## PROMT DeepHybrid System for WMT12 Shared Translation Task

target

corpus

parsing

phrases

## PROMT DeepHybrid SYSTEM

Baseline RBMT engine enriched with

- Statistical Post-Editing (SPE) component
- LM component

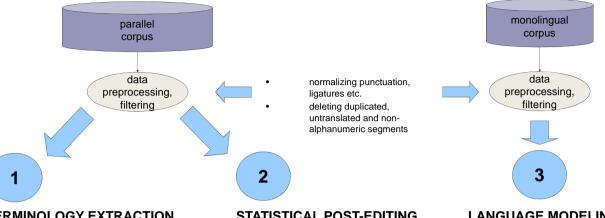
### **TRAINING**

- fully automated
- every step can be tuned separately
- processing plain text and XML/TMX formats
- substantial data filtering

### **TRANSLATION**

- faster and lower memory than SMT-based post-editing system
- statistical post-editing data controlled by RBMT engine more morphological and syntactic accuracy

# TRAINING TECHNOLOGY



### **TERMINOLOGY EXTRACTION**

alignment

phrase pairs

bilingual

glossary

extracted

dictionary

source

corpus

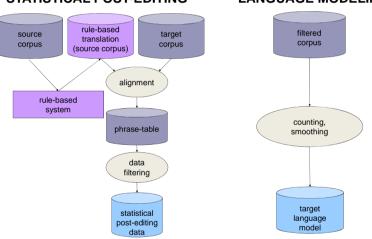
parsing

syntactic

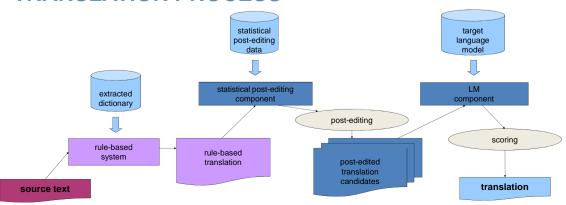
phrases



#### LANGUAGE MODELING



### TRANSLATION PROCESS



### BLEU Scores for newstest2012

English-French	English-Spanish
24.80	28.60

