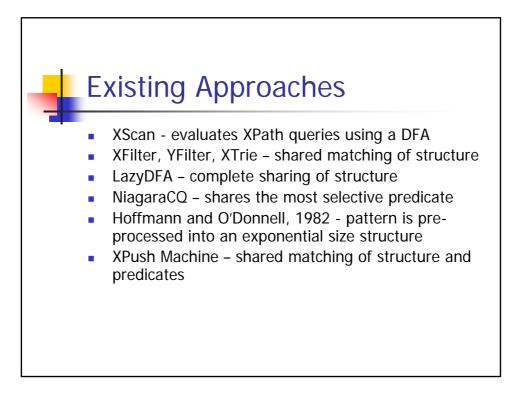
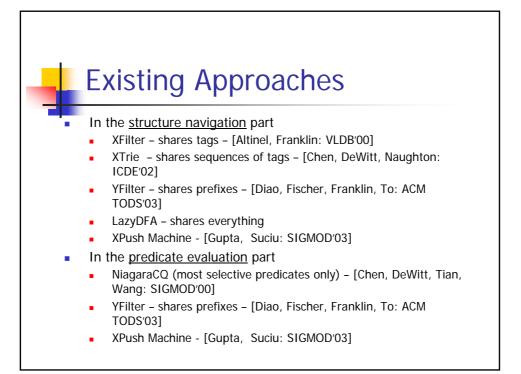
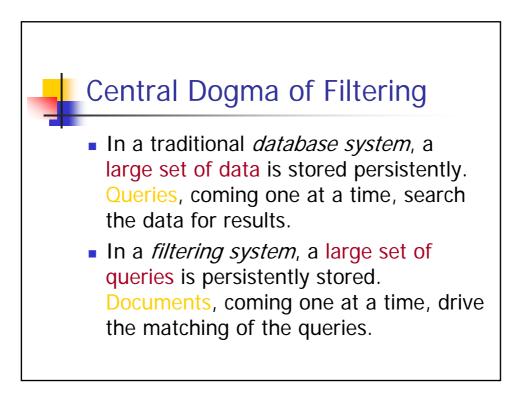


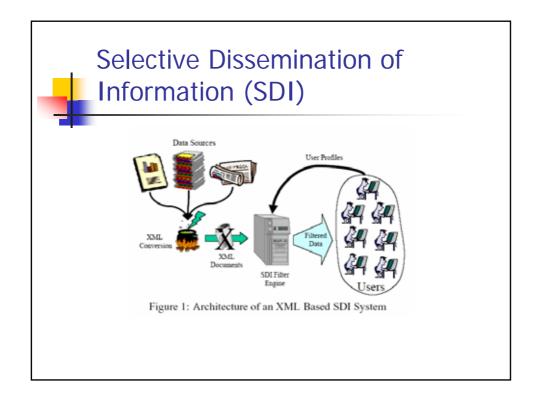
The Problem Given A set of XPath queries Incoming stream of XML messages Compute For each XML message, set of XPath queries it

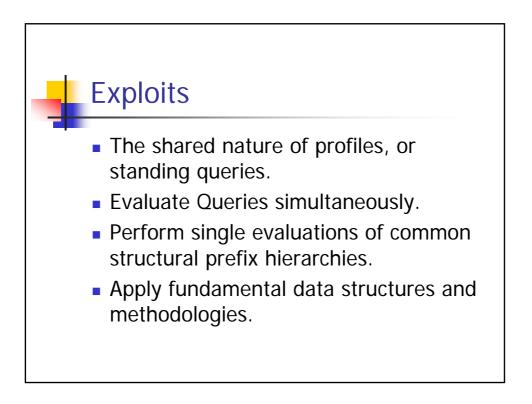
- matches
- A Hard Problem
 - Number of XPath queries is large
 - XPath queries are complex
 - Need high throughput of XML messages

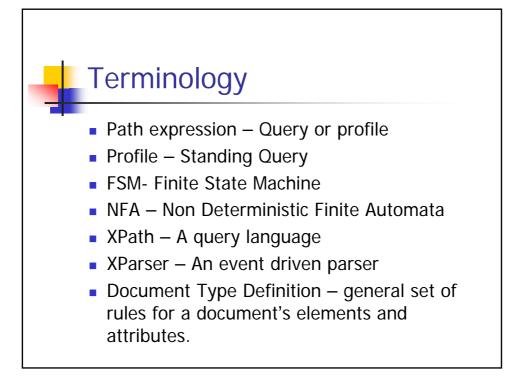


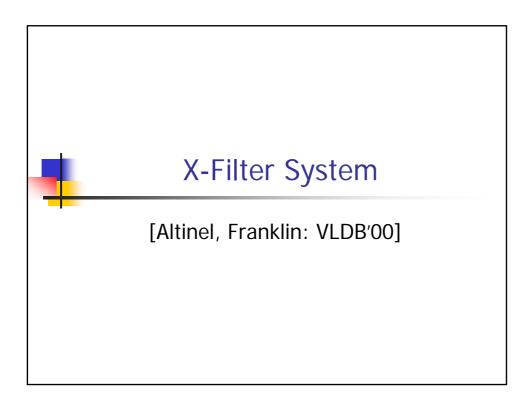


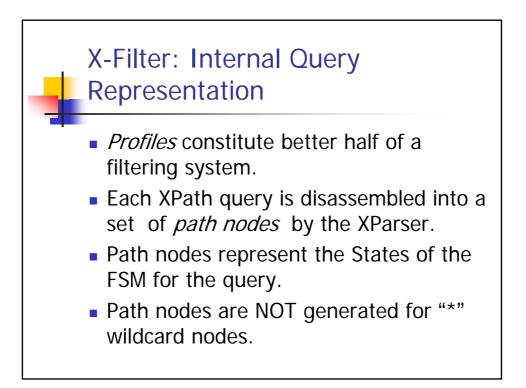


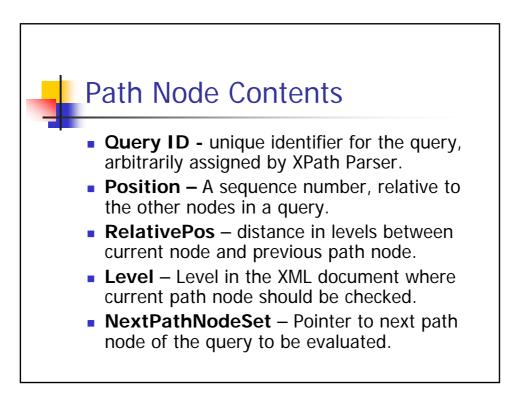


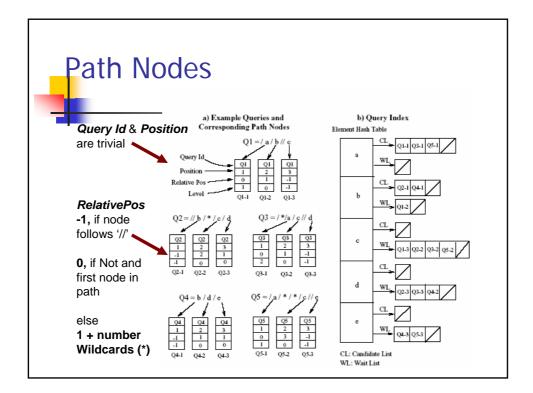


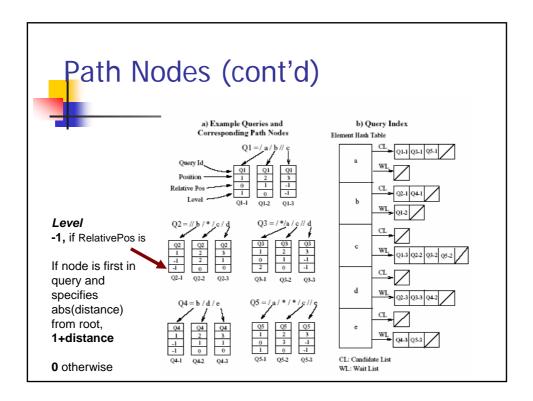


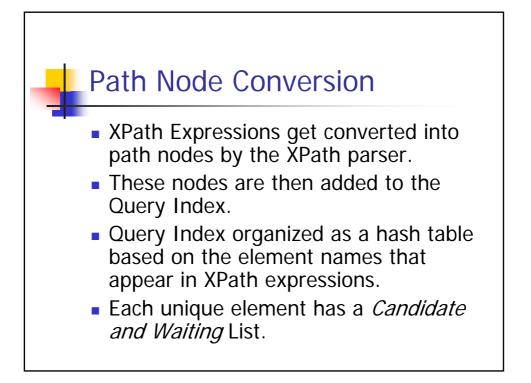


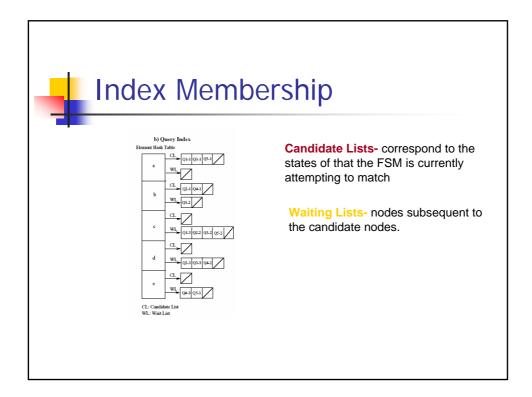


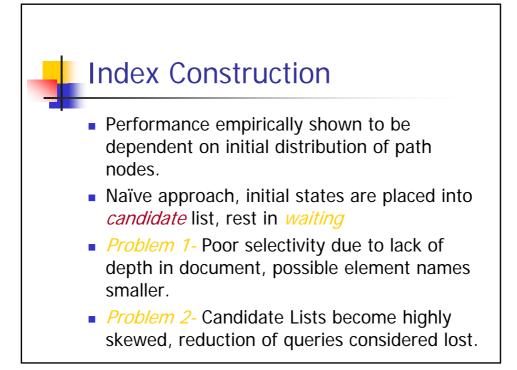


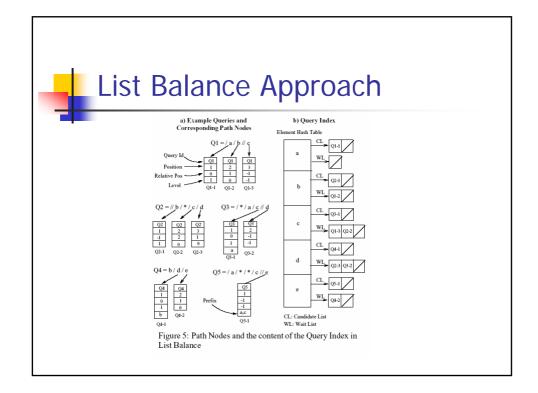


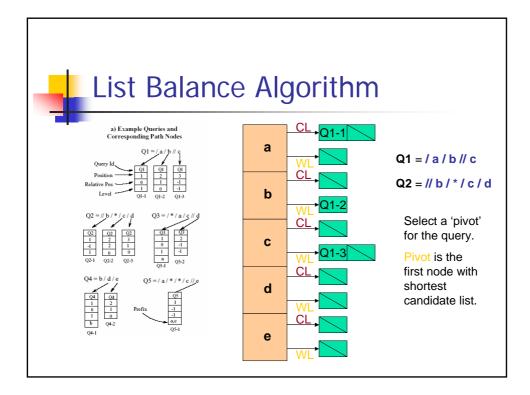


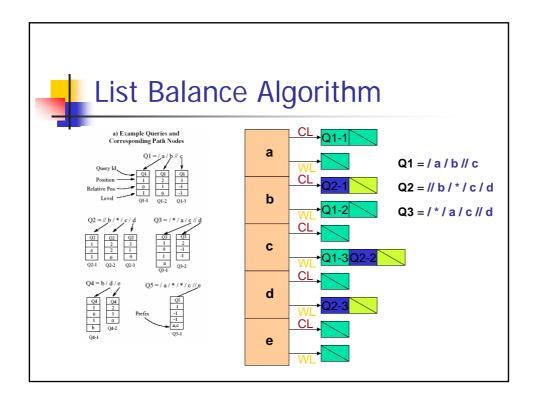


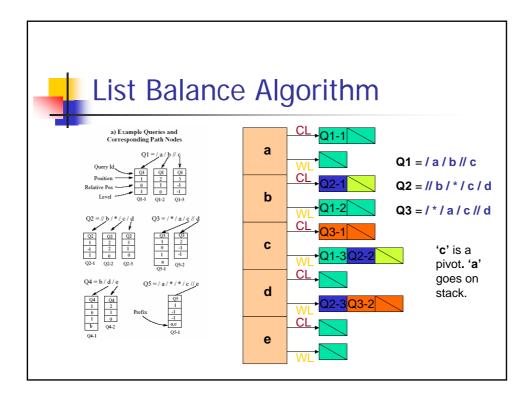


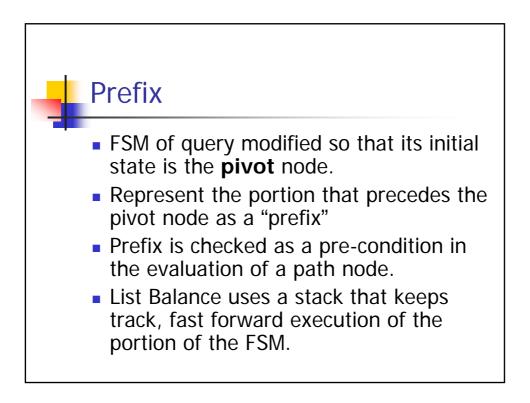


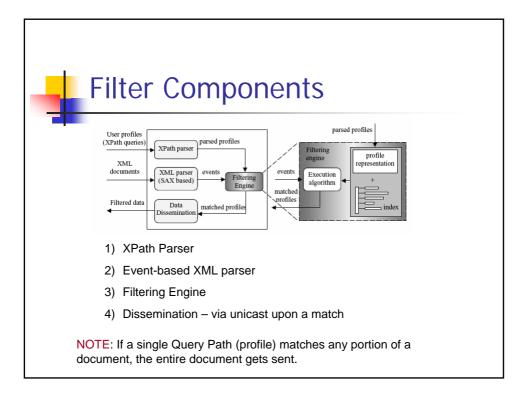


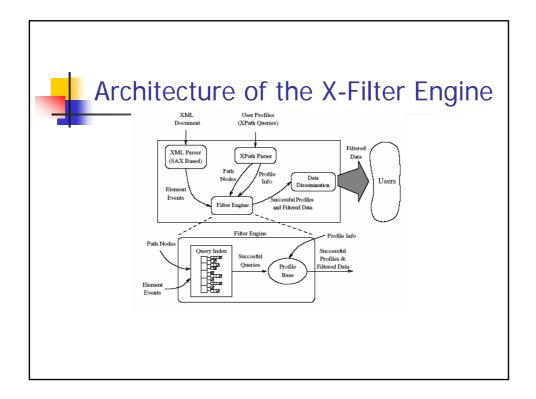


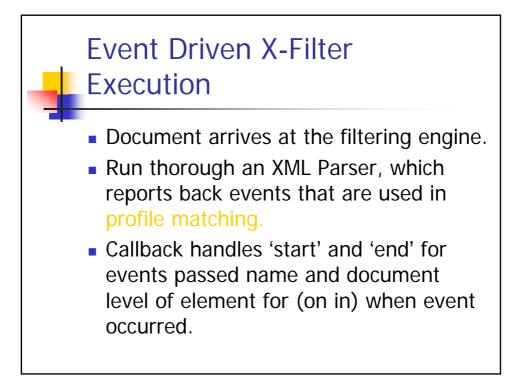


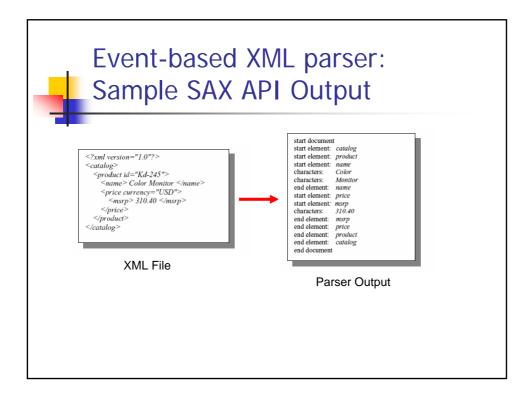


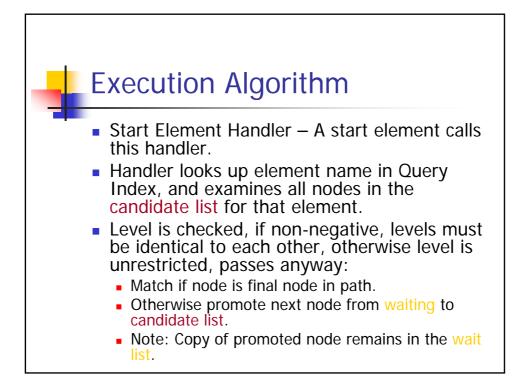


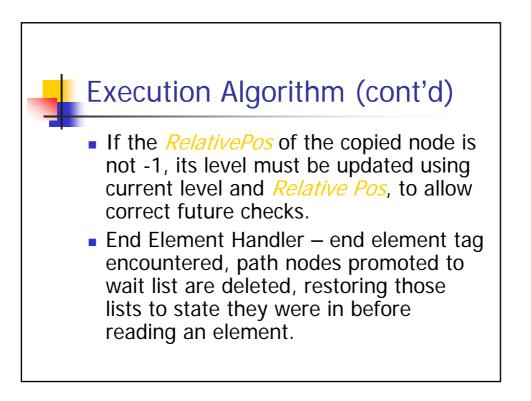


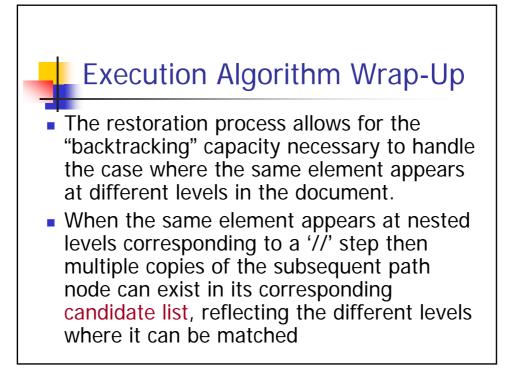


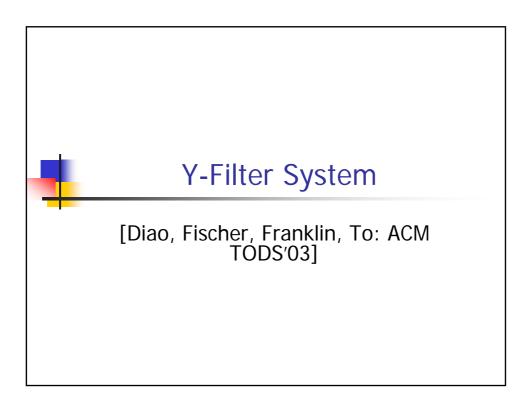














- An NFA-based approach that attempts to exploit the path sharing of profiles.
- Why? Because people are inherently similar, maybe not at an increasing granularity, but assuredly in a general way.
- Two people read the *Times*, one reads the Sports section, the other the Local News, both read the *Fry's Electronics* add.

