MPI for Psycholinguistics
PubMan2Plone
pt 1: concepts

Karin Kastens
PubMan Days, Berlin 6 nov 2008
Mpi for Psycholinguistics

• 4 Departments
  – (Acquisition, Comprehension, Language and Cognition, Production)

• 4 Junior Research Groups
  – (Adaptive Listening, Communication before Language, Comparative Cognitive Anthropology, Evolutionary models of Language Change)
Ziel des Einsatzes von PubMan

Pubman als zentraler Eingabepunkt für

– Bi-Annual Report des Instituts
– MPG Jahrbuch
– Publikationslisten für den Fachbeirat
– vierteljährliche interne Staffmeeting Listen
– Publikationslisten auf der Website des Instituts
MPI-PL information flow: sources, PubMan, outlets (JvB 5-2-08)

Librarians  ➔  PubMan
  Book
  Chapter
  Journal article
  Poster
  Proceedings
  Proceedings paper
  Report
  Special issue
  Talk
  Thesis
  Working paper

  Events organized
  Honors/awards
  Journal editing
  Media coverage
  Series editing
  Software/corpus
  Teaching

scientists ➔  www.mpi.nl
  person pages
  project pages
  group pages

Librarians ➔  www.mpi.nl

scientists ➔  Bi-annual Report

projectco’s ➔  FBR complement

secretaries ➔  MPG Jahrbuch

secretaries ➔  various contributors

scientists ➔  MPI on www.mpg.de

press officer & web editors ➔  MPI brochure

1. continuous by-hand information supply
2. continuous automated information flow
3. occasional by-hand information supply
4. occasional semi-automated information supply

6 nov 2008
MPI-PL information flow: PubMan - Plone Interface (JvB 5-2-08)

PubMan
- Book
- Chapter
- Journal article
- Poster
- Proceedings
- Proceedings paper
- Report
- Special issue
- Talk
- Thesis
- Working paper
-...
- Events organized
- Honors/awards
- Journal editing
- Media coverage
- Series editing
- Software/corpus
- Teaching

PPI

www.mpi.nl (plone)
- person pages
- project pages
- group pages

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Events organized
Honors/awards
Journal editing
Media coverage
Series editing
Software/corpus
Teaching

Bi-annual Report
FBR complement
MPG Jahrbuch
MPI on www.mpg.de
staffmeeting lists

continuous automated information flow

6 nov 2008
The overall goal of my research is to understand the nature of sentence- and discourse-level language comprehension, with a particular focus on semantic and referential interpretation, and on how interpretation is coordinated with syntax, phonology, and the wider context of the linguistic exchange. I'm interested in the functional architecture of the systems involved as well as in their realization in the brain. Because of this, I use both classic but proven techniques from experimental psycholinguistics (e.g., self-paced reading, questionnaires) and methods from cognitive neuroscience (EEG and fMRI). (editable in Plone)

Function/Status:  Senior Research Fellow
At the MPI since:  April 2007
Other affiliations:  F.C. Donders Centre for Cognitive Neuroimaging
University of Amsterdam Psychology Department
(Member of the MPI Production Group)

We examined whether people can use their knowledge of the wider discourse rapidly enough to anticipate specific upcoming words as a sentence is unfolding. In an ERP experiment, subjects heard Dutch stories that supported the prediction of a specific noun. To probe whether this noun was anticipated at a preceding indefinite article, stories continued with a gender-marked adjective whose suffix mismatched the upcoming noun’s syntactic gender. Prediction-inconsistent adjectives elicited a differential ERP effect, which disappeared in a no-discourse control experiment. Furthermore, in self-paced reading, prediction-inconsistent adjectives slowed readers down before the noun. Our findings suggest that people can indeed predict upcoming words in fluent discourse, and, moreover, that these predicted words can immediately begin to participate in incremental parsing operations.

The following supplementary materials are available for this paper:

- Dutch item sets for Experiments 1, 2, and 3 ([pdf](#))
- Two Dutch audio samples for Experiment 1 ([consistent](#) / [inconsistent](#))
- Cloze values of discourse-predictable nouns ([spss-sav](#))
- Additional data for all 120 items in Experiment 1 ([pdf](#))
Bibliographische Angaben in PubMan

Titel: Supervised and unsupervised learning of multidimensionally varying non-native speech categories


Zusammenfassung: In this paper, we explore how supervised and unsupervised learning of speech categories can be used to predict speech production in a non-native language. We show that these methods can be used to accurately predict speech production in a non-native language, even when the data is multidimensionally varying.

Schlüsselwörter: Speech perception, speech production, non-native languages
Content stored **inside** PubMan

**GUI**

**XML**

Überschriften content auf Website
Content stored outside PubMan

File Locators

GUI

XML

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Auswahlkriterien

Auswahlkriterien für Publicationlists und Presentationlists

– Author
– Organizational Unit
  • Institute
  • Department
  • Project

Entscheidung für dieses Modell der Org Units

Max Planck Institute for Psycholinguistics

Project A

Department 1

Department 2
Anzeigeoption Status/Jahr

- Publication lists sortiert nach
  - Status
    - "in preparation"
    - "submitted for publication"
    - "in press"
  - Year
    - "2008"
    - "2007"
    - "2005"

Anzeigeoption Type

- Publication lists sortiert nach ‘type’
  - Journal Article
  - Book
  - Book chapter
  - Proceedings
  - Conference Report
  - Proceedings paper
  - Thesis

- Presentation lists sortiert nach ‘type’
  - Talk
  - Poster
  - Teaching
Labels auf PubMan, xml, und der Website

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Migration edoc2pubman

• Anlegen der Organizational Units
• Mapping edoc collections to pubman organizational units
  – Unsere eDoc collections sind PubMan projects
• Mapping eDoc Autoren auf MPIPL departments
  – MPIPL hatte keine affiliations auf eDoc
Interface PubMan - Website

• Website is Plone CMS
• Entwicklung Zest Software
• Nächtdlich harvesten kompletter PubMan MPIPL export
• Export via SearchandExport Service (REST interface)
REST interface

http://pubman.mpdl.mpg.de/search/SearchAndExport_rest_sample.jsp
New Website MPI for Psycholinguistics

PubMan2Plone → Teil 2: interface Jacquelijn Ringersma

6 nov 2008