

Rational Tools Architect

Objective: Using over 15 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. 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: **DeVry University of Technology** – Bachelor of Arts in Computer Information Systems.

Rational Certifications: IBM Certified Administrator
Rational ClearQuest v2003, in 2008

Other Certs: Tasktop Certified Deployment Specialist

Rational Tools Training: ClearQuest Administration in July 2002 & January 2005
ClearQuest MultiSite Administration in August 2002
ClearCase Administration in July 2002
ClearCase MultiSite Administration in November 2002

Related Skills:

IBM Rational ClearCaseUCM & MultiSite	Rational Team Concert
IBM Rational RequisitePro	IBM Rational Manual Tester
IBM Rational Functional Tester	IBM Rational Software Architect
IBM Rational Software Modeler	IBM Rational Test Manager
IBM Rational SoDA	IBM Rational Unified Process
IBM Rational DOORS Next Generation	UrbanCode Release & UrbanCode Deploy
Microsoft Visual Source Safe	Microsoft Office Suite
Microsoft Project	Adobe Designer Premier CS3
Atlassian JIRA	Subversion
ANT	PERL, VB Script, SQL Plus+, JAVA, HTML

Rational Tools Experience: **A Better Solution, Inc.** – Atlanta, GA 2011 – Present
RATIONAL TOOLS CONSULTANT

Software Configuration Management: Consulting concentrating on CM practices and implementation using ClearCase, ClearCase with UCM, MultiSite, ClearQuest and Rational Team Concert. 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, writing utilities to extend the capabilities of COTS tools and creation of sub-systems to automate builds.

IM International LLC – Atlanta, GA 2008 - 2011
CONSULTANT

Client: ZAI – FEMA

- Installed and configure of IBM ClearCase, ClearQuest, RequisitePro, Functional Tester, and RSA on 39 workstations.
- Participated in discussions with management on procedure, status and recommendations.
- Documented installation process for client
- Provided virtual support to client during the transition to new location.

Client: Georgia Department of Transportation

- Installed and configure ClearQuest on the server to run off a SQL 2005 database
- Configured the ClearQuest server to run the WEB client
- Configured the CQTM environment and migrated test scripts into CQTM
- Enabled LDAP authentication on the ClearQuest environment
- Installed and configured ClearCase on the server
- Migrated project source code from Visual Source Safe to ClearCase
- Create customer ClearCase triggers in PERL to enforce business processes
- Create and generate customer utilization reports of ClearCase
- Installed and configured RequisitePro on the server to run off a SQL 2005 database
- Configured the Requisite Pro server to run the WEB client
- Enabled LDAP authentication on the RequisitePro environment
- Installed Rational Software Architect and Rational Software Modeler
- Integrated ClearQuest, ClearCase, Manual Tester and RequisitePro
- Install and configure Rational licenses on the license server
- Customize ClearQuest, ClearCase and RequisitePro environments to reflect requirements gathered from stakeholder meetings
- Conduct customized training sessions for end users on the various Rational tools

Advanced Technology Solutions – Atlanta, GA

2007 – 2008

CLEAQRCASE/CLEARQUEST ADMINISTRATOR

Client: IQ Solutions (Rockville MD)

- Meet with client and gather requirements for the customization of ClearQuest and ClearCase environments
- Configure ClearQuest environment to reflect requirements with custom forms, workflows, permissions and triggers
- Configure ClearCase UCM environment to reflect requirements with custom triggers, branching structure and configuration specs.
- Integrate ClearQuest and ClearCase environments
- Configured Rational Manual Tester environments to meet the needs of the Quality Assurance team
- Conduct end user training on the usage of ClearQuest, ClearCase, Manual Tester and CQTM
- Mentor client resources (users and administrators) in the administrative usage of the tools

Client: Department of Labor (Lincoln NE)

- Review the current architecture and version of the Rational ClearCase, ClearQuest and License servers.
- Create installation areas for ClearCase and ClearQuest
- Install version 7.x of the IBM Rational software on the new servers
- Create workstation installation instructions
- Install software on workstations
- Review current base ClearCase VOB structure
- Move existing VOBs (13) to new ClearCase server
- Perform necessary steps to set access control and protections on moved ClearCase VOBs
- Train end users on the usage of the tools
- Mentor client resources (users and administrators) in the administrative usage of the tools

Client: CNA Surety (Sioux Falls SD)

- Proof of Concept of validation process and procedure to ensure that integrity of the application data to CNA's satisfaction
- Install version 7.0.1 of IBM Rational ClearQuest, ClearCase, and Rational Manual Tester
- Migrate the legacy Test Manager data from SQL Anywhere to SQL Server, consolidated into one ClearQuest User database.
- Migrate legacy Manual test scripts from Rational Test Manager to Rational Manual Tester
- Setup and configure the ClearQuest Test Management (CQTM) system
- Validate the migration and ensure data integrity.
- Provide documentation per CNA's requirements:
- Installation Qualification, Operational Qualification.
- Mentor client resources (users and administrators) in the administrative usage of the tools

Client: Arnold & Porter LLC (Washington DC)

- Restored extracted data from a Unix ClearCase environment into a Windows workstation for analysis
- Documented script to extract metadata to assist in analysis of information
- Mentor client resources (users and administrators) in the administrative usage of the tools

Client: McDonalds Headquarters (Oakbrook IL)

- Facilitate stakeholder meetings to understand the requirements
- Configured IBM Rational ClearQuest database to meet all client requirements
- Imported data from external 3rd party databases into new ClearQuest environment
- Documented environment and usage models for client
- Facilitated meetings to present finished product
- Mentor client resources (users and administrators) in the administrative usage of the tools

Client: JDSU (Germantown MD)

- Facilitate stakeholder meetings to diagnose issues with the system
- Assist in diagnostics of restored environments to ensure no corruption of data
- Identify and configure backup strategies for IBM Rational Suite of tools
- Mentor client resources (users and administrators) in the administrative usage of the tools

Client: Georgia Department of Transportation (Atlanta GA)

- Facilitate stakeholder workshops to gather tool needs and configuration
- Facilitate IBM Rational training courses
- Train and mentor client resources (users and administrators) in the administrative usage of the tools
- Create training material for administration and usage of tools
- Install and configure IBM Rational Suite of tools
- Integrate processes and tools
- Identify and configure backup strategies for IBM Rational Suite of tools

S1 Corporation

2005 – 2007

Senior Consultant

- Support of all development tools (JIRA, ClearCase, ClearQuest, Test Director, metrics, and product web pages)
- Implement JIRA defect tracking tool as a replacement to ClearQuest
- Administer and configure JIRA to specifically for S1 business environment
- Migrate all project data from ClearQuest into JIRA
- Integrate JIRA with ClearCase
- Conduct user training for JIRA
- Train and manage all global S1 JIRA administrators
- Perform all patch and upgrades of JIRA
- Responsible for the maintenance of Base ClearCase
- Responsible for created custom development environment for PSO groups in ClearCase including but not limited to performing imports, creation of branches, configuring team view profiles and establishing build processes.
- Responsible for ClearCase Multisite environment including but not limited to creation of packages, maintaining synchronization with 8 international sites, managing mastership of elements, and setting permissions.
- Maintained backup process for ClearCase
- Integrated ClearCase with ClearQuest environment to improve process enforcement.
- Installed ClearQuest Web
- Server and client support/troubleshooting of Rational ClearCase and ClearQuest
- Developed Best Practices around ClearCase and ClearQuest processes
- Responsible for the integrity and execution of software builds (Build scripts were developed using ANT)
- Ensured the integrity of change control environment, auditing process and build environment.

Panasonic Mobile Communication Development

2004 – 2005

Software Configuration Management Engineer II

- Responsible for maintenance of Base ClearCase
- Server and client support/troubleshooting of Rational ClearCase and ClearQuest
- Responsible for maintenance of ClearQuest
- Performed ClearQuest schema updates using VB Script
- Performed daily and weekly ClearQuest database upgrades
- Integration team member responsible for daily and weekly engineering builds to merge and validate all development changes prior to formal CM Software Builds.
- CM Software Build lead responsible for the preparation and execution of configuration management builds and packaging and delivering builds to customers.
- Developed automated PERL scripts and batch files to run nightly software builds and helped manage build scripts.
- Responsible for the integrity and execution of software builds, integrity of change control environment, auditing process and build environment, reporting status, build Release and delivery to customers.
- Author of several user guides documenting configuration management and integration process

GE Power Systems (GPTS)
Software Configuration Management Engineer

2000 – 2004

- Responsible for integrity of change control environment, auditing process, and project status reporting.
- Setup the ClearQuest environment in Oracle and configured ClearQuest Web.
- Created all ClearQuest User databases to store production, staging, and testing data.
- Installed Rational Suite and applied all necessary upgrades and patches on all client machines.
- Designed and created the new software development process, which decreased the team's average response time for closure of a case from weeks to 38 hours. Integrated our process with Clarify, our previous defect-tracking tool, to allow Clarify to generate new software support requests into ClearQuest using the Email Reader functionality of ClearQuest. Because our organization is large and many of our clients continued using Clarify to report support requests to our team, the integration allowed communication between the two tools.
- Customized ClearQuest schema to suit the need of our department's new software development process. Interpreted management's requests into enhancements to the schema.
- Integrated ClearQuest with ClearCase UCM to create an environment that provided process enforcement and restricted user access to the source files without prior authorization.
- Exported and migrated over 40 team projects from Microsoft Visual Source Safe to Rational ClearCase UCM. Also assisted in the migration of a major project stored in CVS into Rational ClearCase UCM.
- Setup the ClearCase UCM server, installing all new licenses to the license server, and coordinating the application all new upgrades and patches to our servers and clients.
- Server and client support/troubleshooting of Rational ClearCase UCM software.
- Designed and implemented our department's ClearQuest and ClearCase MultiSite environment, both local and remote sites. Responsible for maintaining and configuring scripts that automatically synchronize all sites every 15 minutes or less by generating update and sync packets. Also responsible for troubleshooting any synchronization problems by manually regenerating lost packets and configuring the epoch log tables.
- Designed and created the RequisitePro environment in Oracle and RequisitePro Web.
- Integrated RequisitePro and ClearQuest to connect ClearQuest records with RequisitePro use cases.
- Setup TestManager environment in SQLAnywhere.

References: Available upon request