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## Appendix

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### A An example of prompt used to extract the number of submitted/accepted papers

It contains two messages for the chat models where the first one is the system message and the second one is the human message. Furthermore, it contains two examples (two-shots) to specify the task as well as the output format. The {preface\_text} variable in line 27 is replaced with the conference proceedings text from which the submitted/accepted paper counts to be extracted.

```

1 acceptance_ratio_system_template = ``You are a data entry clerk
2   and you know how to read some text and extract the
   requested information. You always follow the expected
   output format shown in the examples precisely. You only
   extract information in the text and do not introduce any
   new facts.`
3
4 acceptance_ratio_human_template = ``Given a preface from a
   conference proceedings, extract the number of research
   papers submitted and accepted to each track. Output the
   results in the CSV format.
5
6 Here are two examples:
7
8 Preface: The main scientific program of ESWC 2023 contained 41
   papers selected out of 167 submissions (98 research, 23
   in-use, 46 resource): 19 papers in the research track, 9 in
   the in-use track, and 13 in the resource track. The overall
   acceptance rate was 24% (19% research, 39% in-use, 28%
   resource).
9
10 Output:
11 track, submitted, accepted
12 research, 98, 19
13 in-use, 23, 9
14 resource, 46, 13
15 --- complete ---
16
17 Preface: The research papers program received 245 full paper
   submissions, which were first evaluated by the Program
   Committees of the respective tracks. The review process
   included evaluation by Program Committee members,
```

discussions to resolve conflicts , and a metareview for each potentially acceptable borderline submission. After this a physical meeting among Track and Conference Chairs was organized to see that comparable evaluation criteria in different tracks had been used and to discuss remaining borderline papers. As a result , 52 research papers were selected to be presented at the conference. The proceedings also include ten PhD symposium papers presented at a separate track preceding the main conference , and 17 demo papers giving a brief description of the system demos that were accepted for presentation in a dedicated session during the conference.

Output :

track , submitted , accepted

research , 245, 52

PhD symposium , - , 10

demo , - , 17

--- complete ----

Now extract the number of research papers submitted and accepted to each track from the following text. Output only the CSV content and "--- complete ----" as the last line.

Preface: {preface\_text}"

## B SPARQL queries used to extract the papers of a given proceedings and their corresponding authors from the DBLP KG.

```

# get the list of papers in a given proceeding
#identifier <__proceedings_uri__>

PREFIX dblp: <https://dblp.org/rdf/schema#>

SELECT ?paper ?title ?doi ?pages ?year WHERE {
  ?paper a dblp:Publication, dblp:Inproceedings;
    dblp:title ?title;
    dblp:doi ?doi;
    dblp:pagination ?pages;
    dblp:yearOfPublication ?year;
    dblp:publishedAsPartOf <__proceedings_uri__> .
  FILTER (STRSTARTS(str(?doi), "https://doi.org/"))
}

# get the list of authors associated in papers of a given
# proceeding identifier <__proceedings_uri__>

PREFIX dblp: <https://dblp.org/rdf/schema#>

SELECT ?paper ?title ?name ?ordinal ?orcid ?wikidata ?scholar {
  ?paper a dblp:Publication, dblp:Inproceedings;
    dblp:title ?title;
    dblp:hasSignature ?sign;
    dblp:publishedAsPartOf <__proceedings_uri__> .

  ?sign dblp:signatureDblpName ?name;
    dblp:signatureCreator ?dblp_person;
    dblp:signatureOrdinal ?ordinal .

  OPTIONAL { ?dblp_person dblp:orcid ?orcid }
  OPTIONAL { ?dblp_person dblp:wikidata ?wikidata }
  OPTIONAL { ?dblp_person dblp:webpage ?scholar .
  FILTER
    ↪ (STRSTARTS(str(?scholar), 'https://scholar.google.com/'))
    ↪ }
}

```

## C SPARQL queries used to extract the papers of a given proceedings and their corresponding authors from the DBLP KG.

Target Wikibase instance: Wikidata

The schema below specifies how your tabular data will be transformed into Wikidata edits.

Start from an existing schema: Select schema... Save new...

ID	DBLP ID	paper entity	DOI	pages	year	title text
paper entity						
Terms						
Label	en	title text	<input type="checkbox"/> override if present			
Description	en	scientific article published at ISWC	<input type="checkbox"/> override if present			
Statements						
instance of	scholarly article		<input type="checkbox"/> remove <input type="checkbox"/> configure <input type="checkbox"/> add qualifier <input type="checkbox"/> add reference <input type="checkbox"/> add value			
title	en	title text	<input type="checkbox"/> remove <input type="checkbox"/> configure <input type="checkbox"/> add qualifier <input type="checkbox"/> add reference <input type="checkbox"/> add value			
language of work or	English		<input type="checkbox"/> remove <input type="checkbox"/> configure <input type="checkbox"/> add qualifier <input type="checkbox"/> add reference <input type="checkbox"/> add value			
publication date	year		<input type="checkbox"/> remove <input type="checkbox"/> configure <input type="checkbox"/> add qualifier <input type="checkbox"/> add reference <input type="checkbox"/> add value			
published in	The Semantic Web – ISWC 2011: 10th		<input type="checkbox"/> remove <input type="checkbox"/> configure <input type="checkbox"/> add qualifier <input type="checkbox"/> add reference <input type="checkbox"/> add value			
page(s)	pages		<input type="checkbox"/> remove <input type="checkbox"/> configure <input type="checkbox"/> add qualifier <input type="checkbox"/> add reference <input type="checkbox"/> add value			
DOI	DOI		<input type="checkbox"/> remove <input type="checkbox"/> configure <input type="checkbox"/> add qualifier <input type="checkbox"/> add reference <input type="checkbox"/> add value			
DBLP publication ID	DBLP ID		<input type="checkbox"/> remove <input type="checkbox"/> configure <input type="checkbox"/> add qualifier <input type="checkbox"/> add reference <input type="checkbox"/> add value			
<input type="checkbox"/> add statement <input type="button" value="Add item"/>						

Fig. 7: Screenshot Open Refine schema that maps the papers extracted from the SPARQL query to Wikidata for generating Quick Statements.