**TripleRush**

Fast In-Memory Triple Store with a graph-based architecture for massive parallelism

### Index Structure

**Level 1-3** Index Vertices representing triple patterns.

**Level 4** Triple Vertices representing triples.

### SPARQL Query Execution

**Query Vertex**

1. ?X inspired ?Y
   - ?Y inspired ?Z

2. Dylan inspired ?
   - Jobs inspired

3. Elvis inspired
   - Dylan

4. Success

5. Failure
   - No vertex with id [ Jobs inspired ]

6. Dylan inspired Jobs
   - Jobs inspired ?Z


Run on comparable hardware.

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