

Social network benchmark task force

Social Network Benchmark Task Force

current members:

- Arnau Prat (UPC)
- Alex Averbuch (Neo4j)
- Gabor Szarnyas (BME)
- Marcus Paradies (SAP)
- Moritz Kaufmann (TUM, Tableau)
- Larri (UPC)
- Peter Boncz (VUA)

internal members:

- Larri (UPC)
- Norbert Martinez (UPC) - leader
- Alex Averbuch (NEO)
- Orri Erling (Openlink)
- Peter Boncz (VUA)
- Andrey Gubichev (TUM)

external members:

- Santiago Murillo (Havas)
 - review specifications
 - will ask permission for datasets
 - semi-public twitter craw 2b uploaded
 - will review specifications
 - datasets?? Larri will ask
- Carlos Gutierrez (Accesso Group)
 - to be confirmed

external references and papers:

- [SIB W3C page](#)
- [SIB Query Choke Points](#)
- [Choke Point Query Coverage Matrix](#)
- [S3G2 data generator paper](#)
- [UPC analysis of graph benchmarks TPCTC 2010](#)

internal links:

- [LDBC Social Intelligence Benchmark Executive Summary](#)
- [SNA Roadmap M7-M12](#)
- [Concall meetings](#)
 - 2012-11-19
 - 2012-12-12 (internal UPC meeting)
 - old version
 - 2012-12-19
 - 2013-01-23
 - 2013-02-06
 - 2013-02-20
 - 2013-03-13
 - 2013-04-10
 - 2013-05-29
 - 2013-06-12
 - 2013-07-10 (interactive workload)
 - 2013-07-11 (query specification)
 - 2013-07-31 (online workload)
 - 2013-08-02 (test data generation)
 - 2013-08-15
 - 2013-09-04
 - 2013-09-18
 - 2013-10-02
 - 2013-10-23
 - 2014-01-09
 - 2014-03-13
 - 2014-04-16
 - 2014-04-24
 - 2014-04-30

- 2014-05-19
- Pre-GraphTA meeting in Barcelona
- TUC Meeting Social Network Task Force
- Schema and Data Generator
 - Comments to the SN Schema
 - DBGEN v1.0
 - Data generation document of work
 - SNA Graph Schema Proposal (removed)
 - dbgen: 6/05/2013 to 10/05/2013
 - SNA Graph Schema Proposal
 - Flashmob post generation
 - Graph Database Benchmark Design Process
 - Schema Definition Methodology
 - SN Graph Schema vs Queries
- Workloads
 - Analytics Workload
 - Business Intelligence Workload
 - Business Intelligence Workload Chokepoint Identification
 - Business Intelligence Workload (OLD)
 - Driver design - Scalable execution of dependent operations
 - Coordinated Omission
 - Requirements for the Output stream of Data Generator
 - Short read queries
 - LDBC SNB Driver: current state & future plan
 - Workload Driver Experiments
 - Interactive Choke Points
 - Interactive Workload
 - Implementation - Virtuoso - SPARQL
 - Implementation - Neo4j - Cypher
 - Implementation - Virtuoso - SQL
 - IW Substitution parameters selection
 - Related Documents
 - RDF vs. Graph Choke Points
 - SNA Interactive queries (TUM)
 - Social Graph Data Access Workloads
 - Substitution parameters
 - Workload Definition Methodology
- SNB Roadmap Jan-Mar 2014
- SNB Roadmap Jun-Aug 2014
- Social Network Benchmark Interactive Mix Execution Rules