

Interactive Process

UI

Entering Search Query

Entering Search Query

Selecting Credibility Pref

Viewing Results

Result

-> id/URL
-> Title
-> score
-> userId
-> score

Result

-> id/URL
-> Title
-> score
-> userId
-> score

Result

-> id/URL
-> Title
-> score
-> userId
-> score

SearchManager: query String >> Query

FacetSearcher: Search Images by concept tags

List<Result>

List<Result>

Credibility

CredibilityManager
looks up credibility
of User
(Content Creator)

Re-ranking as
Harmonic Mean
of VSM score &
credibility score

Search

Clustering