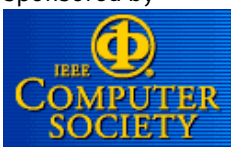
sponsored by



sponsored by

INEX – INitiative for the Evaluation of XML retrieval

Support research within the XML retrieval community by providing the infrastructure for large-scale evaluation of content-based access methods to XML

- testbed with large document collection, topics, and relevance assessments
- effectiveness measures for XML retrieval
- forum for comparison of methods for XML retrieval

49 participants from four continents have registered to the first year of INEX; it is planned to continue INEX on a yearly basis.

Phase 1: Creation of document collection and Topics

documents are provided by the IEEE Computer Society; 60 topics have been created by INEX participants

Document collection	Topics
– IEEE Computer Society's publications – 1995–2002 volumes from 18 journals – 12 107 journal articles; 494 MB – avg 1 532 XML nodes / document – avg path length 6.9	**content-oriented retrieval:** retrieve parts of documents which are most specific with respect to a given information need **content-and-structure:** retrieve parts of documents which are specified by content-oriented *and* structural query conditions

Phase 2: Creation of retrieval runs by participants (ongoing)

Categorization of participant's approaches

IR model-oriented: extend models used in text IR applications for XML retrieval

Database-oriented: extend DBMS for dealing with XML data; incorporate uncertainty weights for ranked retrieval

XML-specific: develop systems and models specifically for XML

System / data structure: deal with system-oriented aspects, like data structures and algorithms for XML

Phase 3: Pooling and relevance assessments (October 2002)

Retrieval runs from participants are pooled and distributed for relevance assessment: for a given topic, assessment is done by the participant who created the topic

Phase 4: Presentation of results (December 2002)

Participants present their approaches and results at the first INEX workshop; proceedings published late January 2003.

Project leader: Norbert Fuhr ‹fuhr@ls6.cs.uni-dortmund.de›
Contact: Mounia Lalmas ‹mounia@dcs.qmul.ac.uk›
Gabriella Kazai ‹gabs@dcs.qmul.ac.uk›
Norbert Gövert ‹goevert@ls6.cs.uni-dortmund.de›
http://qmir.dcs.qmul.ac.uk/INEX/