Apache HAWQ in Action
-- Build, Deploy, Debug

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Agenda

• Build and install
• Running and debug
• Demo
Build and Install

• Install dependencies
• ./configure
• make
• make install
Run and Debug

• Setup Hadoop
• Start HDFS
  – HDFS is must, YARN is optional
• hawq init on singlenode
  – Run command
    • hawq init cluster
Run and Debug

• `psql -d postgres`
  – `create table t( i int);`
  – `Insert into t select generate_series(0,1000);`
  – `Select count(*) from t;`
Debug log

• hawq config to change GUCs.
  – hawq command line tools
• log_min_messages
  – DEBUG5, DEBUG4, DEBUG3, DEBUG2, DEBUG1, INFO, NOTICE, WARNING, ERROR, LOG, FATAL, and PANIC
• Log exist in :
  – hawq_master_directory/pg_log
  – hawq_segment_directory/pg_log
  – hawqAdminLogs
Demo
We are hiring GPDB/HAWQ software engineer, please send C.V. to pivotalrnd_china_jobs@pivotal.io
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QA