

Lucene search engine

Query ↓

S1: Parse Query

S2: Get Metadata

Metadata

S3: Get Inverted Lists

S4: Execute List Operations
(e.g., Intersection)

Results

S5: Compute Similarity and Rank

Top-k
Results

Query results ↓

Smart SSD

Get Inverted Lists

Execute List Operations
(e.g., Intersection)

Compute Similarity and Rank

