Performance and Analysis of Task Out-of-Order Execution in MPSoCs

By Prasath R, Arun / Kumar P, Ganesh

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Research Perspective | The inter-subsystem communication structure can be optimized at the beginning of the design process by using simulation models at three different abstraction levels. Some design loop cases can be avoided by using this exploration method. With the Motion-JPEG case study, and illustrate the whole communication exploration process step by step. From experimental results, it show that compared with the cycle accurate simulation, the inter subsystem communication can be well optimized and evaluated at higher abstraction levels. In this project, a solution for a classification problem that is used for optimized packet assignment to different data paths within a network processor System-on-Chip (SoC). Based on a specification of the usage case for our classifier it derive Heterogeneous Decision Graph Algorithm (HDGA), a heuristic approach to construct a decision tree classifier that integrates external lookup results for certain types of rules. Evaluated various parameters for optimizing the proposed decision tree and present simulation results to show the scalability of HDGA for typical problem sizes. This project is concluded with the results of an implementation on our FPGA Platform. | Format: Paperback | Language/Sprache: english | 76 pp.

READ ONLINE
[5.03 MB]

Reviews

Comprehensive information! Its this sort of very good read through. This is certainly for all those who statte that there was not a worthy of studying. Your daily life period will likely be convert as soon as you total reading this publication.
-- Candace Kling

It in a of my personal favorite book. It really is filled with wisdom and knowledge Your daily life period will likely be enhance the instant you total looking at this pdf.
-- Mr. Rocio Schroeder Sr.

See Also

Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .
Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book *****
Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free
scanned copy of the...

Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)
Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book
***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved
and previously accessible...

Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)
Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book
***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved
and previously accessible only...

10 Most Interesting Stories for Children: New Collection of Moral Stories with Pictures
Paperback. Book Condition: New. This item is printed on demand. Item doesn't include CD/DVD.

The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)
paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the
shipment.Paperback. Pub Date :2007-01-01 Pages: 244 Publisher: Science Press Welcome Our service and quality to your satisfaction.
please tell your friends...

Preventing Childhood Eating Problems : A Practical, Positive Approach to Raising Kids Free of Food and Weight Conflicts
Book Condition: Brand New. Book Condition: Brand New.