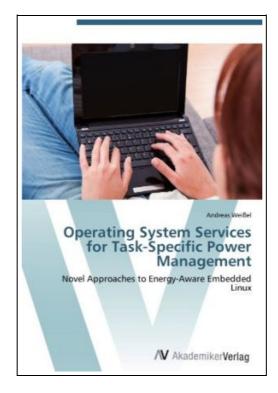
Operating System Services for Task-Specific Power Management



Filesize: 6 MB

Reviews

This publication is definitely not simple to begin on studying but quite fun to see. It really is full of knowledge and wisdom I am just effortlessly can get a satisfaction of studying a created pdf.

(Alfreda Bradtke)

OPERATING SYSTEM SERVICES FOR TASK-SPECIFIC POWER MANAGEMENT



Condition: New. Publisher/Verlag: AV Akademikerverlag | Novel Approaches to Energy-Aware Embedded Linux | Revision with unchanged content. Mobile computing devices like PDAs, cell phones or laptops have become an indispensable part of everyday's life. As these systems are battery-powered and the user expects long operating times, energy-aware operation is crucial. Hardware components for mobile devices offer low-power operating modes that achieve energy savings at the cost of degraded performance or application quality, e.g., by reducing the CPU speed. This dissertation investigates software-controlled energy management and addresses these two, often conflicting goals: increasing the embedded system's runtime by saving energy and providing sufficient application quality. With a cooperative approach between the operating system and individual applications or the user, task-specific trade-offs between these goals can be made. Prototype implementations for embedded Linux are presented and evaluated with energy measurements, proving the feasibility of task-specific power management. This dissertation has a strong practical focus, being a valuable guide for computer scientists and software engineers both in academia and industry who deal with operating system design and low-power software architectures. | Format: Paperback | Language/Sprache: english | 140 pp.



Read Operating System Services for Task-Specific Power Management Online Download PDF Operating System Services for Task-Specific Power Management

Other eBooks



Violet Rose and the Surprise Party

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a...

Read Book

»



ASPCA Kids: Rescue Readers: I Am Picasso

Studio Fun International, United States, 2015. Paperback. Book Condition: New. Debra Melman (illustrator). 216 x 152 mm. Language: English . Brand New Book. Fourth in the ASPCA Rescue Readers series, this Level 2 reader follows...

Pood Rook

»



Absolutely Lucy #4 Lucy on the Ball A Stepping Stone BookTM

Random House Books for Young Readers. Paperback. Book Condition: New. David Merrell (illustrator). Paperback. 112 pages. Dimensions: 7.4in. x 5.1in. x 0.4in.llene Coopers fourth story of a boy and his beagle takes Bobby and Lucy...

Read Rook

>>



Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years...

Read Book

*



The Stories Julian Tells A Stepping Stone BookTM

Random House Books for Young Readers. Paperback. Book Condition: New. Ann Strugnell (illustrator). Paperback. 80 pages. Dimensions: 7.6in. x 5.0in. x 0.4in. Julian is a quick fibber and a wishful thinker. And he is great at...

Read Book

»



Genuine entrepreneurship education (secondary vocational schools teaching book) 9787040247916(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 :2008-08-01 Pages: 175 Publisher: Higher Education Basic information title: entrepreneurship education

Save Document

>>



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 5: Craig Saves the Day (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 173 x 145 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

Save Document

>>



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: The Backpack (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 174 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

Save Document

...



I Am Reading: Nurturing Young Children's Meaning Making and Joyful Engagement with Any Book

Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English. Brand New Book. It s vital that we support young children's reading in ways that nurture healthy

Save Document

..



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 5: Seasick (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 174 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

Save Document

»