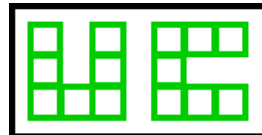


Rational Developer for System z (RDz)

A prototype RDz integrating using SCLM DT, CARMA, Debug Tool, File Manager and Fault Analyzer in a powerful combination designed to achieve a customer solution



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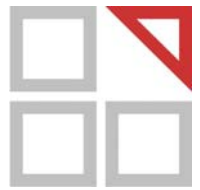
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Customer Environment – the Approach



➤ Customer Environment

- ISPF IDE with a lot of additional in-house ISPF tools (REXX) to support the development process
- Software configuration management using SCLM
- Using CA tools
 - Expediter
 - AbendAid
 - FileAid

➤ The Approach

- Developing a prototype showing that it is possible to support the defined development process (1:1) with RDz based on IBM tools:
 - Reusing the in-house REXX tools
 - Using IBM Debug Tool instead of CA Expediter
 - Using IBM File Manager instead of CA FileAid
 - Using IBM Fault Analyzer instead of CA AbendAid

Prototype Environment



➤ System environment

- Mainframe: z/OS 1.7
 - FlexES Emulation under Red Hat Linux on an IBM ThinkPad T42
- Client
 - Windows XP

➤ Tools

- RDz 7.1
- Debug Tool 7.1
- File Manager 8.1
- Fault Analyzer 7.1
- SCLM DT
 - Customer SCM environment integrated
- CARMA
 - Using CARMA to integrate additional in-house SCM tools which are not supported in SCLM
 - e.g.: generating SCLM architecture definitions
 - Reusing existing REXX procedures

Presentation of the Prototype



- **Developing a COBOL batch program with RDz**
 - **Creating a COBOL program with SCLM DT**
 - **Generating SCLM architecture definitions using the CARMA Interface**
 - **Running an SCLM Build on the generated architecture definition using SCLM DT**
 - **Promoting the built configuration to the test environment using SCLM DT**
 - **Creating the Test-JCL using SCLM DT**
 - **Running the batch program creating an abend**
 - **Analyzing the abend using the Fault Analyzer**
 - **Debugging the program using the Debug Tool**
 - **Modifying a VSAM file using File Manager**

- **Special considerations when developing a COBOL CICS program.**