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

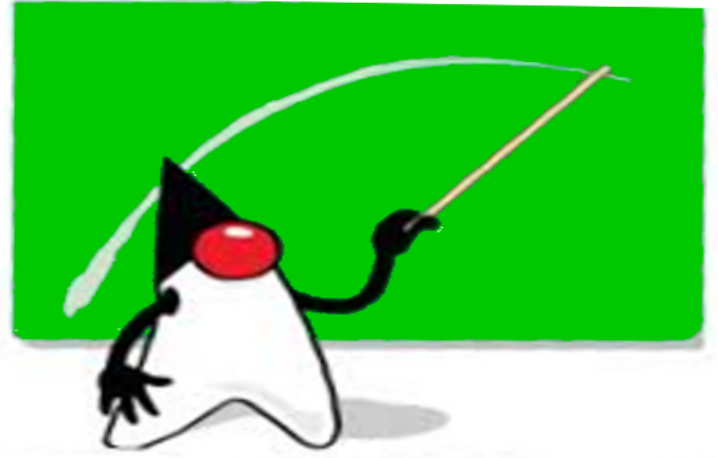- On the grocery

- 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 Wacraft 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
https://jcp.org/en/jsr/detail?id=352

- 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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