

Now that I have Linux what do I do with my JCL/JECL

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Migrating applications from z/OS and z/VSE to Linux on System z and other UNIX like platforms involves many challenges. One of the challenges is what to do with the JCL/JECL.

JCL acts like the glue that binds the other tools together:

- Invoking batch programs
- Invoking DFSORT and other tools for sorting and manipulating sequential/ESDS files
- Pausing for operator input
- Creating, renaming, and deleting files
- Setting variables (DLBL) to allow varying filenames without changing batch programs
- Printing

bash scripting acts in the same role on UNIX like systems.

This presentation will cover the bash options which must be used to ensure reliable scripts, basic bash syntax and the common elements of JCL and how those elements are converted to bash functions such as:

- Invoking a batch program (including specification of UPSI)
- Invoking tools to replace DFSORT
- Accepting input from the operator
- Using UNIX utilities to create, rename, and delete files
- Using bash environment variables as a replacement for DLBLs
- Converting batch program print output to postscript and *.pdf files

Available for viewing at www.replatformtech.com ; follow the download link.

Bio

Michael has been working IT industry since 1989 when he switched from programming automotive embedded systems.

Since that time he has been involved in projects related to moving mainframe applications to UNIX and Linux using open source technologies. Projects have included a CICS emulator written in C, a source code control and configuration system built on top of cvs, a DFSORT like set of utilities that work similar to sed/grep/sort tools on unix, and a JCL to bash conversion scheme.

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