## Boss World Content LAS VEG Cluster-wide operations JGroups framework Cluster-wide operations Design patterns Examples yboglaev@ameritrade.com Boss Work



with JGroups

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## Use JGroups directly or JBoss clustering framework?

- It depends...
- For operations similar to HA (object replication and such), probably, clustering framework is ideal
- For operations similar to hot deployment (file transfer to all nodes), probably, JGroups is good
- Don't forget: "... receiving callbacks from clustering framework, ... your code needs to be co-operative with other services using the same underlying HAPartition"
- Using JGroups directly is the possible way to go outside JBossAS (external + CW operations)





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## Conclusion

- Cluster-wide operations are very common tasks in server side development
- Although cluster-wide operations could be implemented under HA, they seem to be coming from another dimension
- They could be included in JBoss development either using JGroups directly or creating separate framework on the top of JGroups
- We have an excellent common denominator JGroups, let's use it in one way or another

Boss World