COMPUTER-AIDED GENERATION OF MULTIPLE-CHOICE TESTS

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ABSTRACT

This talk will describe a novel automatic procedure for the generation of multiple-choice tests from electronic documents. In addition to employing various NLP techniques including term extraction and shallow parsing, the system makes use of language resources such as corpora and ontologies. The system can operate in a fully automatic mode and also a semi-automatic environment where the user is offered the option to post-edit the generated test items. The results from the conducted evaluation suggest that the new procedure is very effective saving time and labour considerably and that the test items produced with the help of the program are not of inferior quality to those produced manually.