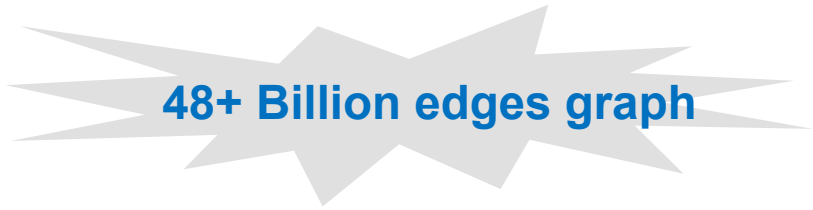
Oracle Spatial and Graph - LUBM 200K on 3-Node RAC X2-4

Load, Inference and Query Performance

- The LUBM 200K Graph has 48+ Billion triples (edges)
  - Original graph has 26.6 Billion unique triples (quads)
  - Inference produced another 21.4 Billion triples
- Data Loading Performance
  - Triples Loaded and Indexed Per Second (TLIPS): **273K**
- Inference Performance
  - Triples Inferred and Indexed Per Second (TIIPS): **327K**
- SPARQL Query Performance
  - Query Results Per Second (QRPS): **459K**



Setup:

Hardware: Sun Server X2-4, 3-node RAC

- Each node configured with 1TB RAM, 4 CPU 2.4GHz 10-Core Intel E7-4870)
- Storage: Dual Node 7420, both heads configured as: Sun ZFS Storage 7420 4 CPU 2.00GHz 8-Core (Intel E7-4820)
256G Memory 4x SSD SATA2 512G (READZ) 2x SATA 500G 10K. Four disk trays with 20 x 900GB disks @10Krpm, 4x SSD 73GB (WRITEZ)

Software: Oracle Database 11.2.0.3.0, SGA_TARGET=750G and PGA_AGGREGATE_TARGET=200G

Note: Only one node in this RAC was used for performance test. Test performed in April 2013.