



The **SCAR** Project

Semantic Coloring of Academic References

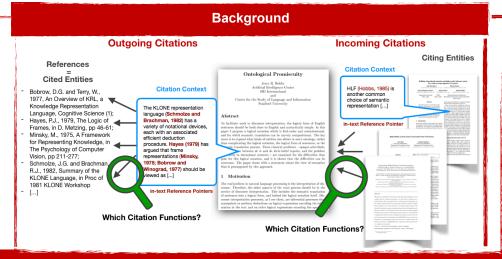
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Goal

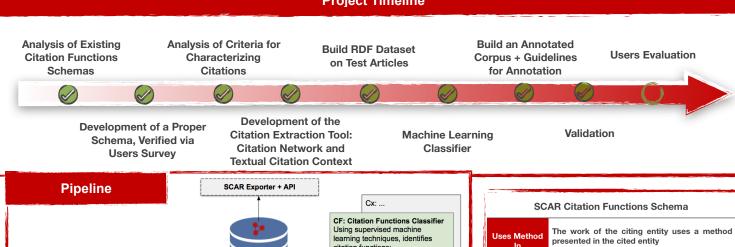
Enrich bibliographies with metadata about individual bibliographic reference and identify authors motivations for citations. Each reference is treated as an individual, first-class entity, which can be accessed, filtered and grouped with other references according to different criteria ('coloring schemes')

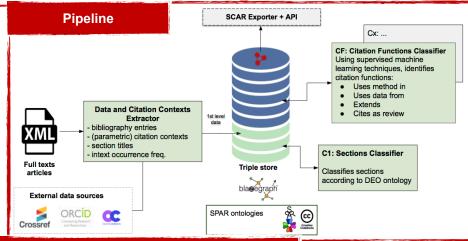


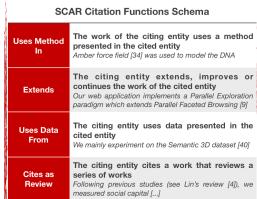
Methods&Technologies

- Machine Learning Supervised Approach
- Semantic WebRDF, SPARQL, SPAR
- NLP
 Tokenization, POS Tagging and Parsing, Corpora
 Analysis, Words Frequency and Similarity

Project Timeline

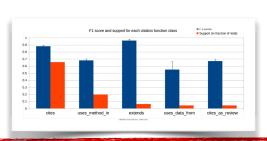






Validation

Result of 3-fold cross validation using ground-truth dataset of the citation functions classifier.



Annotated Corpus

- Annotated corpus about citation functions used to improve the performance of the classifier - 820 annotations (in progress)
- Ad-hoc guidelines in order to help annotators
- The annotated corpus will be soon released and freely available



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