WiQA @ CLEF 2006

Pilot task overview

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Task definition

- Given an article **P**, find snippets:
  - from Wikipedia articles ≠ **P**
  - in one of the specified languages
  - important for the topic of **P**
  - adding new information content to **P**
- User model:
  - author or reader of **P** who wants to find *more* about the topic
  - E.g., **Philips Records** and **Vertigo Records**

Corpus

- XML dumps of Wikipedias (March 2006)
  - English: 660K, Spanish: 80K, Dutch: 125K
  - Many thanks to Ludovic Denoyer and INEX
- XML annotation:
  - Titles, content, links, wiki markup
  - Simple sentence splitting
  - Automatic categorization: PER, ORG, LOC

Topics and tasks

- Topic = Wikipedia article
  - long / short / stub articles
- 4 tasks:
  - Monolingual: English, Spanish, Dutch
  - Bilingual: English-Dutch
    - topics and snippets in either language
- For each task:
  - 50 topics of PER/LOC/ORG
  - plus 10-17 "optional" topics of other types

System response

- For each topic, a system returns:
  - ranked list of snippets (=sentences)
  - Only top 10 snippets were considered in the evaluation

Assessment

- For each topic each returned snippet manually assessed as:
    - **supported**, i.e., from Wikipedia
    - **important** for the topic
    - **novel** wrt. to the content of the topic
    - **not repeated** wrt. earlier snippets
- Sequential assessment, to save assessors' time

Evaluation measures

- ## Average **yield**
  - # of found "good" snippets / # topics

- ## **MRR** (mean reciprocal rank)
  - of "good" snippets

- ## Overall **precision**
  - # of "good" found snippets / # all found
    - "good" = supported, important, novel, not repeated

Participants

- **English: 6 teams, 12 submitted runs**
  - U. Alicante, U. Amsterdam, U. Essex/Limerick, LexiClone Inc., U. Politecnica de Valencia, U. Wolverhampton

- **Spanish: 3 teams, 4 submitted runs**
  - U. Alicante, Daedalus consortium, U. Politecnica de Valencia

- **Dutch: 1 team, 3 submitted runs**

- **English-Dutch: 1 team, 1 submitted run**
  - U. Amsterdam

Results

	Yield	MRR	Precision
English	1.5–3.4	0.3–0.6	0.2–0.4
Spanish	1.1–1.8	0.3–0.4	0.2–0.3
Dutch	3.2–3.8	0.5	0.4–0.5
English-Dutch	5.0	0.5	0.5

Findings and conclusions

- Wikipedia — useful and interesting multi/cross lingual collection
- WiQA'2006 task:
  - tractable
  - yet challenging
  - evaluation is reliable (inter-assessor agreement)
- Cross-lingual task is not that difficult (!)
- More details at the WiQA breakout session (Fri)

Thanks

- WiQA participants
- Assessors: José Luis Martínez Fernández and César de Pablo-Sánchez (Daedalus consortium); Silke Scheible and Bonnie Webber (University of Edinburgh); Udo Kruschwitz and Richard Sutcliffe (University of Essex); Bouke Huurnink and Maarten de Rijke (University of Amsterdam)
- CLEF organizers and participants

Xtra: Assessment interface

WiQA assessment > Response for topic "Philips Records"

Important: Please read the entire article before assessing the snippets of the response below.

Philips Records

Philips Recordsis the record label of Dutch electronics giant Philips. It was started as Philips Phonografische Industries (PPI) in 1950. During much of the 1950s, it served to distribute recordings made by the US Columbia Records label in the United Kingdom. In 1962 Philips Records and Deutsche Grammophon were linked into the Phonogram Records joint venture.

In the eighties Philips Classics Records was formed to distribute its classics artists.

Philips Records is currently part of Universal Music.

See also

List of record labels

Please assess the ranked list of snippets below. Supported snippets can be assessed for importance, important snippets - for novelty, novel snippets - for non-repetition. Please consult the assessment guidelines for more details on assessing snippets. Your earlier assessments of the snippets are marked with color.

Tip: Use TAB to navigate between the checkboxes.

#	Article title	Snippet text and assessment	
1	Fontana Records	FontanaRecord45Small.jpg right Fontana Records was a record label active in the sixties, as a subsidiary of the Dutch Philips Records. ☑ supported ☑important ☑novel ☑not repeated	^ up
2	Vertigo Records	Vertigo Records was the name Philips Records chose in the sixties for its label to counter the underground labels of its rivals EMI (with Harvest Records) and Decca Records (with Deram Records). ☑ supported ☑important ☑novel ☑not repeated	^ up
3	Mercury Records	The company released an enormous number of recordings under the Mercury label as well as its subsidiaries (Blue Rock Records, Cumberland Records, Emarcy Records, Fontana Records, Limelight Records, Philips Records, Smash Records and	

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