and maintained all Build/Release automation tools.
- Supported System Integration and testing activities.
- Conducted SCM training "ClearCase UCM for Developers".

Broadcom

05/2006 – 01/2006

(contract)

- Maintained and enhanced customized ClearCase UCM & ClearQuest process model.
- As a member of a team that defined and implemented new release processes, was heavily involved with writing new process definition and policy description as well as writing tools to enforce the policies and make the overall process very efficient.
- Implemented and maintained a very high degree of process automation needed for software development in a multi-release and distributed environment.
- Migrated CVS/Perforce code into ClearCase, created / implemented new VOBs, source, and data pools.

KLA-Tencor

(02/2003 – 07/2003) (12/2004 – 02/2005)

Software Configuration Management Manager

- Team leader responsible for a staff of 5 SCM Engineer.
- Originally hired as a Senior Configuration Management Consultant to design, implement, and deploy Rational Unified Change Management (UCM) with MultiSite.
- Refined and improved development processes with UCM usage model.
- Build Automation with SoftTree Tech's 24 x 7 Scheduler for Project Managers to launch daily, weekly, and on-demand build.
- Worked on project to convert Windows VOBServer infrastructure to Unix and NetApp Filer for VOB database and storage pool

IONA Technologies

11/2001 – 08/2002

Software Configuration Management Manager

Responsible for maintaining configuration management system and software development environment at IONA. Created the infrastructure and tools for building and releasing IONA's products across multiple platforms. Deployed pre-defined policies ("Rules of the Road") for effective use of the revision control system and sharing common code bases by developers. Performed nightly build & test and release process for various IONA products for their java code base with ANT.

QuickLogic

04/2001 – 10/2001

(contract)

Introduced pilot UCM process project for new product development at QuickLogic. Restructured several large VOBs with minimal impact on developers, to be used as component VOBs for UCM. Designed and implemented ClearQuest/UCM/MultiSite process model distributed development among multiple geographical sites for QuickLogic. Worked with different groups to implement policies and procedures for new process model. Also evaluated existing build and release process impact with new UCM process model.

Go.com / Infoseek Corporation (Walt Disney Internet Group)

09/2000 – 03/2001

(contract)

Build and control baseline for systems under release cycle, accomplishing various web page rolls on a weekly basis and tracking of engineering features for Go.com portal live services. Responsible for all aspects of the configuration management process and environment with major input in establishing testing environments on multiple platforms, change control/implementation planning and release quality. Worked with QA team to monitor and troubleshoot the PQA Go.com services on the site. Created Version Description Documents for new software releases. Update configuration management procedures, as needed for release cycle. Designed and implemented Network Appliance File Server for VOB storage pools as a cost-effective means for greater reliability, reduced build times and increased productivity in the ClearCase environment.

Informix Software, Inc.
(contract)

04/1998 – 08/2000

Complete software builds on Solaris and Windows platforms using ClearMake, isolate reasons for build failures, perform advanced debugging to get details on the failure with makefile changes, email those responsible for build failure and rebuild nightly builds. Implementation of tools - Purify, Quantify, Pure Coverage, supported and enhanced for Informix developer's productivity. Helped developers with building and testing 9.3x NT features. Rolled-Out 9.x NT Server Development Environment to different sites at Informix for developers to build and test the server. Developed productivity and automation tools in Bourne and Korn Shell. Document and work on continuous improvement of internal processes - build automation, reporting and release to operations.

Bay Networks, Inc.

12/1995 – 03/1998

Senior Software Engineer and Project Lead

Managing, researching and evaluating, developing, implementing, teaching, and supporting (including training) developers in Network Management Software group and Optivity applications on various UNIX platforms and NT.

ClearCase Project:

- Designed and implemented software configuration management package "ClearCase" and "MultiSite" to do bi-coastal development for NMS group on UNIX and NT
- Designed and configured VOB server, View server, MultiSite replica VOB server and also network configuration for better performance of ClearCase
- Moved the development environment from PVCS to ClearCase, trained all the developers on ClearCase, and performed as a Project Lead and ClearCase Administrator
- Developed infrastructure to support development, build, and release management (including , process, procedures, documentation)
- Installed triggers to support development environment
- Implemented new make strategy using "mgm" control based on ClearMake

**Other
Professional
Experience:****The Boeing Company.**

1991 – 1995

Group Lead for REDARS Development Support Team

- Managed a group of five for REDARS development support team.
- Managed a network of servers and workstations running REDARS application on various platforms for Reference Engineering Data Automated Retrieval System (REDARS) project
- Operating system and software tool installation, performance tuning, configuration, administration, monitor systems, network performance and security management for UNIX machines in support of internal development and application projects
- Installation, upgrading and maintenance of various operating systems
- Developed system maintenance and operation utilities in C and K Shell
- Internal consultant to project teams on system sizing, capacity, and performance requirements
- Installation and configuration of useful shareware programs
- Assist developers with configuration and release management
- Assist in diagnosing and resolving hardware and software problems with vendors
- Support of software testing and software integration
- Planning, selection, evaluation and scheduling of hardware/software resources
- Helped to port REDARS application to Solaris

References: Available upon request