





# Extending the adverbial coverage of a French morphological lexicon

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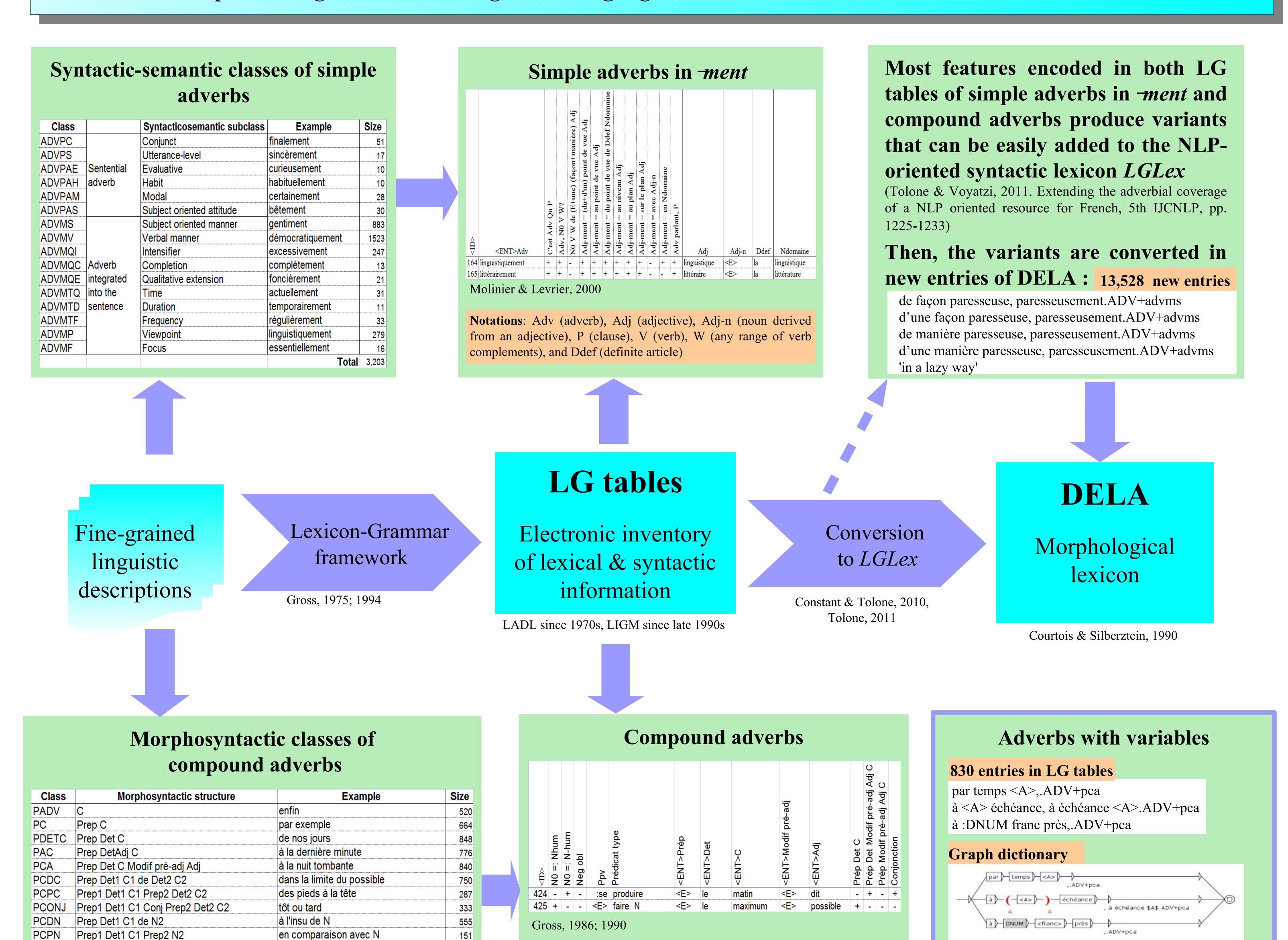
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### SUMMARY

We present an extension of the adverbial entries of the French morphological lexicon DELA (Dictionnaires Electroniques du LADL / LADL electronic dictionaries). Adverbs were extracted from *LGLex*, a NLP-oriented syntactic resource for French, which in its turn contains all adverbs extracted from the Lexicon-Grammar tables of both simple adverbs ending in *ment* ('-ly') (Molinier and Levrier, 2000) and compound adverbs (Gross, 1986; 1990). This work exploits fine-grained linguistic information provided in existing resources. We obtained 23,389 final entries by merging 9,038 initial entries and 21,593 new entries in lexicon DELA. The resulting resource is reviewed in order to delete duplicates and is freely available under the LGPL-LR license, at the following site:

http://infolingu.univ-mlv.fr/english > Language Resources > Lexicon-Grammar > Download



#### RESILTS

Prep V Prepv Detv Cv

(V) comme Prep Det C

ConjC Det C1 Prep C2

(Adj) comme Det C

(V) comme Det C

#### FUTURE WORK

**Encoding of features**: + (binary, valid), - (binary, not valid),

(conjunction), and C (noun tied with the rest of the adverb)

Notations: Prép (preposition), Det (determiner), Adj (adjective),

Modif pré-adj (pre-adjectival modifier), N (noun), V (verb), Conj

<E> (lexical, empty)

Sagot et al., 2006; 2010

# RELEX network

à brève échéance, à échéance brève. ADV+pca

**Entries in DELA format** 

par temps pluvieux,.ADV+pca

à cinq francs près,.ADV+pca

par temps sec,.ADV+pca

	without	with
	variables	variables
Initial entries in DELA	9,036	/
New entries from LGLex	21,898	952
New entries from LGLex	20,757	830
(without duplicates entries)		
All entries	29,793	/
All entries	22,564	/
(without duplicates entries)		

ConjS (Det0 C0 + N0) V Prep1 (Det1 C1 + N1) jusqu'à ce que mort s'ensuive

à dire vrai

(fidèle) comme un chien

mais aussi et surtout

(travailler) comme un chien

(disparaître) comme par enchantement

285

396

338

**Total** 7,283

Conversion into the Lefff format

FRMG
French
Meta-Grammar
WordNet

More than twenty research teams in Computational Linguistics have been working on the construction of LRs using identical methods within the Lexicon-Grammar framework. LG tables of adverbs are available in French, English, Portuguese, Spanish, German, Italian, Korean and Modern Greek, at: http://infolingu.univ-mlv.fr