Document-at-a-time Query AND

Query

salt   1/1   4/2

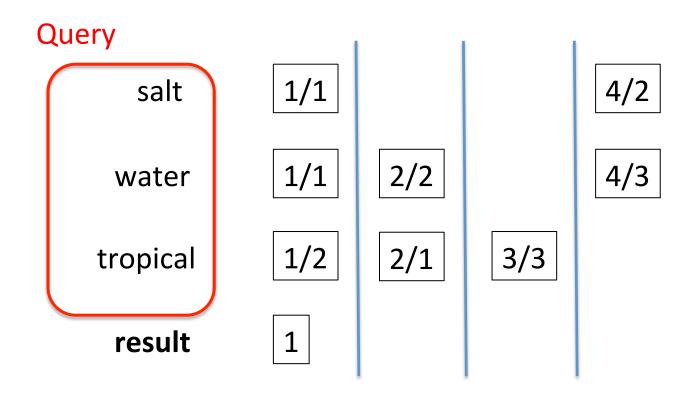water   1/1   2/2   4/3

tropical   1/2   2/1   3/3

result   1

Note: 1. posting format: docID/term-frequency
        2. Postings of each term are sorted by increasing order of doc ID
        3. term-frequency is ignored here

Term-at-a-time Query AND

salt   4/2   1/1

temporary result   4   1

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old temporary result   4   1

water   4/3   2/2   1/1

new temporary result   4   1

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old temporary result   4   1

tropical   3/3   1/2   2/1

new temporary result   1

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result   1

Note: 1. posting format: docID/term-frequency
2. Postings of each term are sorted by decreasing order of term-frequency