

SPEC Research Group Big Data Working Group

FIRST OPEN MEETING - AGENDA AND ORGANIZATION

TILMANN RABL, CHAITAN BARU, MEIKEL POESS - 10/14/2014

Welcome to SPEC RG Big Data!

Please note:

- This is an open meeting.
- Information provided in this meeting, including discussions and statements made by participants, are deemed public statements with no confidentiality requirements.
- They are not subject to any of the SPEC confidentiality rules
<http://www.spec.org/spec/confidentiality.html>



What is SPEC RG Big Data

Continuation of the **Big Data Benchmarking Community (BDBC)**

- Established in 2012 after First Workshop on Big Data Benchmarking (WBDB 2012)
- Informal group of individuals and organizations interested in big data benchmarking

Original founders

- Chaitan Baru (UCSD/NSF), Tilmann Rabl (University of Toronto/bankmark), Milind Bhandarkar (Pivotal/Greenplum), Raghu Nambiar (Cisco), Meikel Poess (Oracle)

Objectives

- Lay the ground for development of industry standards for measuring the effectiveness of hardware and software technologies dealing with big data
- Exploit synergies between benchmarking efforts
- Offer a forum for presenting and debating platforms, workloads, data sets and metrics relevant to big data

Mission Statement

The mission of the Big Data (BD) Working Group is to facilitate research and to engage industry leaders for defining and developing performance methodologies of big data applications. The term "big data" has become a major force of innovation across enterprises of all sizes. New platforms, claiming to be the "big data" platform with increasingly more features for managing big datasets, are being announced almost on a weekly basis. Yet, there is currently a lack of what constitutes a big data system and any means of comparability among such systems.

i.e.:

- Specify big data systems
- Specify big data benchmarks
- Collaboration of industry and academia

Organization

Chair

- Tilmann Rabl, bankmark UG (haftungsbeschränkt)

Co-Chair

- Chaitan Baru, University of California, San Diego

Secretary

- Meikel Poess, Oracle

Release Manager

- TBD

Membership

BDBC continues to be free

- Public calls / presentations / collaborations / workshops / mailing list

SPEC RG Big Data is part of the SPEC Research Group

- Internal calls, voting, organization, mailing list require membership
- USD \$200 p.a. (unless your company is already SPEC member)

Mailing lists

- bdbc@sdsc.edu -> “old” BDBC mailing list
 - We will continue to distribute open information there
- bigdata@spec.org -> new SPEC internal mailing list
 - Requires SPEC membership, has to be activated by SPEC representative

Next Steps

Establish calls

- Biweekly open calls with presentations
- Wednesday, 10am pacific
- Do you want to present?

Position paper

- Present group
- Formulate targets

Questions?

Coming up next:

- André Pansani (SAP Innovations Center)
- The HPI Future SOC Lab