Java EE 7 Batch Processing in the Real World

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Why Batch? (Computers)

- Make use of idle resources
- Shift the time of processing
- Manage large repeated work easily
- Shared by multiple users
Batch is in our lives

• By paying bills
• On the grocery
• In traffic
• Cooking food
Why Batch? (General)

• Efficiency

• Focus on a single problem

• Avoid context switch

• Reduce costs
State of the Art

• Spring Batch
• IBM Websphere
• Hadoop
• Java SE, Scheduler, in-house frameworks
The JSR-352

- Batch Applications for the Java platform
- Heavily inspired by Spring Batch
- Available since Java EE 7
- Also designed for Java SE
Demo Time
WoW Auction House

• World of Warcraft is MMORPG
• More than 500 servers in US and EU
• Each server has an Auction Houses
• Trades around 70k items / server / hour
WoW Auction House

• Data available to download

• Let’s process the data

• Extract metrics

• Share the knowledge
Resources

• JSR-352 Specification

• Java EE Samples
  https://github.com/javaee-samples

• Wow Auction House
  https://github.com/radcortez/wow-auctions
Thank you for Attending!

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