

QALD-Mini-Project

Lukas Blübaum, Nick Düsterhus, and Ralf Keller

University of Paderborn , Warburger Str. 100, 33098 Paderborn, Germany
`{lukasbl,nduester,rkeller}@uni-paderborn.de`

Abstract. The abstract should briefly summarize the contents of the paper in 150–250 words.

Keywords: First keyword · Second keyword · Another keyword.

1 Introduction

(Ralf)

2 Simplified Procedure

(Nick)

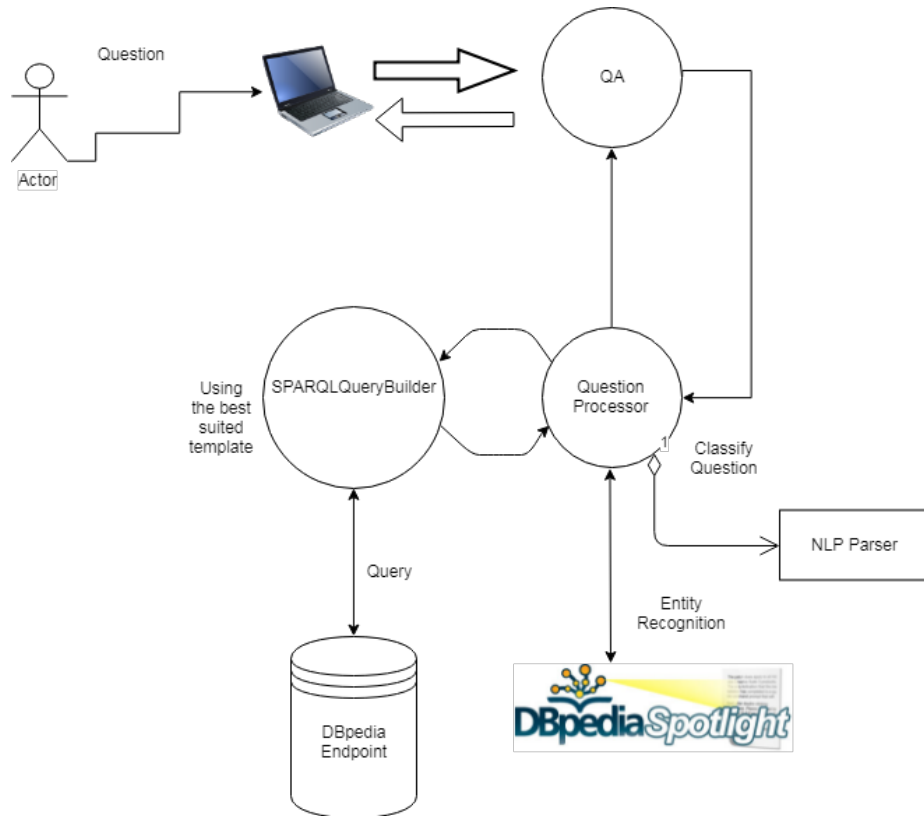


Fig. 1. Architecture.

3 QA System

(Ralf)

3.1 Webservice

4 Question Preprocessing

(Lukas)

5 Template Overview

(Lukas)

5.1 Example

5.2 Superlatives, Comparatives and Temporal Aggregators

(Ralf))(Lukas)

5.3 Example

6 Benchmarking and Evaluation

(Nick)

7 Summary

(Nick)

GERBIL Experiment

Experiment URI: <http://gerbil-qa.aksw.org/gerbil/experiment?id=201806200001> and <http://w3id.org/gerbil/qa/experiment?id=201806200001>
 Type: QA
 Matching: Me - strong entity match

Annotator	Dataset	Language		Micro F1	Micro Precision	Micro Recall	Macro F1	Macro Precision	Macro Recall	Error Count	avg millis/doc	Macro F1 QALD	GERBIL Timestamp	version
test (uploaded)	QALD8 Test Multilingual	en		0,2857	0,5385	0,1944	0,2124	0,2154	0,2114	0	0,0244	0,33	2018-06-20 10:48:50	0.2.3
test (uploaded)	QALD8 Test Multilingual	en	Answer Type	1	1	1	1	1	1	0			2018-06-20 10:48:50	0.2.3
test (uploaded)	QALD8 Test Multilingual	en	C2KB	0,3949	0,4559	0,3483	0,3723	0,3854	0,376	0			2018-06-20 10:48:50	0.2.3
test (uploaded)	QALD8 Test Multilingual	en	P2KB	0,3133	0,3824	0,2653	0,2764	0,2967	0,2772	0			2018-06-20 10:48:50	0.2.3
test (uploaded)	QALD8 Test Multilingual	en	RE2KB	0,1928	0,2353	0,1633	0,1951	0,1911	0,2033	0			2018-06-20 10:48:50	0.2.3

Fig. 2. Gerbil experiment for the QALD8-Test set, with an F-measure of 0.33.

7.1 A Subsection Sample

Please note that the first paragraph of a section or subsection is not indented. The first paragraph that follows a table, figure, equation etc. does not need an indent, either.

Subsequent paragraphs, however, are indented.

Sample Heading (Third Level) Only two levels of headings should be numbered. Lower level headings remain unnumbered; they are formatted as run-in headings.

Sample Heading (Fourth Level) The contribution should contain no more than four levels of headings. Table 1 gives a summary of all heading levels.

Table 1. Table captions should be placed above the tables.

Heading level	Example	Font size and style
Title (centered)	Lecture Notes	14 point, bold
1st-level heading	1 Introduction	12 point, bold
2nd-level heading	2.1 Printing Area	10 point, bold
3rd-level heading	Run-in Heading in Bold. Text follows	10 point, bold
4th-level heading	<i>Lowest Level Heading.</i> Text follows	10 point, italic

Displayed equations are centered and set on a separate line.

$$x + y = z \tag{1}$$

Please try to avoid rasterized images for line-art diagrams and schemas. Whenever possible, use vector graphics instead (see Fig. ??).

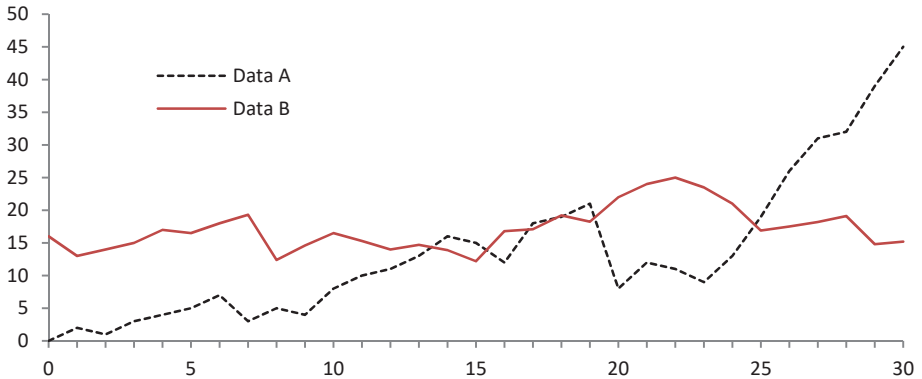


Fig. 3. A figure caption is always placed below the illustration. Please note that short captions are centered, while long ones are justified by the macro package automatically.

Theorem 1. *This is a sample theorem. The run-in heading is set in bold, while the following text appears in italics. Definitions, lemmas, propositions, and corollaries are styled the same way.*

Proof. Proofs, examples, and remarks have the initial word in italics, while the following text appears in normal font.

For citations of references, we prefer the use of square brackets and consecutive numbers. Citations using labels or the author/year convention are also acceptable. The following bibliography provides a sample reference list with entries for journal articles [1], an LNCS chapter [2], a book [3], proceedings without editors [4], and a homepage [5]. Multiple citations are grouped [1–3], [1, 3–5].

References

1. Author, F.: Article title. Journal **2**(5), 99–110 (2016)
2. Author, F., Author, S.: Title of a proceedings paper. In: Editor, F., Editor, S. (eds.) CONFERENCE 2016, LNCS, vol. 9999, pp. 1–13. Springer, Heidelberg (2016). <https://doi.org/10.1007/1234567890>
3. Author, F., Author, S., Author, T.: Book title. 2nd edn. Publisher, Location (1999)
4. Author, A.-B.: Contribution title. In: 9th International Proceedings on Proceedings, pp. 1–2. Publisher, Location (2010)
5. LNCS Homepage, <http://www.springer.com/lncs>. Last accessed 4 Oct 2017