

Sr. Rational Tools Consultant

Summary: 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 the Rational toolset.

- Over 19 years of experience in: Implementing, Administering and Supporting Configuration Management tools including: **IBM Rational ClearCase (CC)**, **ClearQuest (CQ)**, **RequisitePro (RP)**, **Rose, Rational Software Architect (RSA)**, **Functional and Performance Tester (RFT & RPT)**, **Test Manager (RTM)** and **Robot**. Over 9 years of experience in implementation and customization of **IBM Rational Jazz** toolset based on client needs. (**Rational Quality Manager (RQM)**, **Rational Team Concert (RTC)** and **Rational Requirements Composer (RRC)/Doors Next Generation (RDNG)**)
- Recent administration and user support experience with Atlassian Cloud (Jira, Confluence, Zephyr) and open source DevOps tools. (Jenkins, SVN, Git, Maven, Nexus, Sonar)

Education: **Syracuse University** - Master of Science in Electrical Engineering 2006
Anna University - Bachelor of Science in Electrical & Electronics Engineering 2001

Rational Tools

Certifications:

- IBM Certified Specialist: Rational Team Concert (RTC)
- IBM Certified Solution Expert: Collaborative Lifecycle Management (CLM)
- IBM Certified Specialist: Rational Quality Manager (RQM)
- IBM Certified Solution Designer: Rational Unified Process v7.0 (RUP)
- IBM Certified Specialist: Rational Requirements Composer (RRC)
- IBM Certified Administrator: Rational UCM Fundamentals

Other Training: - Certified Scrum Master (CSM) – Scrum Alliance

Clearances: - Public Trust Clearance – Active

IBM Rational Jazz Tools:

Rational Quality Manager (RQM) versions 1 thru 7	RTC, RRC/RDNG versions 3 thru 7
JRS v6.0.3	

IBM Rational Legacy tools:

Rational ClearCase NT/Unix v9.0.2, 8.0.1, v7.x, 2003.06.xx, CCRC and CTE	Rational ClearQuest v9.0.2, 8.0.1, 7.x, 2003.06.xx and ClearQuest Web servers (WAN and CM)
RequisitePro v7.1.x, 7.0, 2003.06.xx and ReqWeb server	Rational Software Architect (RSA) v7.5, 6.xx and Rose v7.0, 2003.06.xx
RPT v9.x, 8.x, 7.x, RFT v9.x, 8.x, 7.x, RTM, RMT v7.0.2, 7.0, 6.x and Robot v7.0.2, 7.0, 6.x	

Related Skills: **IBM Tivoli:** Tivoli Configuration Manager (TCM) v4.2 and Tivoli Provisioning Manager (TPM) v5.1
DevOps Tools: Atlassian tools (Jira, Confluence and Zephyr), Jenkins, SVN, Git, Maven, Nexus and Sonar
Other SCM Tools: Starteam v7.0, CaliberRM 2005, PVCS and CVS.
Web Technologies: HTML, CSS, JavaScript and VB Script
Web/App servers: IBM HTTP v8.x, v7.x, IBM WAS v8.x, 7.x, 6.1, IIS v5.1, 4, Weblogic v10.x, 9.x
RDBMS: IBM DB2 v9.5, 9.1. Oracle 11g, 10g, MS SQL 2012 R2, 2008, 2005, 2000, Sybase
Operating Systems: Windows, AIX, RHEL, Solaris, UNIX, LINUX,
MS Productivity Applications: MS Project, MS Visio and MS Office Suite.

Rational Tools**Experience:**

A Better Solution, Inc. – Atlanta, GA
SR. RATIONAL TOOLS CONSULTANT

2013 – Present

Software Configuration Management: 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 Rational Jazz Platform to meet client requirements and or provide integrations to 3rd Party 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. Train ABS clients in the effective use of the Rational Brand products and their use.

Recent Consulting Engagements**Internal Revenue Services (IRS)** – Lanham, MD

4/2019 – Present

Configuration Manager/IBM Rational Tools and Nexus Tools SME

- Configuration Manager for eAuthentication program, part of IAM eA3 program within the IRS.
- On-boarded eSignature project to CLM tools suite and IRS CICD Jenkins pipeline.
- Implemented Nexus IQ Server Policies scanning policies for various organization.
- Administered and supported Nexus Repository Manager (NRM), including upgrading to v3 and on-boarding to Nexus IQ server.
- Experimented and did proof of concept with containers for Nexus platform products within IRS.
- Developed CM Plan, CLM Standard Operating Procedures for the project team.
- Worked with DRIVE on-boarding team to develop deployment process using PBP6 deployment package creation and DRIVE ClearQuest (CQ) request system.

Environments: IBM Rational Jazz CLM Tools v6.x, Nexus v3.x, v2.x, CQ v9.x, RHEL v6, v7, zLinux, JBOSS, Oracle

Office of Comptroller of Currency (OCC) -- Washington, D.C.

2/2018 – 4/2019

IBM Rational Jazz Tools Administrator

- IBM Rational Jazz Tools Enterprise System Administrator for a distributed topology deployment supporting over 700+ users.
- Deployed and Administered Jazz solution on WebSphere Application server and HTTP Web server (Reverse Proxy server) v9.x in a distributed topology.
- Implemented Single Sign-On (SSO) via WebSphere Kerberos and SPNEGO in a distributed topology.
- Implemented security hardening of Rational Jazz tools including Web and Application servers in a secured environment.

Environments: IBM Rational Jazz CLM Tools v6.x, Windows 2012 Server, MS SQL 2012, IBM WAS & HTTP v9.x

U.S. Dept. of Agriculture (USDA) -- Washington, D.C.

4/2017 – 1/2018

IBM Rational Tools SME

- Implemented a customized Requirements Management solution using DNG Agile process template to capture functional, system and technical requirements for a large financial management system.
- Leveraged out of the box Jazz Reporting Service (JRS) reports for publishing project dashboard reports to fulfill the reporting needs of the client and the customer.
- Evaluated and prototyped a comprehensive test management solution using RQM, RTC and Rational Test Workbench (RTW) family tools including Rational Functional Tester (RFT), Rational Performance Tester (RPT) and Rational Integration Tester (RIT) for project testing needs.

- Worked with the IBM support team to resolve performance and general DNG issues that is hosted on the IBM cloud.
Environments: Collaborative Lifecycle Management (CLM) on the IBM/ClearObject Cloud Managed Service v6.0.3

National Science Foundation (NSF) – Arlington, VA
IBM Rational Tools SME/DevOps Engineer

4/2013 - 3/2017

- Administered and supported an environment of 130+ users transitioning to Agile/Scrum processes using a mix of IBM Rational tool suite, Atlassian tool suite and Open source tools: Atlassian Cloud (Jira, Confluence and Zephyr), Jenkins, Maven, Nexus, Sonar, Jazz Build Framework, ClearCase, ClearQuest, RQM, RTC and DNG
- Planned and implemented IBM Rational CLM solution (RTC, RQM and RRC) coordinating with Stakeholders and customized RTC, RQM and RRC process templates for teams adopting Scrum processes.
- Evaluated and set-up integrations between Jazz tools with legacy Rational tools and other open source DevOps tools.
- Customized Jira Schemes and rolled out Jira template for several Agile teams with custom workflows, fields, screens and permissions schemes.
- Performed multiple major release upgrades and patching to Rational Jazz platform products. (RQM, RTC and RDNG)
- Administered IBM WebSphere Application Server (WAS), configured LDAP integration and troubleshot performance issues.
- Conducted working sessions and demos, and trained end users on Rational Jazz tools, Atlassian tools and developed quick start guide for project teams.
Environments: Jazz Tools v6.x, v4.x, Rational Suite v8.x, 7.x, Windows Server, RHEL, MS SQL, IBM WAS & HTTP

National Science Foundation (NSF) – Washington, DC
IBM Rational Jazz Tools Administrator/Scrum Master

4/2012 - 5/2013

- Implemented and supported a customer driven IBM Rational CLM solution (RTC, RQM and RRC) for a project team of 150+ users adopting Scrum processes. (Including RTC, RQM and RRC process template customizations)
- Planned and conducted Jazz Tools demos, developed user guides and job aids for project team members.
Environments: Jazz Platform v3.x, Windows Server, Solaris, IBM WAS and MS SQL

Black Diamond Software – Ridgefield, CT
IBM Rational Jazz Tools Trainer

3/2012 - 4/2012

- Planned and conducted training for IBM Rational Quality Manager (Project Admin and Tester Trainings)
- Prepared custom training materials to assist RQM Project admins and Testers.
Environments: Jazz Platform v3.x

U.S. Department of the Treasury. (HAMP) – Herndon, VA
Configuration Manager

9/2010 - 4/2012

- Configuration Manager and Rational tools SME supporting ClearCase, ClearQuest, RequisitePro, Doors and RTC
- Developed a completely automated IBM Rational software delivery system for a user group of 300 users
- Worked on Builds and Deployments to multiple Weblogic environments and troubleshot build and deploy issues.
Environments: Rational Tools Suite v7.x, v6.x, Jazz Tools v2.x, Windows Server, Solaris, Weblogic, Oracle

The WellPoint Companies, Inc. – Indianapolis, IN (Remote)
IBM Rational Tools Deployment Tech

3/2010 - 9/2010

- IBM Rational solutions designer and tools deployment tech for a large Health Insurance Company. Tools deployed include Jazz tools (RTC and RQM), ClearCase Remote Client, ClearQuest Web, RequisitePro, RFT and RPT
- Deployed customized IBM Rational Solution based on the need of the customer for both on-site and off-site teams.
- Supported Rational Toolset for 150+ user community.
- Supported migration of artifacts from legacy Rational tools (Base CC, CQ, CQTM, TM, RMT) and other homegrown solutions to enterprise standard IBM Rational solution.
- Developed documentation on tools deployment and provided customized training for users new to the Rational Toolset for a smooth transition.

Environments: Jazz Platform v3.x, Windows Server, Solaris, IBM WAS and MS SQL

Verizon Business – Sacramento, CA
IBM Rational Tools Administrator

3/2008 – 8/2010

- Supported a Requirements team of 15+ users, Design and Development team of 70+ users, testing team of nearly 20 users and an Operations team of 10 users, with day to day Rational Tools related activities and issues.
- Administered Rational Suite of Tools including the web components: Rational Suite Enterprise, Development Studio, Analyst Studio, Test Studio and Team Unifying Platform.
- Upgraded Rational Tools suite: ClearCase NT/UNIX, ClearQuest and RequisitePro including Rational License server from v2003.06.12 to v7.1.
- Installed, Configured and set-up IBM Rational Jazz Toolset: Rational Team Concert, Rational Quality Manager and Rational Requirements Composer with Tomcat application server and Oracle Database
- Designed and generated reports from Rational tools suite using Rational SoDA and Crystal Reports.
- Piloted various Jazz Tools integration capabilities. (Using tool adaptors, bridges and synchronizations)

Environments: Rational Tools Suite v6.x, 7.x, Jazz Tools v2.x, Windows Server, Solaris, Oracle

ACS Parking Solutions – Atlanta, GA (Remote)
IBM Rational Consultant

1/2008 – 3/2008

- Implemented Rational ClearQuest solution including ClearQuest Web for 40+ users.
- Modeled workflows for Change Requests, Defects and Enhancements for a Production Support Defect Tracking System.
- Created detailed implementation documentations and conducted several training sessions

Environments: Rational ClearQuest v7.x, Windows Server, MS SQL

New York City Department of Education – New York, NY (Remote)
IBM Rational Consultant

11/2007 – 1/2008

- Administered Rational ClearCase, ClearQuest and RequisitePro for a 60+ user environment and multi-tasked as a build support and deployment person in IBM WAS environment.
- Developed efficient branching and merging strategies for parallel developments to facilitate multiple major releases and simultaneous bug-fixes.

Environments: Windows NT/2000, AIX, Oracle

Kaiser Permanente – Pasadena, CA
Sr. Process Consultant/SCM Lead Analyst

10/2006 – 10/2007

- Developed an end to end Configuration Management System to provides a complete solution for Source Code Management (SCM), Build and Release Management for geographically distributed teams that followed ad hoc processes
- Created SCM Plan, process models, standard templates for the Enterprise Software Delivery team.

Environments: Windows NT/2000/XP

Ford Motor Company – Dearborn, MI

5/2005 – 10/2006

Sr. Process Consultant/SCM Lead Analyst

- Worked with the migration team as Rational Tools SME in migration of artifacts from PVCS and other legacy systems to Rational ClearCase UCM and ClearQuest for 50+ SOX compliant applications. (J2EE, ASP, .NET, VB, Oracle, Informix).
- Automated the Software Distribution Process to work with Tivoli Provisioning Manager (TPM) using Tivoli Configuration Manager (TCM) packaging scripts.

Environments: Rational Tools Suite v6.x, TCM v4.x, AIX, HP-UX, Solaris, Windows NT/2000/XP.

Other Professional

Experience:

New York Mercantile Exchange – New York, NY

1/2003 – 5/2005

Software Analyst

Philips Software Center – Bangalore, India

8/2001 – 3/2002

Software Analyst (Intern)

References:

Available upon request