University of Washington site update

DELPH-IN Summit June 25, 2011 Suquamish, WA

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Previews

- Information Structure (Sanghoun, Varya):
 - Multilingual annotation project
 - Modeling information structure, for eventual library, MT applications
- Metagrammar engineering (Antske)
- Matrix-ODIN Mash-up (David)
- Russian grammar (Varya, with Tania and Yi)
- Text summarization (Prescott)
- agree and n-way unification (Glenn)
- BoaF (Emily, Dan)

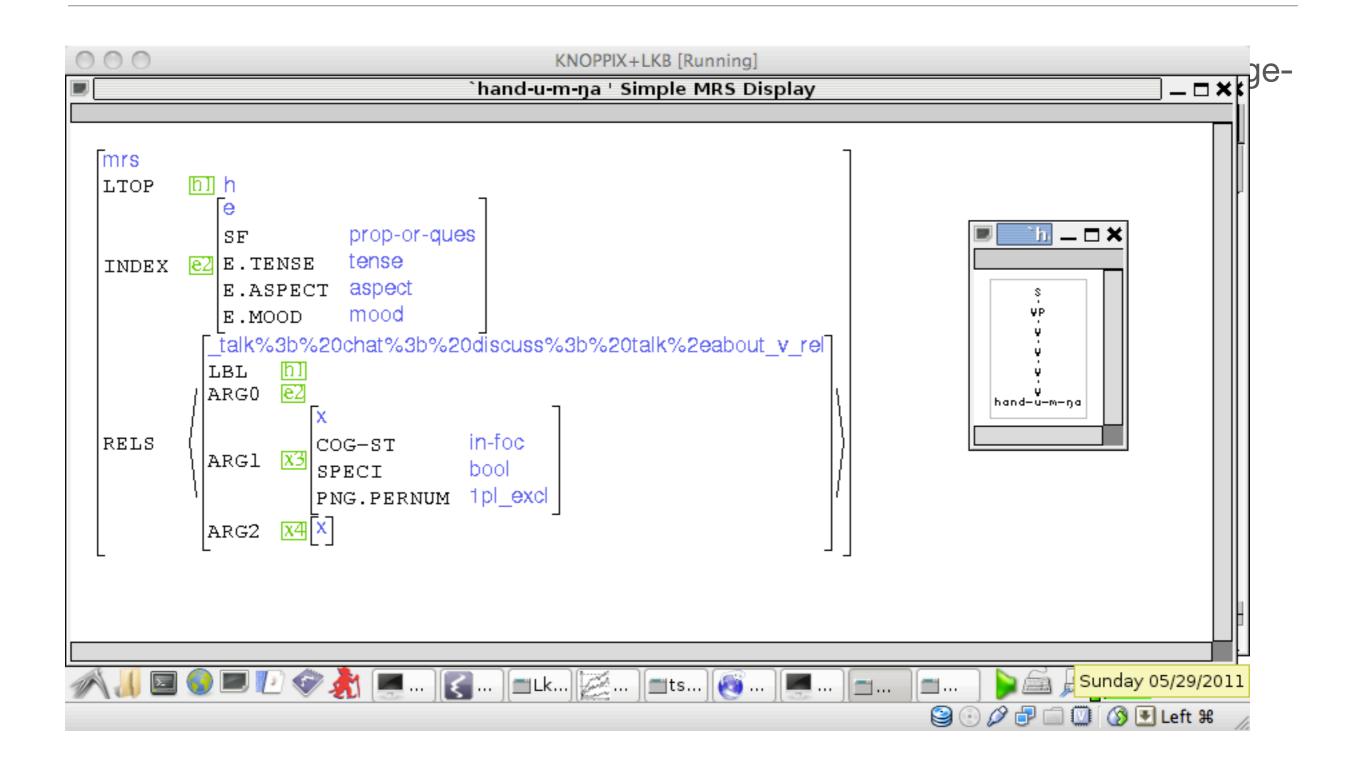
Other activities: Matrix improvements

- Negation library (Joshua)
 - Providing typological foundations; extending range of variation accommodated
 - Exploring how Grammar Matrix approach informs typological questions
- Morphotactics improvements (Mike)
- Questionnaire improvements (esp. David, Mike, Joshua)
- PET compatibility (Mike)
- Nouny-verby features (Laurie) and option to reuse existing types as values (Sanghoun)

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 - >400,000 words of IGT
 - Intend to treebank as much of this as possible, eventually (but distribution will be somewhat complicated)
 - Large lexicon (SIL Toolbox format)
 - Headline property of Chintang: free prefix order within words

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- Progress so far:
 - Functioning analysis of free prefix order
 - Grammar Matrix extension to support bipartite stems
 - Grammar Matrix extension to import Toolbox lexicon
 - "Hello world"



Other activities: Grammar Engineering and Treebanks in Electronic Descriptive Grammars

- Submitted to proceedings of the Conference on Electronic
 Grammaticography (at ICLDC 2011), with Sumukh, Tim and Rebecca
- Promoting grammar engineering to language documentation community
- Use cases for Treebank Search
- Raises issues and opportunities for documentation of implemented grammars

Annual plea for input

- The Grammar Matrix core grammar is meant to be a set of working hypotheses, which evolve when confronted with more and more language data.
- But we rarely get specific bug reports from Matrix users.
- This year, we thought we'd try a new tack...
 - Matrix w/feedback form