A System z Developer's Journey Through the Application Lifecycle

Rosalind Radcliffe / Dana Boudreau
IBM
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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 Developer for System z Unit Test (RDz UT)

Rational Team Concert: Workbench for Collaborative Lifecycle Management

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

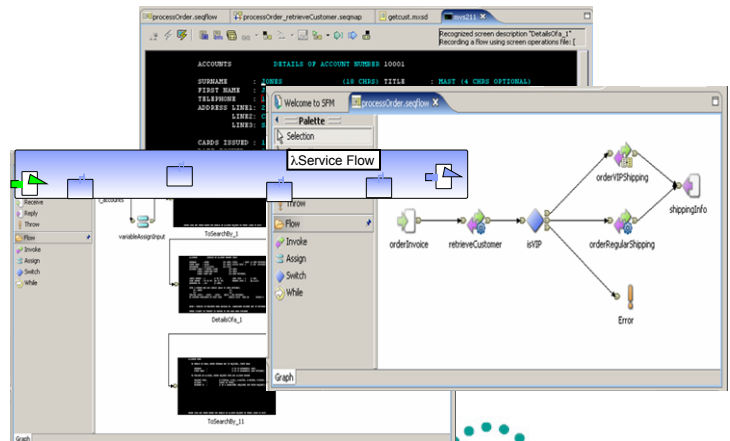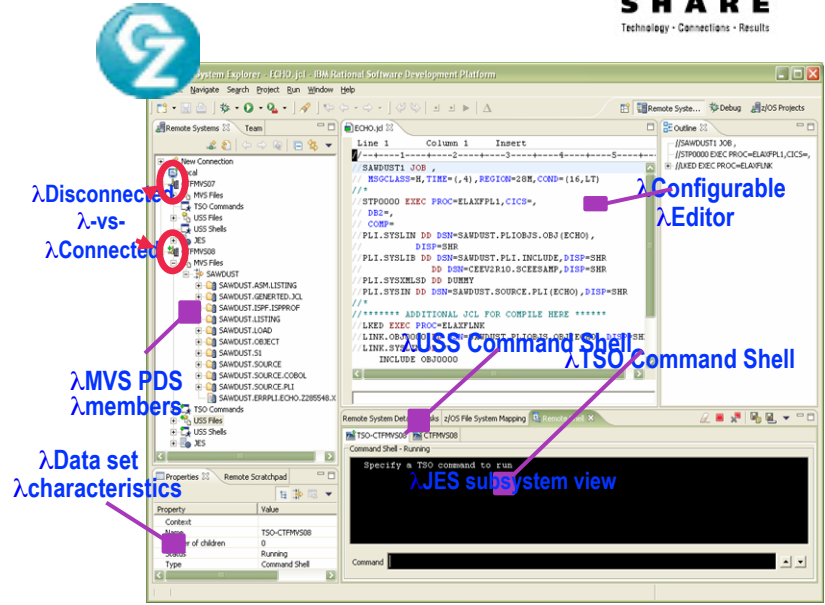# Rational Developer for System z

▶ **What is RDz**
- ▪Eclipse-based IDE speeding modern composite (SOA) application development

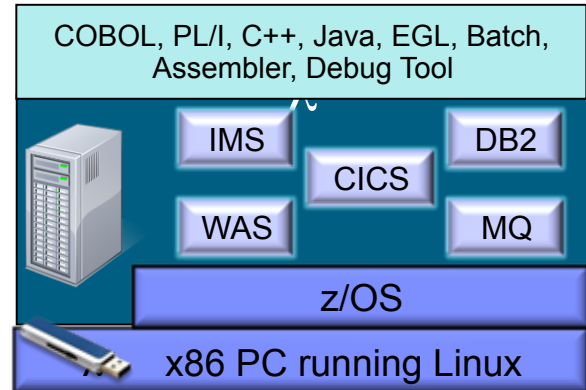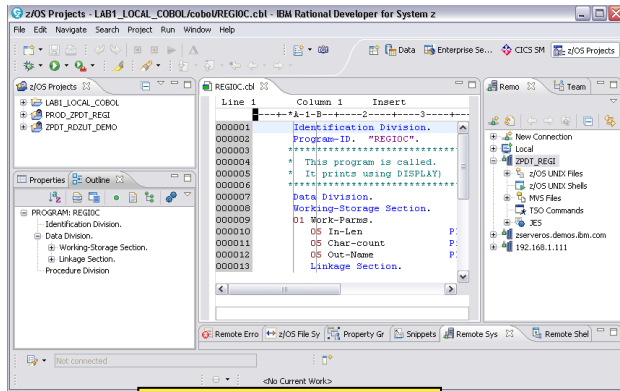▶ **RDz supports Enterprise Modernization**
- ▪Supports common IDE for COBOL, PL/I, C, C++, HLASM, Java, EGL and web services
- ▪Transforms UML to COBOL source code
- ▪Provides interactive access to z/OS for development, debug, job generation, submission, monitoring, command execution
- ▪Supports new 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

λDisconnected λ-vs- λConnected

λConfigurable λEditor

λMVS PDS λmembers

λUSS Command Shell

λTSO Command Shell

λData set λcharacteristics

λJES subsystem view

λService Flow

Complete your sessions evaluation online at SHARE.org/AnaheimEval

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Using RDz Unit Test Feature

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

IMS

DB2

CICS

WAS

MQ

z/OS

x86 PC running Linux

RDz Client

RDz Unit Test (RDz UT)

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