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Mature Technology Business Model

A "virtual software company" within IBM

| DB2 | WebSphere | Lotus | Tivoli | Rational |

- Development organization

- Marketing organization

- Sales organization

- Services organization

REXX Language Technology

- **Business Status**
  - Continued significant customer use/visibility
    - System z platforms: z/OS, z/VM
- **Products supported**
  - IBM Compiler and Library for REXX on zSeries Release 4
    - Provides improved performance of REXX programs on z/OS, z/VM, z/VSE
    - Alternate Library available for free
      - http://www-1.ibm.com/support/docview.wss?rs=960&uid=swg24006107
      - Executes compiled code as interpreted code
      - Performance comparable to the REXX Interpreter rather than the Library
  - IBM Object REXX for Windows V2.1.0 or later
    - Withdrawn from marketing January 12, 2005 / End of Support effective April 30, 2006
    - Available as open source, supported by RexxLA
- **Continued IBM support for z/OS and z/VM REXX products**
  - Open source decision for Object REXX does not affect compiler & library on System z

REXX Language Technology, continued

- **Other**

  - ## System REXX (SysRexx)
    - 'Server' infrastructure through which REXX may be run outside the normal TSO/E or batch environments
      - ability to initiate REXX directly from operator console
  - IBM Rexx for CICS
    - webpage (http://www-306.ibm.com/software/htp/cics/products/rexx/)
  - Rexx Alternate Library V1.4.0 is packaged is part of the z/OS 1.9 base (September 2007).
    - -- Customers have the option of adding the Library as a LPA, LINKLIST, or STEPLIB.
    - -- Maintenance for the Library is now performed using SMPE. Prior to inclusion in z/OS 1.9, maintenance required a complete re-install of the downloadable package.
    - -- The Library will continue to be available as a downloadable package and installed as a Load Library.
    - -- The Rexx Alternate Library is packaged with CICS. Updates to the Library will be repackaged as part of CICS maintenance and is the responsibility of the CICS team.

SysREXX

- **SysRexx is a Server started early during Master Scheduler Initialization that runs REXX code. It provides an infrastruture through which REXX may be run outside the normal TSO/E or batch environments. It provides the ability to initiate REXX directly from an operator console. A mechanism for CIM (Common Information Model) server indication, instance and method providers to request execution of REXX and system commands, and for the return of parsed operational information. A way for system and application components to leverage the parsing strength of REXX. REXX coding skills are relatively abundant and span operating systems. Faster and simpler development of new Health Checker routines. Simplified operator assist functions. Easy way for web based servers to run commands and functions, and get back pertinent details.**

- **SysRexx can run compiled REXX. This requires either the paid run-time library or the free alternate library be installed on the system. Note, the alternate library is now installed by default on z/OS 1.9 and above.**

REXX standard INCITS/J18

- **July 2006**
  - "In the absence of an INCITS/J18 recommendation, at their July 19, 2006 meeting, the INCITS Standards Development Board (SDB) established a recommendation on the 2006 maintenance action for INCITS 274-1996(R2001), Programming Language REXX, and INCITS 274-1996/Amendment 1-2000.

    During the discussion, the SDB noted that the work of INCITS/J18 is complete and the standard had become open source. The SDB voted by unanimous consent to not reaffirm the two standards. Both standards are presently being processed for withdrawal."

- **October 2006**
  - *"For Action* - IBM Contribution on Withdrawal of REXX Standards

    At the July 2006 EB meeting, the EB approved the withdrawal of INCITS 274-1996(R2001), Programming Language REXX and INCITS 274-1996/Amendment 1-2000. The public reviews on the withdrawals closed on October 9, 2006. Several comments were submitted opposing the withdrawals. Additional comments have been submitted since the documents were posted to this agenda. IBM has submitted a contribution opposing the withdrawals. The following motion was addressed:

    The INCITS Executive Board overturns the action approved at the July 2006 meeting and approves the reaffirmation of INCITS 274-1996(R2001), Programming Language REXX and INCITS 274-1996/Amendment 1-2000.

    The INCITS Secretariat will notify INCITS/J18 and the public review commenters that the EB has reconsidered its previous action and has approved the reaffirmation of INCITS 274-1996(R2001), Programming Language REXX and INCITS 274-1996/Amendment 1-2000. The INCITS Secretariat will initiate the public reviews on the reaffirmation of INCITS 274-1996(R2001), Programming Language REXX and INCITS 274-1996/Amendment 1-2000.

    It was agreed that given this action and subsequent discussion, there would be no action to disband INCITS/J18. "

IBM REXX Positioning

- **"Classic" products managed by an IBM organization specializing in mature technology products**

- **Customers continue to rely on and invest in REXX products**

- **IBM recognizes importance of REXX technology**

- **Latest releases address customer requirements for modern end user interface**

- **Will continue to support IBM REXX and work with customers to ensure ongoing customer satisfaction / loyalty**

IBM REXX will continue to be supported

- **Supported by originating company**

- **World-class skills, people, and strength of offerings**

- **Accelerates application development**

- **Reduces complexity so developers can work at the right level of abstraction**

- **Ensures architectural integrity and ultimate quality**

- **Promotes development of service-oriented architectures**

- **Exploits leading edge technology**

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SHARE Orlando

	Session Title	Sess #	Day, Date	Time
1.	**Rexx Project Opening - Rexx Compiler**	8300	Mon – Feb 25	11:00 – 12:00 PM
2.	**Open Source Rexx and Open ObjectRexx (ooRexx)**	8314	Mon - Feb 25	1:30 - 2:30 PM
3.	**Rexx PARSE: It Slices! It Dices!.........**	8341	Mon - Feb 25	3:00 - 4:00 PM
4.	**Learn to Program in Rexx - Hands-on-Lab - Part 1 of 3**	8301	Tue - Feb 26	8:00 - 9:00 AM
5.	**Learn to Program in Rexx - Hands-on-Lab - Part 2 of 3**	8302	Tue - Feb 26	9:30 - 10:30 AM
6.	**Learn to Program in TSO Rexx - Hands-on-Lab - Part 3 of 3**	8303	Tue - Feb 26	11:00 - 12:30 PM
7.	**Rexx and FTP, Finally a Happy Union!**	8318	Tue - Feb 26	1:30 - 2:30 PM
8.	**The Rexx/DB2 Interface - Execute Dynamic SQL Directly from Rexx!**	8332	Tue – Feb 26	3:00 – 4:00 PM
9.	**Rexx Compound Variables vs. the Data Stack**	8342	Wed - Feb 27	3:00 - 4:00 PM
10.	**Using EXECIO and the Stream I/O Functions in Rexx**	8343	Thu - Feb 28	11:00 - 12:00 PM
11.	**Rexx for CICS**	8335	Thu - Feb 28	1:30 - 2:30 PM
12.	**Rexx Programming Style**	8330	Thu - Feb 28	3:00 - 4:00 PM
13.	**Rexx Power-Tools and Performance Tips**	8331	Thu - Feb 28	4:30 - 5:30 PM