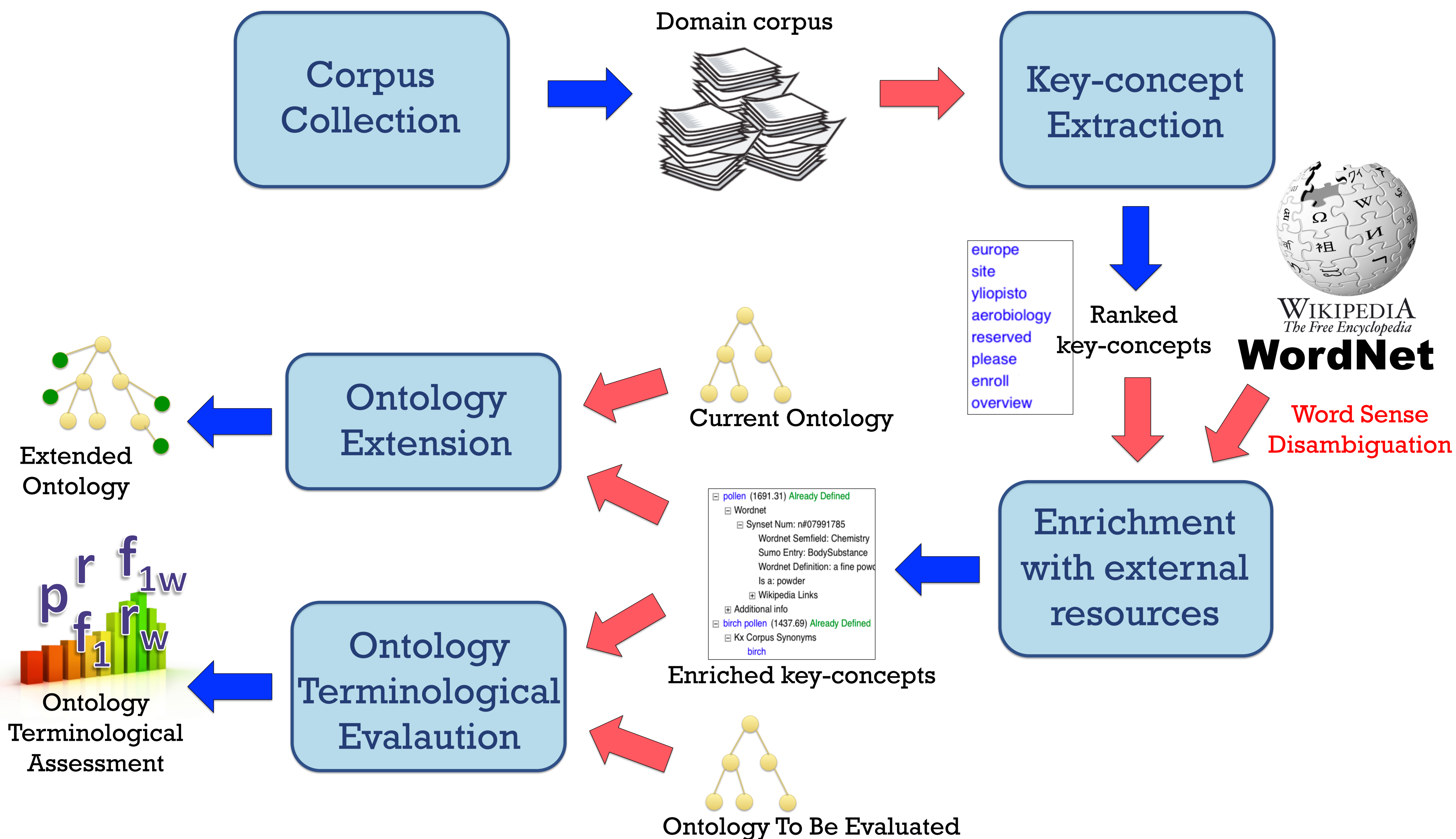


Key-concept Extraction For Ontology Engineering

Marco Rospocher, Sara Tonelli, Luciano Serafini, Emanuele Pianta
 FBK-irst – Via Sommarive 18 Povo, 38123 Trento, Italy
 {rospocher,satonelli,serafini,pianta}@fbk.eu



Ontology Engineering Tasks Supported

Boosting ontology construction and extension	User wants to (i) build a domain ontology and no structured resources are available, or (ii) iteratively extend a given ontology.	The system support in identifying and adding new domain concepts extracted from the corpus to the given ontology.
Ontology terminological evaluation and ranking	User wants to decide whether to reuse ontologies already available on the web	The system computes a set of metrics to terminologically evaluate (resp. rank) an already existing ontology (resp. candidate ontologies) against the domain described by the corpus
Ranking of ontology concepts	User wants to understand if some of the concepts in the ontology are more relevant than others (core knowledge)	The rank of a key-concept that appears also in the ontology represents the importance of such ontology concept with respect to the domain .

Try it out @ <https://moki.fbk.eu/moki/tryitout2.0>

