

Sr. Rational Tools Consultant

Objective: Using over 19 years of CM experience to provide assistance with implementation of configuration management, process creation, and process creation and control through the use of IBM Rational Tools and processes. Applies knowledge and capability across the Rational Suite of software development solutions, having deployed and enabled users for customized implementations of the IBM Rational tools. Excellent ability to gather, analyze, understand and then implement complex user requirements into practical, cost-effective software lifecycle solutions. Provides subject matter expertise, guidance and enablement for organizational and team based transformation for processes, methods and supporting automated lifecycle solutions. Provide implementation so departments could evolve to higher compliance states in order to develop their code more quickly and with less cost.

Education: **National University** - Bachelor of Science Degree in Information Technology 1998
(Cum Laude- Honors Graduate 3.5 GPA)

IBM Rational Classes

IBM Certified Administrator -- Rational ClearCase v7.1
IBM Certified Administrator -- Rational UCM Fundamentals v2003
ClearCase Fundamentals - A Better Solution, Inc.
ClearCase Administration for Unix - Rational
ClearCase MetaData - Rational
ClearCase NT for Developers - Ericsson

Other Certifications

CMPIC Certified Configuration Management Subject Matter Expert
SAFeAgilist – Scaled Agile Inc.

Additional Training

Solaris 2.x System Administration II - Sun Microsystems

Related

Skills: **Experienced in:** UNIX shell languages, Perl, Batch, AWK and most UNIX utilities.
Experienced with: ClearCase, ClearQuest, ClearCase Mutisite, ClearTrigger, ClearReplica, BuildForge, Rational Team Concert, GIT, Puppet, Jenkins, VS, PVCS, ANT, Artifactory, SharePoint, VMWare, Visual Studio Cygwin, TCP/IP, HTTPS, SMTP, Coverity, Luna, Dotfuscator, Dash-O Wise Installer, InstallShield
Supported Apps/languages: C/C++/C#, JAVA, ASP, Javascript, .NET, VB, SQL, Perl, HTML, Python, Shell
Web Apps/Servers: WebLogic, Apache, IIS 6.0, HPAS, SilverStream

ClearCase & CM

Experience: **A Better Solution, Inc.** - Atlanta, Ga. 2000- 2001 & 2007 - Present
Sr. Rational Tools Consultant

Consulting concentrating on SCM practices and implementation using the IBM Rational Jazz Platform, Collaborative Application Lifecycle Management Tools and legacy IBM Rational products. Design and implement process automation based on industry leading and client software development processes. Assist in planning and migration of code bases to IBM Rational tools from other SCM tools. Mentor clients in the effective use of IBM's C/ALM, UCM and industry SCM practices. Experienced in extending the IBM Legacy and IBM Rational Jazz Platform to meet client requirements and or provide integrations to 3rdParty tools. Responsibilities also include overseeing workstation/server configuration, COTS tools install and configuration, writing utilities to extend the capabilities of COTS or integration with existing IBM Rational Tools and creation of makefile sub-systems to automate builds.

Rockwell Automation

2/2012-5/2015

Configuration Management Consultant – Lean Process Consultant

- Work to develop an organization that adopts a cost-centric, Lean, MVP approach to systems development.
- Design, develop and maintain standards and practices for the future state of software. Development Lifecycle.

- Partner with Product Teams and experts to continuously refine and improve standards.
- Provide guidance on activities necessary for transition to CLM toolset – DOORS Next Generation (RDNG), Rational Team Concert (RTC) & Rational Quality Manager (RQM) to include supporting infrastructure, pilot teams, deployment roadmap and training activities.
- Provide guidance on activities necessary to transition to the Scaled Agile Framework to include training, RTC integration (6.0), Program Increment planning and Story Development
- Help to define and communicate minimum software/firmware traceability guidelines.
- Work with metrics to drive change (TTR, Shippable State, Throughput, Defect Density)
- Conduct research on emerging technologies and best practices
- Evangelize Continuous Delivery tools and practices
- Perform software builds in an Agile environment on Windows and Linux VMware systems using
- ANT and bash shell scripts.
- Migrate automated builds into Jenkins CI for continuous integration and delivery.
- Develop and review bash scripts for automation for product builds, release notifications and integration of build components as preparation for use by Jenkins CI.
- Assist with management of 300+ Java Stack build dependencies
- Write standard operating procedures and technical documents for CM and build related tasks.
- Maintain 15+ build environments to include hardware setup, installation of tools, upgrades, patches and utilization of Puppet for managing configurations of VMWare virtual machines.
- Evaluate tools for configuration management, binary management and continuous integration
- Maintain documented Hardware and Software configuration of CM build environments.
- Interact with Software Leads, Project Managers and Test team to report release status.
- Publish Quarterly Newsletter highlighting activities, topics and trends related to Configuration Management.
- Provide mentoring and training to members of the Configuration Management Community.

Moog Aircraft Group

2/2012-10/2012

Configuration Management Engineer (Remote)

- Administer the SW Configuration Management System (ClearCase UCM, ClearCase Remote Client and PVCS) including installation, upgrades and infrastructure support.
- Administer the Change Control System (ClearQuest), involving maintenance of 15 schemas.
- Support transition from ClearQuest to Jira, via testing prototype and pilot installations and writing user instructions
- Participate in Change Control Board, including reviewing SW Build Configuration documents submitted for release – Drawings, Bill of Materials, Installation Instructions, Part Numbers
- Perform Windows SW Builds using GreenHills Multi, Code Composer and Code Warrior.
- Focal Point for all SW Configuration Management support requests for Salt Lake City, Torrance and India.
- Write ClearCase and CCRC user instructions for enterprise use.

General Dynamics

1/2007-1/2012

Rational Tools Consultant

- Provide ClearCase Administration for the MUOS project including user support, server administration, installation, backup and restore.
- Implement and maintain Multisite configurations between distributed development locations.
- Identify development milestones and implement merging, branching and labeling of source.
- Administer VOBs, Views, Multisite and Triggers for UNIX, Linux and Windows architectures.
- Installation and customization of A Better Solution' SCM tools ClearTrigger and ClearReplica.
- Create Perl and Shell scripts for use with ClearCase, ClearQuest, MultiSite and ClearTrigger
- Provide technical solutions during various phases of the SDLC to include automation and performance tuning, build and release, auditing, troubleshooting and process improvement.
- Define and document formal software requirements for software site deployment to the field.
- Develop and maintain technical documentation on tool usage and SCM best practices.
- Provide mentoring and training to members of Engineering Tools team.
- Provide end user support via ClearQuest implemented Help Desk system.

Publix Information Systems

1/2006 – 12/2006

Software Change Coordinator Consultant

- Facilitate day-to-day administration of the Change Management process
- Coordinate weekly Change Advisory Board (CAB) Meetings
- Ensure change requests and supporting documentation are valid, accurate, reviewed, approved and scheduled according to CM policy and standards.
- Gather information and documents in support of Sarbones-Oxley (SOX) audit requirements.
- Provide change scheduling information for Staging and Production environments.
- Provide quarterly change statistics to upper management.
- Conduct Post-Implementation Analysis and identify areas for improvement.
- Review Change Management process and procedures and identify areas for improvement.

Shell Trading & Gas Corporation

9/2005 – 11/2005

Configuration Management Consultant

- Implementation of Rational ClearCase and ClearQuest using Oracle database for 300+ users.
- Performed ClearQuest hands on training to 200+ users in Houston and London.
- Interfaced with stakeholders to gather requirements for multiple development teams.
- Performed ClearCase installation in prototype and Integration UAT environments.
- Defined and documented Configuration Management procedures.
- Developed ClearQuest training materials and lab exercises.

Pilgrim Software, Inc.

9/2005 – 5/2005

Sr. Configuration/Release Engineer

- Coordinate software builds and release preparations for QC, UAT & Production environments.
- Coordinate software releases from development locations in India and US.
- Administer activities related to planning, identification, control, review and status reporting.
- Manage build procedures and implement utilities to automate software changes.
- Develop installation packages of our software releases via Wise for Windows and InstallShield.
- Maintain the tool for source code management (Visual Source Safe).

Z-Tel Communications, Inc.

10/2002 – 7/2004

Configuration Manager

- Responsible for source code control and web content management
- Promote Java builds to QA and Production environments (Solaris and Windows 2K)
- Deploy web applications via WebLogic stand-alone and managed servers, including setup of JDBC connections, Data Sources, mail, and error logging.
- Perform daily software builds using ANT, as well as load testing the build.
- Administer tools for source control, content management and application servers, including installations. (i.e. ClearCase, Interwoven and WebLogic)
- Configure virtual hosts and SSL certificates for Apache and WebLogic
- Create Clearcase VOBs and View configurations and apply Perl triggers.
- Ensure the reproduction of all product builds and environment configurations.
- Provide 24/7 production support to resolve configuration or deployment related issues.
- Provide ClearCase training to project teams throughout company.

Siemens

4/2002 – 9/2002

Configuration Manager

- Implement Configuration Management Plans and Procedures for a global software development effort.
- Coordinate and produce weekly software builds for release to QA for formal testing.
- Create software release notes and provide software defect information.
- Verify the quality and integrity of software delivered to third parties.
- Perform ClearCase and MultiSite administration in Windows environment.
- Perform version control system installation and training to project teams.
- Create and apply Clearcase triggers written in Perl and Batch.

Computer Sciences Corporation

8/2001 – 4/2002

Configuration Manager

- Define and implement the Configuration Management Plan.
- Configuration identification, status accounting and auditing.
- Perform Java builds using ANT and deployment to test environments.
- Maintain database, web and application servers for QA team (IIS, Apache, SQL and Oracle).
- Participate in the Configuration Control Board for product releases.
- Implement change management using ClearQuest and MS SQL Server.
- Implement migration of source code from PVCS to ClearCase (UCM).
- Provide technical support for Rational tool suites.
- Provide ClearQuest and ClearCase training to all staff levels.
- Support software quality assurance process audits.

ERICSSON Wireless Communications Inc.

1999 - 2000

ClearCase Administrator

- Support the installation, maintenance and use of Rational ClearCase
- Repair problems with ClearCase servers and clients (Solaris & WinNT)
- Assist ClearCase users with problems via problem tracking tool (WREQ)
- Monitor and support local and remote administration of VOBs
- Provide training in ClearCase Fundamentals to Software Developers
- Optimize use of ClearCase with scripting using Perl
- Create and apply branches and triggers in Development environments
- Create VOBs and replicas for local and International sites
- Import source code into ClearCase environment
- Define and document core processes for the Development Environment Team
- Develop work instructions for ClearCase administrative support
- Train team members on ClearCase administrative tasks
- Interact with IT, project leads and software engineers

Associate Engineer

1998 - 1999

- Perform software builds of baselines in ClearCase and PVCS
- Merge and version label source code in PVCS and/or ClearCase
- Maintain makefiles and build scripts
- Software defect tracking using ClearDDTS
- Identify requirements for build tools
- Test new build tools
- Develop software release notes
- Maintain software release web pages
- Monitor disk usage and cleanup data on build servers
- Backup PVCS build data to CD-ROMs
- Provide ClearCase technical support for development teams

Sr. Configuration Management Analyst

1996 - 1998

- Perform software builds of product baselines in ClearCase and PVCS
- Perform build validation in "clean-room" environment
- Burn software images on CD-ROMs for product releases to CM
- Identify software configurations for new products
- Identify interdependencies of software
- Participate in software release planning, perform software version control
- Process software incident reports in defect tracking system
- Develop software release notes
- Process software requests via network, CD-ROM and Boot Proms
- Maintain software release web pages
- Document software release procedures
- Train team members on Software Release Processes

Science Applications International Corporation (SAIC)

Programmer/Analyst (DSCM)

1995 - 1996

- Build software packages on VAX/VMS platform using CMS
- Distribute baseline builds to System Test and SCM
- Create build scripts using VMS DCL
- Perform software version control
- Document software package contents
- Create database reports to support metrics development
- Troubleshoot product test installations
- Create in-house installation instructions for software packages
- Develop procedures build and packaging software
- Interact with Software Engineering and Program Management
- Use of FTP, Telnet, Unix and VMS DCL on HP Workstation and Windows NT

Software Release Coordinator (SCM)

June 1994 - September 1995

- Process software packages for distribution to 100+ locations
- Develop Software Release processes
- Reproduce software on various media types
- Compile software documentation for distribution to customer
- Package software product for shipment to customer
- Maintain customer configuration information in database
- Exercise quality control of media and software documentation
- Archival and off site storage of release records
- Distribute software via LAN or WAN
- Attend Configuration Control Board (CCB) Meetings

References: Available upon request