The XLDB Group at CLEF 2005 ad hoc

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Tumba at CLEF 2005 ad hoc

Objectives
• Evaluate new methods and algorithms for the ad hoc task.

Improvements
• An automatic query generator, QuerCol.
• Implementation of the 'OR' operator on query strings.
• New methods for ranking and merging result sets.
• Topic translations for English to Portuguese bilingual runs.

Architecture

CLEF 2005 ad hoc monolingual & bilingual subtasks

Experiments

Monolingual PT

Manual Query vs Automatic Query

Weight Merge vs Round-Robin Merge

Bilingual EN 2 PT

EBMT Translation vs Babelfish Translation

Results

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Conclusions
- Weight Merge better than Round-Robin Merge
- Manual queries better, but automatic ones had good performance.
- EBMT better than Babelfish, with more relevant results with less retrieved documents.