A system for question and answer generations

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Abstract

This paper documents our NLP project, a question generation and answering system from article documents. Our system generates question using tree manipulation of the dependency parse of sentences and simple ranking. Answer generation is done using maximum lexical overlap.

1 Introduction

2 Usage

You can do do any of the below functions using a document that you provide:

- question generating

- question answering

2.1 Generating questions from a document

You can generate a question using a document using command line:

```
$ ./ask document.txt n
```

where `document.txt` is the document file that you want to generate questions from, and `n` is the number of questions you want to generate.

2.2 Answering document-related questions from a user

You can get answers that is related to the document you will be providing using command line:

```
$ ./answer document.txt questions.txt
```

where `document.txt` is the document that you are giving questions about, and `questions.txt` is the questions you are giving in a text file.

3 Implementation

4 Results