

Querying 2

what we want:

Response time; wall clock time needed to evaluate the query plan

This is difficult to get accurate because it depends on current state of system

→ query plan tries to minimize **total resource consumption**

Selection:

file scan - lowest level data access operator
search algo that retrieves records that fulfill a cond.

A1. Linear Search

1. scan each file block

for record(s) in block that satisfy the condition

o.g: seek to get the first block

(depends on if blocks are contiguous)

+ general (correct)

+ works regardless of how files are ordered

- slow