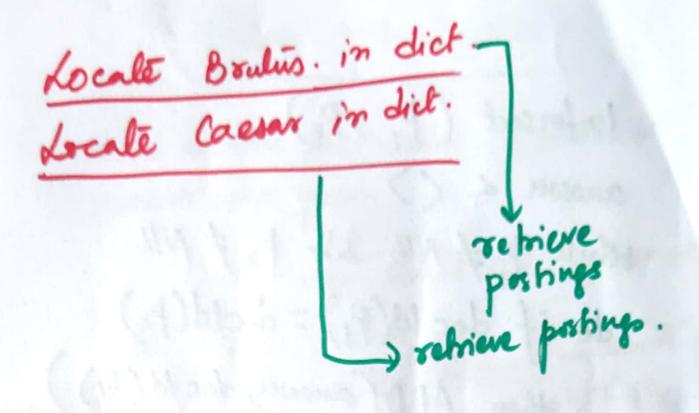


USA Same identity (outity) Normalization: Sequence (Modified tohen, doc 1d). gort by the torms no they occur in Sort by the doc id. Index Built! Process gwy. Boulus AND Caesar.



Intersect (P, , P2) answer + () while p = NIL 22 p2 = NIL do if doc 1d(P1) = doc1d(P2) them ADD (answer, doc 1d (fi)) p, < snextp, p2 < maxtp2 else if docld(P1) < doc ld (P2) then b, < nextp, else p2 - nept p2

return answer.

Query optimization

what is the best order in which we process our query.

query — simple AND of some

of the form across document

frequency - indicator of the

frequency - indicator of the

posting list.

two terms that have the smallest doc frequency.

OR queries.

(madding OR cound) AND (ignisher)

(madding OR cound) AND (ignisher)

Strife)

Estimate the size of the OR?

Fetimate the size of the OR?

Horst case — sum of the

Horst case — doc frequencies.

PROCESS IN INCREASING ORDER OF OR

SIZES

Hor popular de you think is Boolean retrieval?

- Not very popular.

- somewhat popular.

- used to be popularity

Legal IR system: Westlaw HAN. Westlaw. com.

700K users.

- What is the statule of limitalions tost claims act?

LIMITIM/3/STATUTE ACTION/S FEDERAL /2 TORT/3 CLAYM. /3 -> mord mindows (mithin 3 mords)

9 -> Grogle's default interpretation
of the guery [W1 NZ N3 N4
The interpolacion.
WI AND No AND No AND WY.
- When does this not hold!
(i) page contains a raviant of
(i) page contract
mesence of wi in anchor
(ii) presence of wi in auchor zext.
La ambiguity
Order or ambiguity of the guery.
→ SKY AND blue color. → blue AND Sky - video
7 5 Ny min
62.00 AND SKY . ~ video
-> but
-> common AND wealth - games -> weath AND common -> "common sense is you
-) Common in a
-) weath AND common - "common course is you
30001/6