Error Recovery By Using Graph Parsing

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ABSTRACT

Abstract is very abstract. Abstract is very abstract.

Keywords

!!!!!

1. INTRODUCTION

Development process...

Error recovery is important for language services, UDEs and so on.

Jonstone Parsing@SLE on multivariant tokenization parsing.

Error recovery is a graph parsing. Suppose the

Williams on cliques — CFL distance to clique. Static graph. Can we do it in dynamic?

1. We propose the way to utilize CFPQ algorithms
2. We evaluate ...

2. ERROR RECOVERY ALGORITHM

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Additional edges with error markers goes forward and with all tokens, goes in the its start vertex (as a result we have loops). Number of edges may be optimized by filtering with FIRST/REST and other functions

Select the best tree from SPPF after parsing finish.

Priority queue for descriptors. How to choose priority function?

Priority is a number of additional edges (not from the original input) in processed prefix. Suffix length.

3. EVALUATION

Calc.

Grammar.

Input generation

Timing. Original GLL. GLL with error recovery.

Cases: without errors, error in the end of file, in the middle, abd in the start.

4. DUSCUSSION AND CONCLUSION

Prorotype.

Future Work

Evaluation. BlackBox project.

Related Work