





















- Step 1: Enumerate all access paths for a single relation
 File scan or index scan
 - Keep the cheapest for each interesting order
- Step 2: Consider all ways to join two relations
 - Use result from step 1 as the outer relation
 - Consider every other possible relation as inner relation
 - Estimate cost when using sort-merge or nested-loop join
 - Keep the cheapest for each interesting order
- Steps 3 and later: Repeat for three relations, etc.

Magda Balazinska - CSE 444, Spring 2013

13

Selinger Algorithm Example

- · On the white board
- · This example is in the paper

Magda Balazinska - CSE 444, Spring 2013

14