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Execution Anomaly Detection in Large-scale Systems through Console Log Analysis

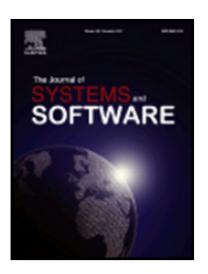
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Highlights

- A formal definition of execution anomaly detection problem through console logs
- Analyzing source code to recover the reachability structure of all log statements
- A probabilistic suffix tree based method that detects anomalies in log files
- Experiments show the performance superior of our method to four existing algorithms

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