

$a_i = y/n/?$

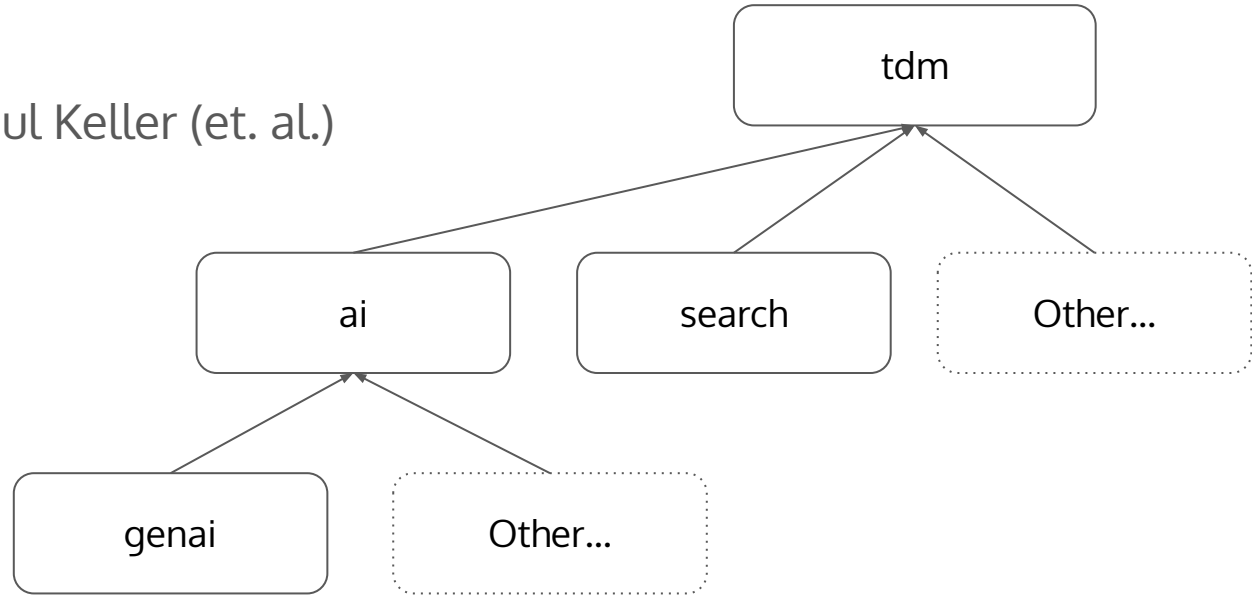
draft-thomson-aipref-sup in four slides

Vocabulary

Uses work from Paul Keller (et. al.)

Adds search

Extensible



Each item is a subset of 0 or 1 other

Attachment

- robots.txt (location-based)
 - Put it where crawlers are so that it scales
 - Usage: `ai=y, search=n` *
- HTTP headers (content-adjacent)
 - Put it where content is, even if the format doesn't support it
 - Content-Usage: `tdm=n, search=y` *
- Content-based not specified (most are outside IETF)
 - Put it with the content so it can't get lost
 - Format is a simple UTF-8 encoded string, suitable for content metadata

* draft-00 contains consistency errors, unpublished version corrected

Processing and Combination

Algorithm is simple

- Each item has a y/n/? state, initially ?
- Parse and update in a ratchet: ? -> y -> n
- Expressions are combined simply (effectively string concatenation)
- Order doesn't matter
- Subsets with a ? at the end use the value from the superset
- ? means "consult local policy"