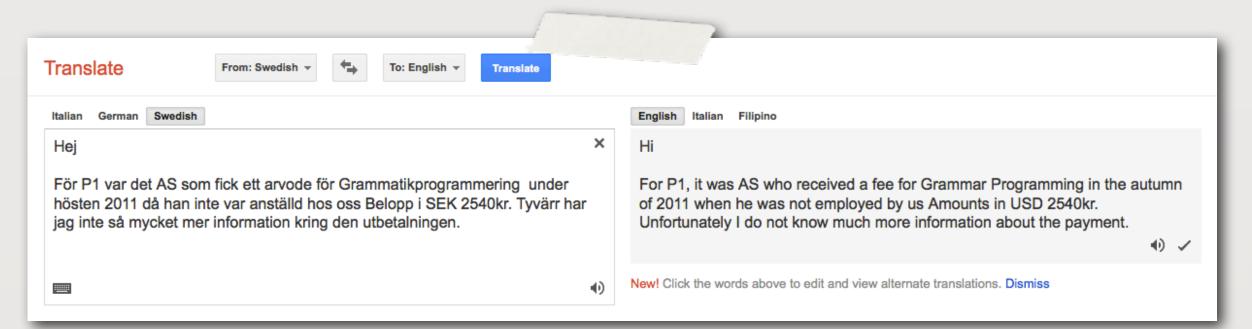
Many web-sites today are transparently using web MOLTO case studies are characterized by the usage of a *translation systems with statistical machine translation*. services based on statistical machine translation to restricted language since it is impossible to combine large Data sets, available in a machine readable form, like the provide multilingual versions. Wide coverage comes at coverage with high precision in automatic translation. Resource Description Framework, or the Web Ontology the cost of some translation errors. It is obvious that in Adoption of high-quality restricted language Language, are used to construct a knowledge case of e-business, quality demands the correct translations has been hindered by: representation infrastructure that can be queried in a meaningful way using natural languages. translation of currencies.



Your plans for Wednesday, August 3

[Flight] 8/3/2011 easyJet(U2) #2656 dep CPH 5:05pm CEST arr MXP 7:10pm CEST; Olga Caprotti; conf #EJ3SX2G Booked on http://www.easyjet.com/; http://www.easyjet.com/; 0905 821 0905; Total Cost: €98.52

tinerary: Expand I Collap	se		🗎 Details Ι 📖 Ma
Thu, May 24	🧿 Milan, Italy - Avg: Hi 23°C	/ Lo 13ºC	+ Add Plans
8:30 PM CEST	Copenhagen (CPH) to	o Milan (MXP) -	Options -
	easyJet 2656 - Conf # Aircraft Airbus A319 nonstop 2h, 05m 1,156 km	EJZS8G2	
	Depart: Copenhagen (CPH), 8:30pm CEST Arrive: Milan (MXP), 10:35pm CEST, terminal 2		
	Passenger Olga Caprotti	Booking Informati Booked on easyJet http://www.easyjet.c 0905 821 0905 Total Cost: \$1,005.0	com/

 development cost for a new domain or language, * learning curve for authoring texts in a restricted

language. MOLTO radically decrease tools developing translators restricted language entrusting the linguistic aspects to the Grammatical few basic skills to be able to add a new language.

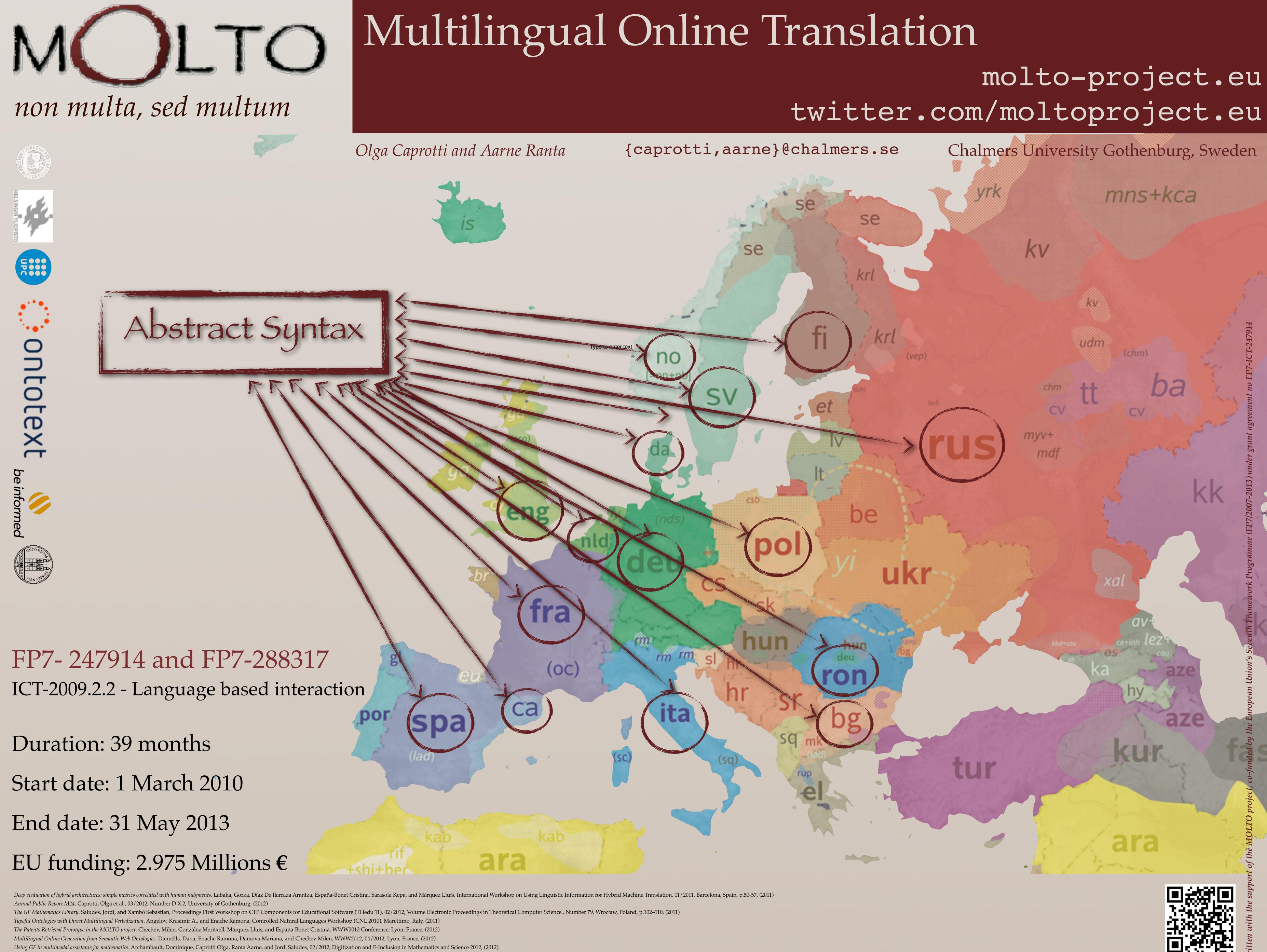
Feature	Current	Projected
Languages	up to 7	up to 15
Domain size	100's of words	1000's of words
Robustness	none	open-text
Cost/domain	months	days
Cost/language	days	hours
Learning (grammarians)	weeks	days
Learning (authors)	days	hours

Combination approaches aim to integrate grammarthe effort of based and SMT models in a hybrid, robust MT system by to improve quality in unconstrained text translation. Variants under consideration include soft integration in Framework (GF) libraries.: a grammar author needs which phrase pairs or tree fragment pairs, generated by GF, are integrated as discriminative probability models in a phrase-based SMT system. The testbed application for this research activity is information retrieval from patents in the pharmaceutical domain.

	GF	Une utilisation selon la revendication 3, dans laquelle le médicament séparé est administré at the same time as
	SMT	Utilisation selon la revendication 3, dans laquelle le médicament séparée est administré en même temps que
	HI	Une utilisation selon la revendication 3, dans laquelle
c	SI0.5	le médicament séparé est administré en même temps que… Utilisation selon la revendication 3, dans laquelle le médicament séparé est administré en même temps que…
	Ref.	Utilisation selon la revendication 3, dans laquelle le médicament séparé est administré en même temps que

MOLTO is also exploring the two-way *interoperability* of with Semantic Web conceptual models grammars (ontologies) and hybrid models of combining rule-based

MOLTO is a European project in the computational linguistic field to develop tools for real-time multilingual translation of web documents with high quality. The approach is based on the Grammatical Framework used in combination with techniques from the semantic web and from statistical machine translation. MOLTO aims to provide technology which can simultaneously tackle issues arising from the following scenario for real-time machine translation of web documents: production of translations in several languages, maintainance of consistency between localized versions in spite of asynchronous collaborative authoring with frequent edits, and grammatically and stylistically flawless text. The number of languages to be covered in the translations is 15, including 12 of the 23 official languages of the European Union: Bulgarian, Danish, Dutch, English, Finnish, French, German, Italian, Polish, Romanian, Spanish, and Swedish. The 3 non-EU languages are Catalan, Norwegian, and Russian.





A Hybrid System for Patent Translation. R. Enache, C. España-Bonet, A. Ranta, L. Màrquez, Proceedings of EAMT 2012, May 2012, Trento Italy.

GF Eclipse Plugin: an IDE for grammar development in GF. John J. Camilleri, Krasimir Angelov, Proceedings of EAMT 2012, May 2012, Trento Italy.