# Workshop on Quality of Service for Application Servers

http://www.staff.ncl.ac.uk/graham.morgan/QSASWorkshop.htm

**October 17, 2004**

**Florianopolis, Brazil**

in conjunction with 23rd Symposium on Reliable Distributed Systems

## Scope

An application server typically deploys a variety of object oriented middleware services using an object request broker (ORB) and provides to applications a higher level of abstraction of component oriented middleware. Current component-oriented technologies allow designers to construct distributed applications out of reusable and interoperable software components, only the business logic of an application needs to be addressed by a programmer with support services incorporated into the application at deployment time. Well-known examples of component middleware architectures are Enterprise Java Beans (EJBs) and the CORBA Component Model (CCM).

Extending the application server abstraction to satisfy quality of service (QoS) application requirements provides a number of challenging research problems. This one-day workshop will provide a forum for researchers, application designers and users to review, discuss and learn about new approaches and concepts in application server QoS development.

Technical areas of interest include but are not limited to:

- Replication schemes
- Scalability and performance
- Clustering techniques
- Real-time requirements
- Transaction models
- Monitoring techniques
- Inter-organisational issues (e.g., security, trust)

## Paper submission

Authors are invited to submit extended abstracts no longer than 6 pages describing original, previously unpublished work. All submitted papers will be reviewed by the program committee. Accepted papers will be published in the workshop proceedings. At least one author of an accepted paper is expected to attend the workshop in order to present the work. The authors are requested to send extended abstracts to graham.morgan@newcastle.ac.uk no later than July 9, 2004, as a postscript or PDF file.

## Important dates

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| Papers due: | July 9 |
| Notification of acceptance: | July 30 |
| Camera-ready copies due: | September 17 |
| Workshop date: | October 17 |

## Program Committee:

Werner Beckmann (Adesso, Germany)
Vittorio Ghini (Bologna University, Italy)
Bettina Kemme (McGill University, Canada)
Mark Little (Arjuna Technologies, UK)
Aad Van Moorsel (Berlin, Germany)
Priya Narasimhan (Carnegie Mellon University, USA)
Richard West (Boston University, USA)
Avelino Zorzo (PUCRS, Brazil)

## Workshop Organization:

Graham Morgan (University of Newcastle, UK) (Co-Chair)
Rob Smith (E-Science Technical Director, NE UK) (Co-Chair)

For further information please browse the workshop's homepage or send an e-mail to graham.morgan@newcastle.ac.uk.