Parser-Combinators for Contex-Free Path Querying[*]

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ABSTRACT

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CCS CONCEPTS

• **Computer systems organization** → **Embedded systems**; *Redundancy*; Robotics; • **Networks** → Network reliability;

KEYWORDS

ACM proceedings, LATEX, text tagging

1 INTRODUCTION

Graph data bases
    Context-free path querying

DSL vs Combinators (LINQ, etc)
Contribution:
- Combinators for CF path querying
- Implementation in Scala
- Evaluation

2 RELATED WORK

3 PARSER-COMBITATORS FOR PATH QUERYING

4 EVALUATION

Classical RDFs
    Integration with Neo4J
    Static code analysis
    Comparison with GLL

5 CONCLUSION

Future work:
    SPPF processing
    Semantics calcualtion

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