

WebSphere Java Batch Workshop



Overview

Abstract: Batch processing has been a staple of Information Technology since the very early days of computers. More and more the topic of using Java for batch processing comes up. There is an open standard for Java Batch, and it's known as "JSR-352." IBM has implemented the JSR-352 standard for Java Batch and has added a set of operational enhancements as well. This workshop is designed to focus on IBM's WebSphere Java Batch z/OS solution that is provided as part of IBM Liberty z/OS.

Note: *our focus is z/OS, but many of the IBM Java Batch functions apply to all platforms*

Audience: All are welcome to attend; the workshop aims to help any skill background understand IBM Java Batch. The workshop focuses on the interests and concerns of the IT architect and operational support staff who would be responsible for designing, creating, and maintaining the Java Batch runtime. The workshop covers the JSR-352 open standard at the concept level. But we do *not* get into any deep discussions of Java programming to the JSR-352 open standard.

Duration: This workshop is designed to run **2 days**.

Cost? Like all IBM Wildfire workshops, this is a no-charge technical hands-on offering. The Wildfire program is designed to bring IBM technology to our clients at no-charge so you can experience our solutions and see how it can be used to bring value to your organization.

Enroll? Contact your local IBM representative for enrollment. Or contact Judy Keute: judyv@us.ibm.com

Agenda

Unit 1 – Introduction and Overview

Set context, establish terminology, level-set essential understanding

Unit 2 – Liberty, Server Creation and Setup + Hands-on Lab

Cover the essentials of creating a Liberty z/OS server and enabling the basics of Java Batch

Unit 3 – JSR-352 Concepts + Hands-on Lab

Review the JSR-352 specification and illustrate what it means for building a Java Batch program

Unit 4 – Job Submission and Control + Hands-on Lab

Discuss batchManager, batchManagerZos, job logging, the AdminCenter, and batch events

Unit 5 – Multi-JVM Configuration + Hands-on Lab

Review the setup and usage of the multi-JVM (multiple servers) design for IBM Liberty Java Batch

Unit 6 – Java Batch Security + Hands-on Lab

Review how to "harden" Java Batch security using SAF for authentication, authorization, and SSL

For More Information

Contact **Judy Keute** at judyv@us.ibm.com for more information on this workshop, including enrollment as well as hosting this workshop in your city. For questions about the technical content of the workshop, contact **Don Bagwell** at dbagwell@us.ibm.com.

See the following IBM Techdoc for Wildfire workshop schedules and locations:

<http://www.ibm.com/support/techdocs/atmastr.nsf/WebIndex/PRS1778>

See the following IBM Techdoc for this workshop's material:

<http://www.ibm.com/support/techdocs/atmastr.nsf/WebIndex/PRS5365>

See the following IBM Techdoc for more on IBM Java Batch in general:

<http://www.ibm.com/support/techdocs/atmastr.nsf/WebIndex/WP102544>