

**Input Results List**



**Pre-Filter**



**Reranker**



**Diversifier**



**Output Results List**

**Binary Predicate**

*Faces, Text, Blur*

*GeoLocation (Geo), Number of Views  
(Views), Description Length (DLen)*

Lucene-based proximity search

**Greedy Min-Max Similarity Diversifier**

*CN-CORR (CN), SIFT-LSH (SIFT),  
TimeUser (TU), MonthDelta (MD)*