Olga Caprotti

MOLTO WP10: DISSEMINATION AND EXPLOITATION



Review Luxemburg 15/03/2011

In brief

- Leader: UGOT
- Start: M1, 1 March 2010
- End: M36, 28 February 2013
- Person months: 37pm
- Objective:
 - create a MOLTO community;
 - popularize the technology online demos;
 - synergetic partnerships with the industry



molto-project.eu





MOLTO collaboration tools

- Version control: svn
- Google groups
- DARCS repository
- Drupal authenticated pages
 - eg. filesharing
 - calendar
- Conferencing: skype
- Partner's wikis: UHEL, UPC



Deliverables

- D10.1 Dissemination plan, with monitoring and assessment M₃
- D10.2,3 MOLTO Web Services M3,36
- D10.4 MOLTO Dissemination and Exploitation Report R, M36



Demo: phrasebook





Demo: KRI





Open Access Clause 39

Open access pilot in FP7: ftp://ftp.cordis.europa.eu/pub/fp7/docs/open-access-pilot_en.pdf

OPEN ACCESS (SPECIFIC TO THE THEMATIC AREAS "HEALTH", "ENERGY", "ENVIRONMENT (INCLUDING CLIMATE CHANGE)", "INFORMATION & COMMUNICATION TECHNOLOGIES" (CHALLENGE 2), AND "SOCIOECONOMIC SCIENCES AND THE HUMANITIES", AS WELL AS TO THE ACTIVITIES "RESEARCH INFRASTRUCTURES" (E-INFRASTRUCTURES), AND "SCIENCE IN SOCIETY")

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- immediately if the scientific publication is published "open access", i.e. if an electronic version is also available free of charge via the publisher, or
- within 6 months of publication.



1st year activities

- GF tutorial, LREC Malta, 17-23 May 2010
- EAMT 2010, poster
- CNL 2010, Marettimo
- System demo and poster at ACL 2010,
 Uppsala, 11–16 July, 2010
- System demo and poster at SLTC 2010, Linköping, 28-29 October, 2010
- META-NET Forum



META-NET









Posters

The MOLTO Phrasebook is a multilegual grammar application. showership technics of the Grammatical Researceach, CIF cycles, 31 demonstrates how whate multilegual translations capile derived from an abstract grammar allowing to bissolute from any language to the others. The CP interlings a former on meanings or concepts.

Of other a programming language medicing features from granmar languages to functional programming with subspecial grammar fermalisms and Ingical Economician From the programmer's peoperties, any GP application builds upon a large library of recourse grammum and functors: the GP Severage Granus Library suspectly providing programmatic primitives to handle syntax, swinze and inflection for Il languages with variable coverage.

By Jearing the Supposite aspects to the OF Mounts, on application grammar purflow reports from house shalls to be able to add a new language. Many of the Physiologic grammers were could into astocalculy by generalisation from everyles and grammar induction. from statistical models like Google translate. Various configurations of skills were tested during the development.

OF is distributed for all platforms and Of application grammars can be compiled to Javalloript for one in web browies, irrespectively of the device. This makes GP a convenient tool for fact prototyping of mobile analidingual applications, such as the Phosesbook, Oil the sheld Januforiph Numbers allow to construct a biseafly user interface in which legitimate word shows goods the selection and/or bedrail input. Decemental parting is used to prompt for the possibilities and to produce quasi-increpental translations of infermedials results from worth or complete sentences

The Physodonia is distributed as opensource software, licensed under GNU CCPL from [1]. It is also evaluable retires from the MOLTO project web pages, as a dense and as a mobile application for the Andread platteres. Fall-back to statistical translation is currently implemented just as a firth to Google translate, however in future versions, GP will be integrated with taker made statistical models.

The MOLTO Phrasebook

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MOLTO's goal is to develop tools for web content providers. to translate texts between multiple languages in real time with high quality. Languages are separate modules in the tool and can be varied; prototypes covering a majority of the EU's 23 official languages will be built.







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Tools for Multilingual Grammar-Based Translation on the Web

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Projects meetings

- Kick Off meeting, Barcelona, Mar2010
- 1st Project Meeting, Varna, Sept2010
- GF Tutorial for UHEL, Helsinki, May2010
- GF meets SMT, Göteborg, Nov2011
- 2nd Project Meeting, Göteborg, Mar2011



Forthcoming activities

- GF Summer School 2011, August 15-26, Barcelona
- CADE 2011 GF Tutorial
- FreeRBMT 2012, June

GF Summer School

Frontiers of Multilingual Technologies

Bercelone, 15-26 August 2011

http://school.grammaticulframswork.org



GF, Grammatical Framework, is a multilingual grammar formalism based on the idea of a shared abstract syntax and mappings between the abstract syntax and concrete languages. GF has

hundreds of users all over the world. The summer school is a collaborative effort to create grammars of new languages in GF and advanced multilingual GF applications. The new grammars are added to the Resource Grammar Library, which currently has 18 languages. Applications are parsing and generation programs compiled from GF grammars and usable as parts of programs written in other languages: e.g. Haskell, Java, Python, and JavaScript. GF applications can also be run on Android phones. Moreover, the school will address hybrid systems combining GF with statistical machine translation (SMT).

Topics: Introductory and Advanced Tutorials on GF, Type Theory, SMT, Parsing and Multilingual Application Development Registration and Contact school grammuticalitamework ong

Registration and Contact school grammaticalitamess

Location: Vertex Building, UPC, Barcelona

Organizers: O. Caprotti, L. Marquez, A. Ranta, J. Saludes, S. Xambó

Travel Grants: Via application procedure

Spensors: CLT Gothenburg, MOLTO EU FP7-ICT-24/914, UPC



MOLTO Community

Add our new contacts

