

Writing 100 days

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January 21, 2016

1 Day 2: Writing Structure Extraction

The quality of paper structure affects reading comprehension. To help a writer improve she/his writing, we need to assess the structure of a paper. However, evaluating the structure of a document is challenging for a novice reader. It allows a reader to understand, analyze, and judge ideas delivered in a paper. To aid structure assessment, we provide an approach which identifies the main ideas and extracts a causal relation between two ideas.

2 Day 1: Crowdsourced Writing

Recent studies have decomposed writing process into a series of micro-tasks in crowdsourcing domain. Soylent [1] splits writing projects into multiple stages and allows crowd workers to shorten, proofread, and edit a document. MicroWriter [cited] enable collaborative writing by breaking the task of writing into three types of micro-tasks—generating ideas, labeling ideas to organize them, and writing paragraphs given a few related ideas.

References

- [1] M. S. Bernstein, G. Little, R. C. Miller, B. Hartmann, M. S. Ackerman, D. R. Karger, D. Crowell, and K. Panovich. Soylent: a word processor with a crowd inside. In *Proceedings of the 23rd annual ACM symposium on User interface software and technology*, UIST '10, pages 313–322, New York, NY, USA, 2010. ACM.