



## The INEX Interactive Track

- First time at INEX2004, 10 active groups
- Purposes
  - Investigation of user interaction with XML systems
  - Development of XML IR approaches that are effective in user-based environments
  - Feed information back to the ad hoc track
- Few groups had systems → collaborative effort
  Baseline system used by all, 8 searchers per site
  Used CO topics only (NEXI too complex for users)



#### **Relevance Assessments**

- Ideally, we'd like the test persons to assess at least the following for each viewed element
  - The amount of relevant vs. irrelevant information (~ Specificity)
  - How much of the work task that can be solved by the element
  - (~ Exhaustiveness)
  - *Redundancy* in results
  - Overall usefulness/pertinence

#### Problem

- High cognitive load for test persons
- "Natural" browsing behaviour will be effected
- May even be experienced as obtrusive







## Alternatives

- **3.** Less comprehensive, but explicit assessments (e.g., bookmarking)
  - Pros: Not very obtrusive, part of natural search behaviour?
  - Cons: Almost no indication of why an element was bookmarked; many un-assessed elements
- Comprehensive assessments with simple relevance scale
  - Pros: Assessments can be completed faster with a simple scale Cons: No indication of why an element is relevant; fairly obtrusive



# Conclusions

- We'd like a wide range of aspects assessed for each viewed element
- ...but this may prevent natural behaviour, be obtrusive, and undermine the purpose of interactive studies (test persons = a second team of assessors?)

## Points for discussion

- Is bookmarking/simple scale + talk-after interviews a better alternative for getting at the \*why\* of element retrieval?
- Is this setting feasible in a distributed experiment and worth the extra cost?
- Any other data collection methods?