O projecto Processamento computacional do português

Balanço e perspectivas

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Three main areas

- Catalogue of NLP/CL of Portuguese
  the most visible
- Resource distribution and creation
  the heaviest workload
- Evaluation
  the most difficult
Catalogue

- a large collection of links
- maintained on an almost daily basis
- with a search system associated BUSCA
- several utilities
  - consistency checking
  - new category introduction
  - visit statistics
Resources

- AC/DC project
  access to all available corpora of Portuguese with a common Web interface
  parsed corpora available for interrogation (collaboration with Eckhard Bick)

- CETEMPúblico

- COMPARA/DISPARA project
  English-Portuguese-English parallel corpus (collaboration with Ana Frankenberg-Garcia)
More resources

- Sizeable English-Portuguese translation lexicon for MT *(Logos corporation)*
- A treebank for Portuguese
- A set of corpus processing tools
  - sentence separation, tokenization, etc.
  - CGI for Web serving of monolingual or parallel corpora
- Documentation about corpora and their use
Evaluation

- Narrow: English-Portuguese alignment; comparing two corpus processing systems
- Broad: Verb conjugators for Portuguese
- Usability of COMPARA
- Parsing schemes for Portuguese
New projects

- Floresta sintáctica: A treebank for Portuguese
- Book + site on the use of Portuguese corpora
- Evaluation contests

We need to involve all the community working in the processing of Portuguese
Book & site on using corpora

- emphasis on **methodology**
- teaching **how to use** corpora
- eclectic in choice of corpora and encoding
- not constrained in terms of authors / subject
- inspiration: Aston/Burnard 96, Manning/Schütze 99
- international publisher (two parallel editions?)
- call and grant for chapter writing
- suggested exercises
AC/DC in one picture

Textual data ranges from simple text to SGML
Information added: from paragraph marking to parsing the text
Original features of DISPARA

- Inspection of translator’s notes (N.T.)
- Search by alignment type (1:2, 1:1/2, etc.)
- Quantitative display of parallel distribution
- Search in the two directions
- Arbitrarily complex query string in both sides

COMPARA features that differ from ENPC

- Different sizes and parts of the texts
- Alignment unit always one source sentence
- Not TEI-compliant. <title>, <foreign>, <emphasis>, <note> and <add> tags