Distributed data management: polishing a round ball?

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Panelists

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• Goetz Graefe (HP Labs, USA)
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• Dan Suciu (U. Washington, USA)
Opening questions (1):
How far have we gone?

• System R*: 30+ years ago
• What are the distributed data management systems (DDMSs) off-the-shelf today?
• Established formal models?
• Established architectures?
• Biggest success stories?
• Which applications really needed DDMSs?
Opening questions (2)

What’s recent?

• What is the impact of all our work in these areas:
  – Grid computing?
  – P2P networks?
  – Web services?
  – Are these over?

• An outstanding recent result you believe deserves (more) attention?
Opening questions (3): What’s next?

• Should cloud computing have been on the previous slide? :-)
• What is fundamentally new in CC?
• What is still unsolved?
• Do we mostly need:
  – Theory?
  – Systems?
  – Practical applications?