

Annotating French MWEs for French L2 learning

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WG1 (WG1.2)

Goals

- 1) create a CEFR-level corpus, containing verbal MWEs, automatically annotated with VarIDE (Pasquer et al., 2018)
- 2) create a lexical database of MWEs annotated with CEFR level

Motivation and context

- Knowledge of MWE is crucial for L2 learners (Bahn and Eldaw, 1993)
- language acquisition depends on the category of MWEs (Syanova, 2017)
- Few French digital ressources annotated with CEFR level : (Alfter and Graën, 2019) or FLELex (Tack et al., 2016), but few MWEs available
- French Reference level descriptor : paper format (Beacco and Porquier, 2007), (Beacco, 2008), (Beacco and Porquier, 2008), (Beacco et al., 2011), (Beacco et al., 2004) : few MWEs described
- Context: the ANR project STAR-FLE (2024-2028)

Definition and categories

- MWEs are sequences of words, which might be discontinuous, presenting at least two lexical, statistical, syntax or semantic idiosyncrasy (Constant et al., 2017)
- **Specific types of verbal MWEs (difficult for L2 learners)** : idioms, collocations, fixed expressions

Idioms :

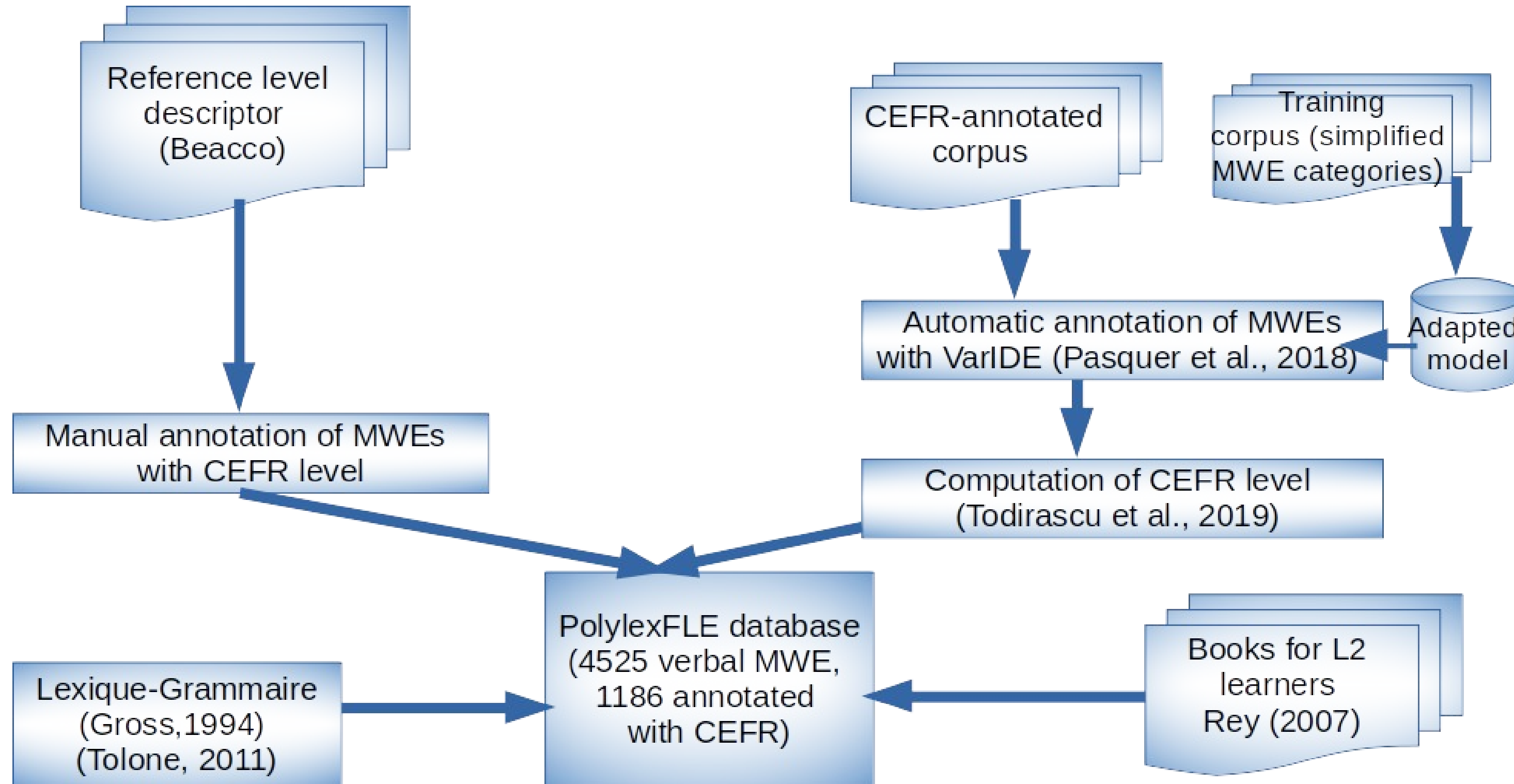
-non-compositionality:
mettre les pieds dans les plats 'to put your feet in it';
-fixed/no determiner,
-impossible syntactic transformations

Collocations :

-strong lexical preferences
(*poser une question*, but not **demander une question* 'ask a question');
-the sense is more compositional
-syntactic variation

Fixed expression:

expressions with a head verb (*être sans reproche* 'to be without reproach', *être d'accord* 'to agree'), but the object is fixed and lexicalized



Corpus for MWE extraction

- 324.545 words, distributed among 6 CEFR levels: A1 (15.620 words), A2(43.422 words), B1(57.795 words), B2(101.361 words), C1(54.057 words) and C2(52.290 words)

Guidelines

- Guidelines explaining lexical, syntactic, semantic criteria to distinguish the three categories
- Test the guidelines 30 representative texts of the A1 to C2 levels
- 3 annotators and intercoder agreement : 272 MWEs are manually annotated

Agreement	Measure	Average	Coder1 – coder 2	Coder 2 – Coder 3	Coder 3 – Coder 1
Delimitation	F-measure	0.75	0.756	0.774	0.733
Delimitation	κ	0.74	0.74	0.76	0.71
Categories	κ	0.63	0.70	0.61	0.59

Adapting VarIDE

- VarIDE (Pasquer et al, 2018) identifies MWEs and variants
- Initially provides PARSEME categories
- Annotating the training and test corpus with our categories according to our guidelines
- Mapping the categories
 - VID => idioms, if the semantic criterion is satisfied
 - LVC.full => either collocations (Mel'cuk, 1998) or fixed expressions (Gross, 1993)

Conclusion and further work

- Annotation corpus for VarIDE in progress
- Comparing criteria with PARSEME guidelines

- Guidelines applied on a small part of the corpus
- intercoder agreement to be improved, for categories

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