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# Mesos: A Platform for Fine-Grained Resource Sharing in the Data Center

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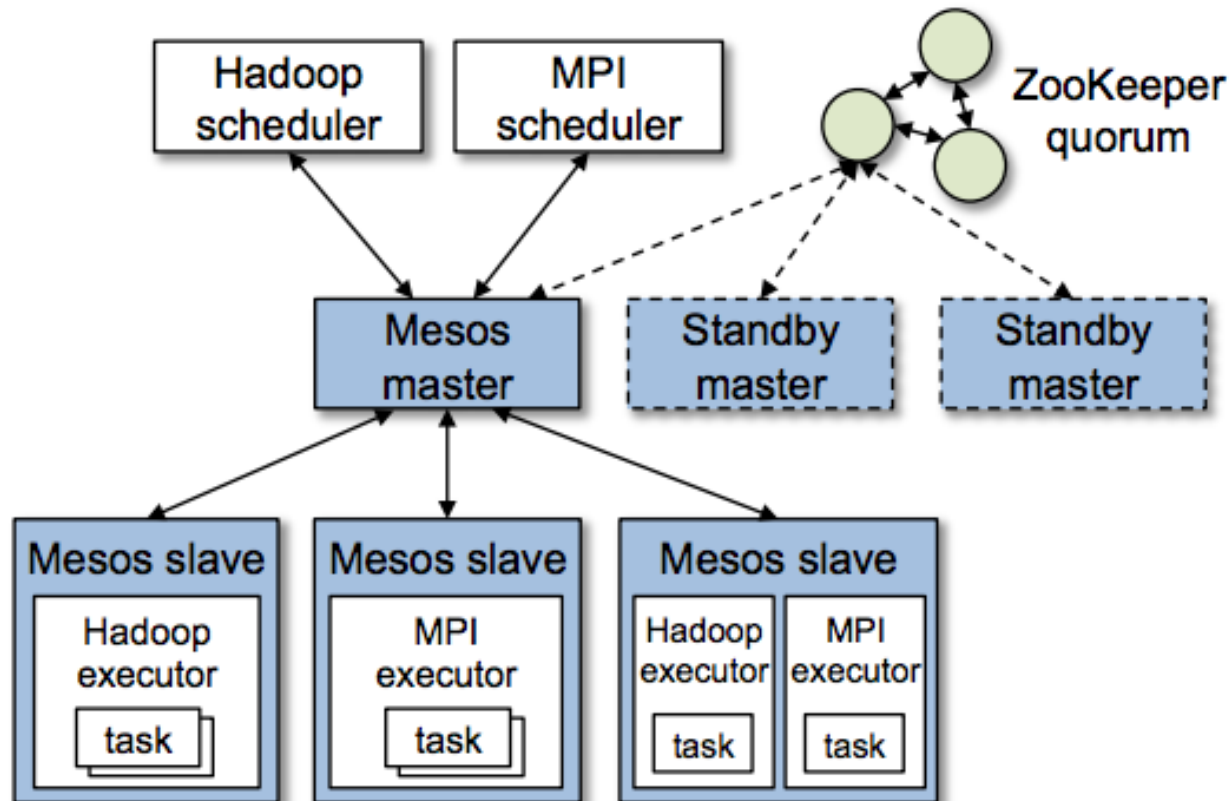
# Motivation

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- Lots of distributed frameworks (Hadoop, Giraph, MPI, etc.)
  - Each manages its cluster
  - Hard to share resources
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# Architecture

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[1] B. Hindman, A. Konwinski, M. Zaharia, A. Ghodsi, A. D. Joseph, R. H. Katz, S. Shenker, and I. Stoica. Mesos: A platform for fine-grained resource sharing in the data center. Technical Report UCB/EECS-2010-87, EECS Department, University of California, Berkeley, May 2010.

# Scheduling

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- Scalability
  - Diverse resource requirements
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# Scheduling

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- Scalability
- Diverse resource requirements
- Solution: 2 level scheduling via offers

