



# A System z Developer's Journey Through the Application Lifecycle

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# Scenario



JK Enterprises has a business need to provide to make a quick update to an existing application and work on a web front end

IT scenario is:

- Establish a requirement
- Break the requirement into working tasks, plan and assign them
- Execute on the tasks defined ensuring a level of quality before promoting it to the next stage
- Promote the changes to final test

## Products to be demonstrated

Collaborative Lifecycle Management (CLM)

- **Rational Team Concert (RTC)**
- **Rational Requirements Composer (RRC)**
- Rational Quality Manager

Rational Developer for System z (RDz)

Rational Development and Test Environment for System z (RD&T)

## Rational Team Concert: Workbench for Collaborative Lifecycle Management



A robust, extensible solution for analysts, developers and quality professionals



# Rational Developer for System z

## ► What is RDz

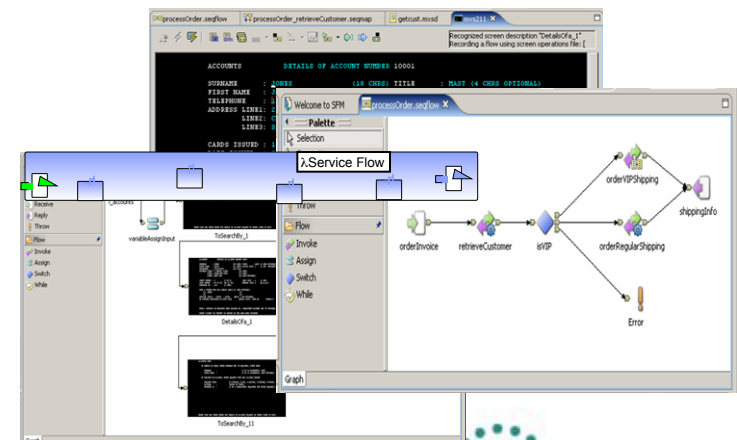
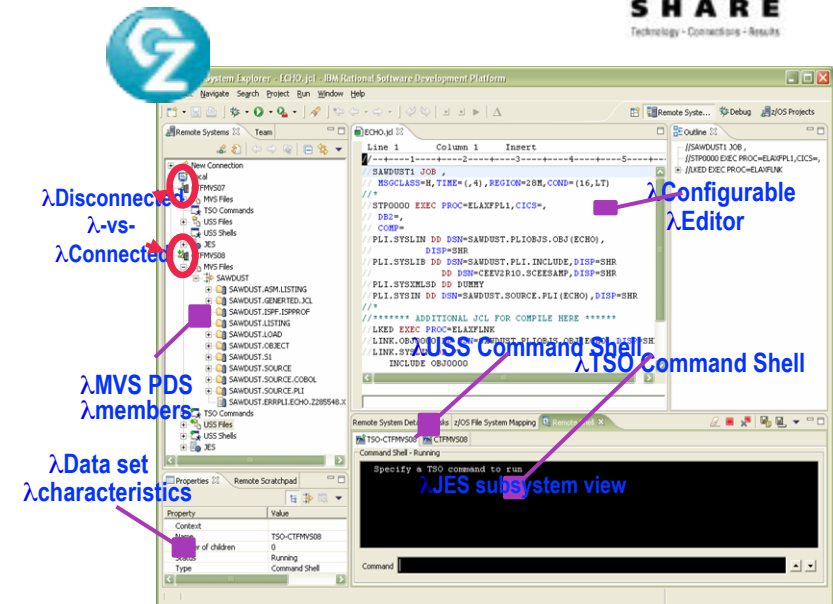
- Eclipse-based IDE speeding modern composite (SOA) application development

## ► RDz supports Enterprise Modernization

- Supports common IDE for COBOL, PL/I, C, C++, HLASM, Java, EGL and web services
- Transforms UML to COBOL source code
- Provides interactive access to z/OS for development, debug, job generation, submission, monitoring, command execution
- Supports new and existing runtimes (CICS, IMS, Batch, USS, DB2 SP, WAS)

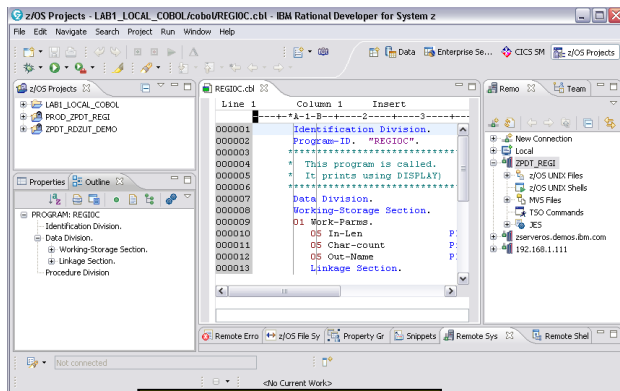
## ► RDz supports SOA

- Enables CICS and IMS applications for web services and SOA
- Supports for J2EE, JCA, XML, web services



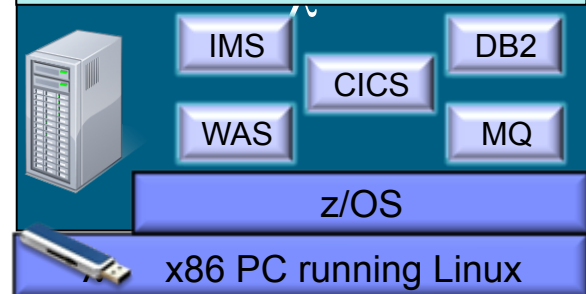


# Using RDz Unit Test Feature



**RDz Client**

COBOL, PL/I, C++, Java, EGL, Batch,  
Assembler, Debug Tool



**RDz  
Unit Test  
(RDz UT)**





[www.ibm/software/rational](http://www.ibm/software/rational)