



# OpenCitations Meta

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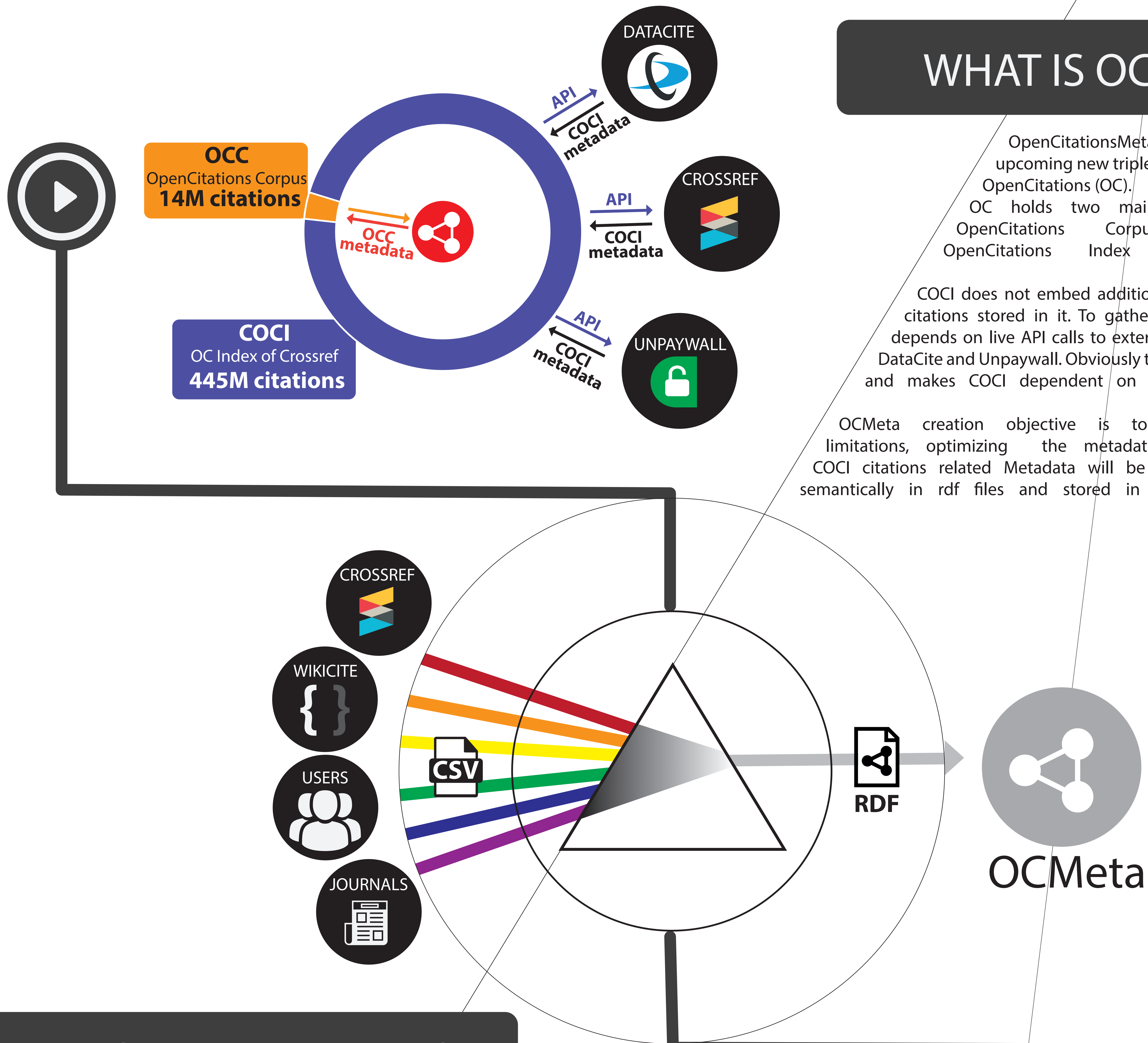
## WHAT IS OCMeta?

OpenCitationsMeta (OCMeta) is the upcoming new triplestore at the service of OpenCitations (OC).

OC holds two main data collections: OpenCitations Corpus (OCC) and OpenCitations Index of Crossref (COCI).

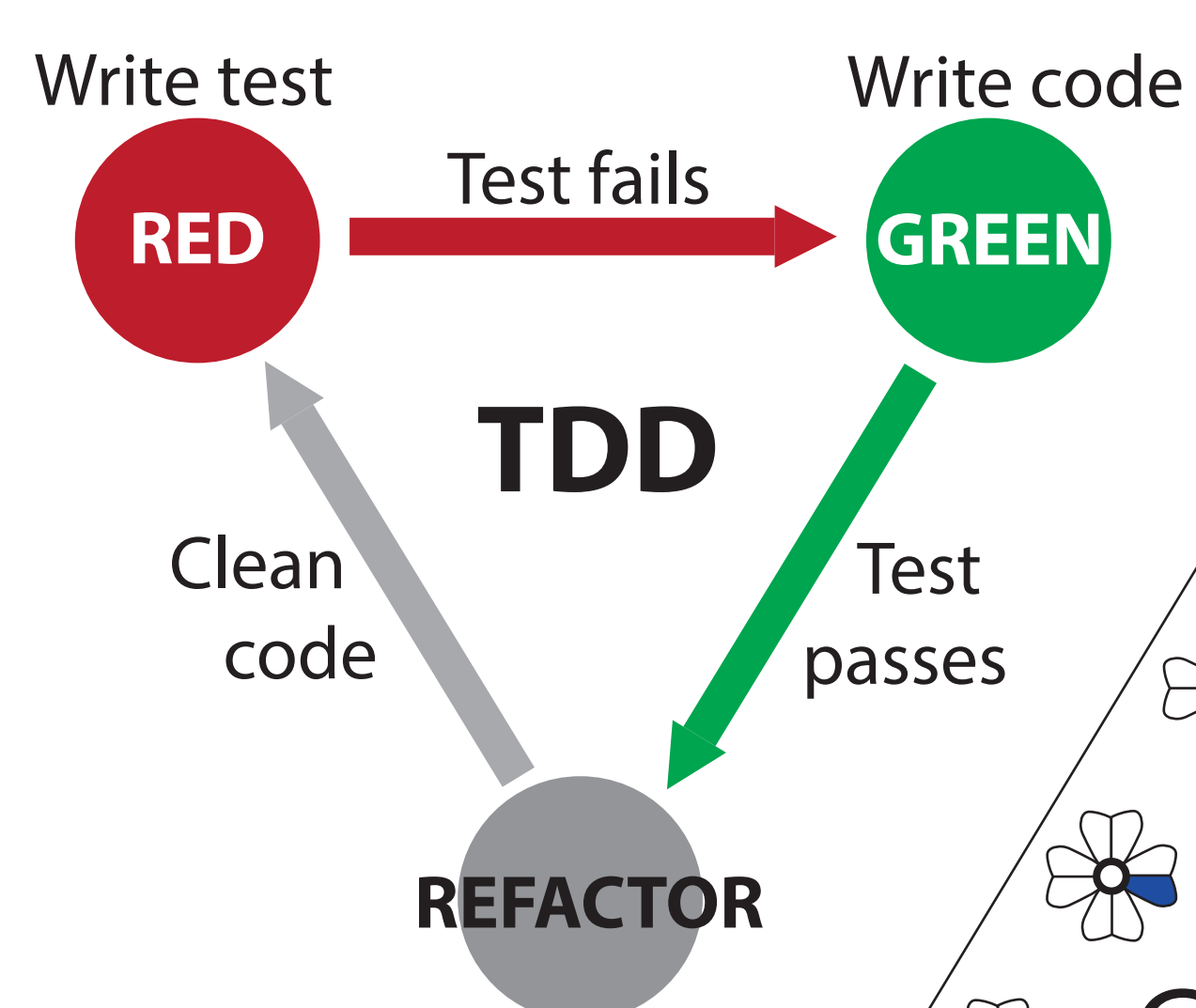
COCI does not embed additional metadata for the citations stored in it. To gather them, COCI strictly depends on live API calls to external services: Crossref, DataCite and Unpaywall. Obviously this process takes time and makes COCI dependent on external resources<sup>[1]</sup>.

OCMeta creation objective is to overwhelm such limitations, optimizing the metadata retrieval process. COCI citations related Metadata will be retrieved, reworked semantically in rdf files and stored in OCMeta triplestore.

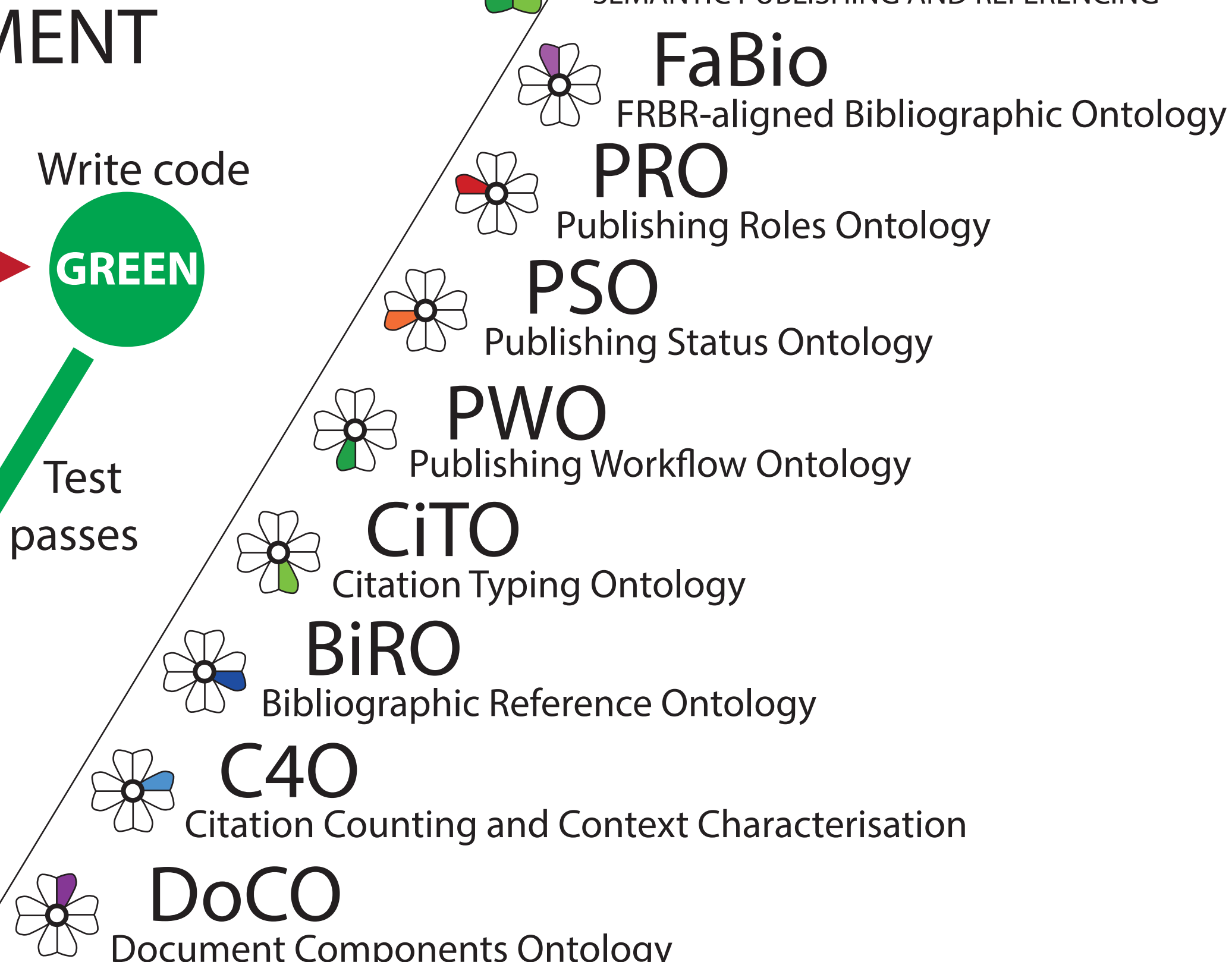


## METHOD AND MATERIALS

### TEST DRIVEN DEVELOPMENT



### SPAR ONTOLOGIES



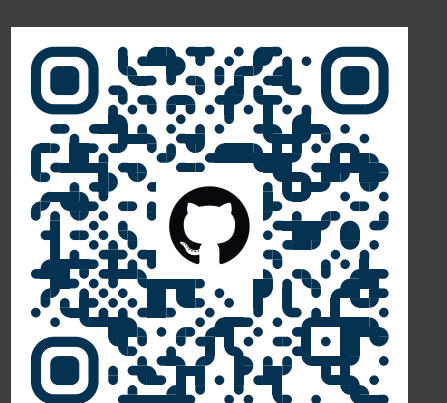
OCC  
OpenCitations Corpus  
14M citations

COCI  
OC Index of Crossref  
445M citations

Thesis Supervisor: Silvio Peroni

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[1] Heibi, I., Peroni, S., Shotton, D. (2019). COCI, the OpenCitations Index of Crossref open DOI-to-DOI citations. <https://arxiv.org/abs/1904.06052>



<https://github.com/opencitations/meta>