1st WBDB Big Data Benchmarking Challenge

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Objective

Create an extension or improvement to BigBench
- Workload: new queries
- Use case/application: streaming
- Tooling: automation
- New system support: SAP HANA
- Metrics: manageability
- Extensive evaluation: repository
Process

Proposal in form of paper and supporting documents
  ◦ Can be fully implemented or only sketched

Proposals are reviewed
  ◦ Criteria for evaluation: quality, relevance, and completeness

Tentative schedule
  ◦ Submission deadline: October 1\textsuperscript{st}
  ◦ Announcement of winners/ranking: October 15\textsuperscript{th}
  ◦ Presentation of results at WBDB2015.in: December 11\textsuperscript{th}

Award
  ◦ The best submissions will be awarded a $1500 travel stipend
Review Committee

Chaitan Baru – NSF
Milind Bhandarkar – Stealth
Manuel Danisch – bankmark
Michael Frank – bankmark
John Poelman – IBM
Francois Raab - InfoSizing
Tilmann Rabl – University of Toronto
Choonhan Youn – SDSC
BigBench 2.0
Towards a Big Data Pipeline

Multiple independent benchmarks
- Stream, K/V, graph, analytics,…

Integrated suite
- End-to-end scenario
- Application level
- ETL processes

Other requirements
- Auditing
- Multimedia data