

Automated Repair of Termination Errors

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CCS Concepts: • **Do Not Use This Code** → **Generate the Correct Terms for Your Paper**; *Generate the Correct Terms for Your Paper*; Generate the Correct Terms for Your Paper; Generate the Correct Terms for Your Paper.

Additional Key Words and Phrases: program termination, program repair, program synthesis

1 INTRODUCTION

State of programming these days.(copilot)
Motivating example (copilot)

2 OVERVIEW

The analysis of the vendor code
From summary to higher-order sanitiser
Analysis of the client code
Instantiation of sanitiser

3 APPROACH

4 EVALUATION

Does the vendor code make safety assumption of client code?
Can our approach accurately make the implicit assumptions explicit?
Can our approach avoid unsafe usage of vendor code?

5 RELATED WORK

6 CONCLUSION

REFERENCES