Accepted Manuscript

Accepted date: 7 September 2017

Verifying temporal properties of programs: A parallel approach

Bin Yu, Zhenhua Duan, Cong Tian, Nan Zhang

PII:S0743-7315(17)30257-5DOI:http://dx.doi.org/10.1016/j.jpdc.2017.09.003Reference:YJPDC 3739To appear in:J. Parallel Distrib. Comput.Received date :3 February 2017Revised date :21 August 2017



Please cite this article as: B. Yu, Z. Duan, C. Tian, N. Zhang, Verifying temporal properties of programs: A parallel approach, *J. Parallel Distrib. Comput.* (2017), http://dx.doi.org/10.1016/j.jpdc.2017.09.003

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- 1. We present a parallel mechanism to verify properties of programs at run-time.
- 2. Our mechanism supports the verification of full regular properties.
- 3. Our tool supports the verification of large-scale programs in practice.
- 4. Lots of experiments are carried out to show the effectiveness of our tool.

Download English Version:

https://daneshyari.com/en/article/6874977

Download Persian Version:

https://daneshyari.com/article/6874977

Daneshyari.com