

MapReduce model for Social Media to sort user-wise score based on Likes, Shares, Comments etc on Various Topics:

Legend:

Post "P" = 50, Like "L" = 20, Dislike "D" = -10, Comment "C" = 30, Share "S" = 40

Input Text file passed to mapper:

(1111,P,history), (1111,S,entertainment), (1111,L,history),(1111,L cosmetics),
(2222,L,sports), (2222,S,sports), (3333, S, photography), (3333, L, art), (3333,P,art)

Mapper output, passed to reducer via Pipes, threads or mmap

(1111,history,50), (1111,entertainment,40), (1111,history,20),(1111,cosmetics,20),
(2222,sports,20), (2222,sports,40), (3333, photography,40), (3333, art,20),
(3333,art,50)

Reducer Output:

(1111,history,70)
(1111,entertainment,40)
(1111,cosmetics,20)
(2222,sports,60)
(3333,photography,40)
(3333,art,70)