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IEEE Distributed Systems Online Alert

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The new issue of IEEE DS Online is now available.

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+++++ ADVERTISEMENT +++++

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1. PEER-TO-PEER

Is Deviant Behavior the Norm on P2P File-Sharing Networks?
Daniel Hughes, Stephen Gibson, James Walkerdine, and Geoff Coulson
Empirical evidence suggests that a small subset of the peer-to-peer
community produces the majority of P2P-mediated illegal pornography.
<http://dsonline.computer.org/portal/pages/dsonline/2006/02/o2001.html>

2. FROM IEEE INTELLIGENT SYSTEMS: AI, AGENTS, AND THE WEB

Knowledge Management and the Semantic Web: From Scenario to Technology

Paul Warren

A new vision of the Semantic Web as a knowledge management environment introduces new requirements, including the ability to semiautomatically learn ontologies and extract metadata.

<http://dsonline.computer.org/portal/pages/dsonline/2006/02/x1war.html>

3. FROM IEEE TRANSACTIONS ON MOBILE COMPUTING: MOBILE AND PERVASIVE
Call Admission Control for Voice/Data Integration in Broadband Wireless
Networks

Majid Ghaderi and Raouf Boutaba

A new admission control scheme uses two acceptance ratios, one for
voice

calls and the other for data calls, to maintain the proportional
service

quality for voice and data traffic while guaranteeing a target handoff
failure probability for voice calls.

<http://dsonline.computer.org/portal/pages/dsonline/2006/02/trans.html>

4. EDUCATION

Integrating Parallel and Distributed Computing in Computer Science
Curricula

Marcin Paprzycki

Computer science curricula must represent today's computing reality by
focusing on parallel and distributed computing (rather than
single-processor computing).

<http://dsonline.computer.org/portal/pages/dsonline/2006/02/o2006.html>

5. WORKS IN PROGRESS

The 2nd International Middleware Doctoral Symposium

Edward Curry and Jacques Mossière

This issue features summaries of four of the eight dissertations
presented

at Middleware 2005's 2nd International Middleware Doctoral Symposium.
The

March issue will feature the other four summaries.

<http://dsonline.computer.org/portal/pages/dsonline/2006/02/o2003.html>

6. FROM IEEE INTELLIGENT SYSTEMS: GLOBAL IS

WINES: Wired and Wireless Intelligent Networked Systems

Alun Preece

The UK's Engineering and Physical Sciences Research Council launched
its

Wired and Wireless Intelligent Networked Systems program in 2004 to
address

research challenges in creating massive-scale ubiquitous and pervasive
computing environments.

<http://dsonline.computer.org/portal/pages/dsonline/2006/02/x6glo.html>

7. FROM THE EDITOR: SECURITY COMMUNITY

Blurring the Line between Authentication and Identification

Tage Stabell-Kulø

What you see when you view the world from the authentication
perspective is

quite worrisome, because the line between authentication and
identification

is being blurred.

<http://dsonline.computer.org/portal/pages/dsonline/2006/02/o2002.html>

8. NEWS

Not in the Script: News of Java's Demise Is Premature

Greg Goth

PHP's popularity has generated rumors of a scripting language revolution to

topple Java's preeminence.

<http://dsonline.computer.org/portal/pages/dsonline/2006/02/o2004.html>

9. IN BRIEF

Grid-Based Modeling Technique Furthers Earthquake Risk Prediction

David Geer

Disparate analyses of large-scale earthquake data sets combine in a service-based workflow.

<http://dsonline.computer.org/portal/pages/dsonline/2006/02/o2005.html>

10. BOOK REVIEW

Extensible Middleware

Billy Rose

A review of "Distributed Infrastructure Support for Electronic Commerce Applications" by Hans-Arno Jacobsen.

<http://dsonline.computer.org/portal/pages/dsonline/2006/02/o2007.html>

11. BOOK REVIEW

Web Service-Oriented Project Development from Different Perspectives

Dragan Stojanovic

A review of "Perspectives on Web Services: Applying SOAP, WSDL, and UDDI to

Real-World Projects" by Olaf Zimmermann, Mark R. Tomlinson, and Stefan Peuser.

<http://dsonline.computer.org/portal/pages/dsonline/2006/02/o2008.html>

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Grid Computing: <http://dsonline.computer.org/gc>

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