

COST Action IC1207

PARSIng and Multi-word Expressions

Towards linguistic precision and computational efficiency
in natural language processing

Working Group 2: PARSING TECHNIQUES FOR MWEs

PARSEME General Meeting
Warsaw, 16 September 2013

WG2 Scientific meeting

Agenda (Sept. 16th)

15:00-15:30 Valia Kordoni and Markus Egg (co-presenters):
"Multiword Expressions and Collocations in NLP: A State of the Art Overview"

15:30-16:00 Jan Šnajder: *"Distributional Semantics of Multi-Word Expressions"*

16:30-17:00 Eric Wehrli: *"Impact of Collocation Knowledge on Sentence Parsing"*

17:00-18:00 Discussion on the WG2 work plan for years 1 and 2

Our proposal for WG2 (cf MoU)

Context

Parsing based on **lexicons** and **grammars** contains mechanisms to express MWEs' properties, but one can notice a:

- lack of expressivity (e.g. how to represent both idiosyncrasies of MWEs and their similarity to regular structures?)
- lack of efficiency (partly related to linguistic ambiguity)

Resources, when available, are difficult to extend/maintain.

Our proposal for WG2 (cf MoU) *continued*

WG2's objectives

- better understanding of the potential of different linguistic frameworks with respect to parsing MWEs,
- enhancing parsing efficiency,
- reducing the cost of grammar production.

Our proposal for WG2 (cf MoU) *continued*

Expected outcomes

- Recommendations of best practices for MWE representation within frameworks
- Extension of existing grammars/lexicons
- Abstract compact models of MWE-specific grammar rules

Where to from here ?

Objectives of today's meeting

- 3 presentations about parsing and/or MWEs by WG members ✓
- Description of WG2 in the proposal ✓
- Briefly introduce each other (cf call for interests)
cf <http://typo.uni-konstanz.de/parseme/index.php>
- Round table to define the future of WG2 (work plan for 2013-2015)

Where to from here ? *continued*

Questions

- Internal organization for WG2: vice-leader, sub-groups, etc
- Use of collaborative tools (dropbox, website, etc) to promote cooperations between WG members
- CFP for the next WG meeting
- Relations with other WGs
- Training Schools, Workshops, Short Missions

Current WG2 members (2013/09/10)

Croatia Jan Šnajder

France Philippe Blache, Yannick Parmentier, Carlos Ramisch, Agata Savary

Germany Markus Egg, Valia Kordoni, Manfred Sailer

Greece Stella Markantonatou

Israel Yaakov HaCohen-Kerner

Italy Giuseppe Attardi

Netherlands Seza Dođruöz

Poland Adam Przepiórkowski

Serbia Duško Vitas

Turkey Gülşen Eryiğit

UK Ann Copestake, Mark Steedman