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OMG Information Days 2003 - Object Application Awards 2003 - Finalists



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For Immediate Release

Announcement of the ninth European OMG Object Application Awards winners at the OMG Information Day London

Kronberg -- June 23, 2003. The Object Management Group™ and LogOn Technology Transfer, announced the winners of the ninth European OMG Object Application Awards 2003 at the OMG Information Day in London, on June 10, 2003.

Tom Welsh, Senior Consultant and Editor with Cutter Consortium, was Master of the Awards Ceremony.

Awards were given in two categories for the best integration using an MDA approach and for the best vertical domain application. The following applications were chosen as winners and finalists in this year's program:

Category 1: Best integration using an MDA approach



Winner:

Project: MDA modeling infrastructure

Submitted by: Fraunhofer Institute Fokus - Germany and
NTT Data - Japan

For the realization and vertical application of the MDA a consequent application of the available standards and technology is necessary which leads to an Open Modeling Infrastructure on top of which different modeling tools for different purposes (graphical front-ends, text editors, model transformers and code generators) can be integrated seamlessly with each other. The project submitted has provided such an open modeling infrastructure and is fully based on standards, namely MOF™, EDOC, UML and CCM. It has been shipped to a customer who used and adapted the infrastructure to the special needs of the e-Government domain.
The application runs on PCs.

The following tools and languages were used to develop this application:

- C++ and Java as implementation languages
- UML, EDOC, MOF Profile for UML, CCM Profile for UML for the specification
- Rational Rose, Visual Studio C++ 6.0

Finalists:

Project: Electron Accelerator Control with Java and CORBA® (C+S)

Submitted by: Jozef Stefan Institute, Ljubljana - Slovenia

C+S system initially addressed the problem of controlling and monitoring a physical experimental facility. The specific purpose of a control system, i.e. C+S, is to carry commands from the operators authorized to modify the state of the devices to devices themselves and to periodically report

back and visualize the status of the machine.

The application runs on 10 server machines and on a similar number of client machines, although given the open nature of the system, many more clients can connect through CORBA at the same time.

The following tools and languages were used to develop this application:

- C++ for the development of servers
- Java for the development of clients
- IBM Visual Age for Java for visual development of Java client applications
- A suite of web tools for bug tracking - Bugzilla
- UML™ for designing the object model (called BACI)
- Visual Studio for C++

Project: Wuerth Phoenix

Submitted by: Wuerth Phoenix BV - Switzerland

The software solution Wuerth Phoenix is an ERP system based on MDA and consists of three modules: Order Processing, Purchasing and Logistics. These three modules represent the strategic business of any Wuerth Company. However, the modules actually implemented at a company must reflect not only the national language(s), but also cultural characteristics of the business. The first implementation, which has been streamlined from the generic solution, is the solution for Wuerth Italy. Wuerth Italy receives more than 5,000 orders from customers per day with about 15,000 order positions. Prime goal for the company is to deliver all orders on the same day to the customer. The goods are to be picked up on the same day and be ready for the carrier.

The following tools and languages were used to develop this application:

- JBuilder (Borland)
- Java as programming language
- VisiBroker (Borland)
- Select Enterprise as UML modeling system
- CVS for source management
- Versant, ODBMS
- Deploy Director (Sitraka)
- Doc2Help for online help



Finalists of Awards Category 1

Category 2: Best vertical domain application



Winner:

Project: Instant Force

Submitted by: Telefónica I+D - Spain

Instant Force was built by Telefónica and enables the development of Workforce Management Solutions quickly and at very low costs. The construction of systems with Instant FORCE Platform is based on the assembly of prefabricated components (modules), which form part of the platform, configuring a base solution on which to make adaptations and extensions of the functionality of the customer's needs.

The following tools and languages were used to develop this application:

- ORACLE
- CORBA
- C/C++
- Java
- XML
- HTML
- WML
- Servlets
- JSP
- Java2Me

Finalists:

Project: End-to-end Application Lifecycle management:
Java Application Platform

Submitted by: Credit Suisse Financial Services -
Switzerland

In order to be able to properly manage the change from classic programming languages like PL/1 and COBOL to object oriented technology and from a traditional two tier architecture to a three tier architecture with web based

clients and application servers, a well defined architectural process was adopted to support efficient and thereby cost effective application development and deployment. The separation of business requirements from underlying infrastructural and system specific constraints has been consciously decided upon in order to allow for a more reusable application development process. Currently, more than 80 Java application projects use the JAP infrastructure to build and deploy their products.

The following tools and languages were used to develop this application:

- Java
- ANT
- various Unix and NT Shell scripts

Project: eZACCESS

Submitted by: Zurich North America - USA

EZACCESS is a new front-end (JSPs) of the claim system providing a restructured user-interface with all the benefits of a Web-based GUI. Underneath the JSPs and Servlets is Zurich NA's largest EJB Server - The Claim Server. It rivals any system with the functionality provided and services many other Front-end applications outside of eZACCESS (Care Center system, Vendor Management system, Universal Capture System) through web services. EZACCESS is estimated to provide a 5% gain in productivity for Claim Adjusters. Given the thousands of end-users, this represents millions of dollars of productivity gains every year. By the end of 2003 about 2,500 workstations will run this system.

The following tools and languages were used to develop

this application:

- WebSphere Studio Application Developer -Java
- HTML
- Rational Enterprise Studio



The winner and the finalists of Awards Category 2

Note to the editors:

Further information on the Awards projects can be obtained from LogOn Technology Transfer. Press registrations for the OMG Day London can be sent to Milos Gedosev at LogOn ([gedosev\(at\)ltt.de](mailto:gedosev(at)ltt.de)).

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Object Management Group (OMG)

With well-established standards covering software from design and development, through deployment and maintenance, and extending to evolution to future platforms, the Object Management Group (OMG) supports a full-lifecycle approach to enterprise integration which maximizes ROI, the key to successful IT. Based on the Model Driven Architecture (MDA), OMG's standards cover multiple operating systems, programming languages, middleware and networking infrastructures, and software development environments. OMG's Modeling standards, the basis for the MDA, include the Unified Modeling Language (UML) and Common Warehouse Metamodel (CWM). CORBA, the Common Object Request Broker Architecture, is OMG's standard open platform with hundreds of millions of deployments running today. OMG's well-established CORBA services and industry-specific standards are being re-issued under the MDA in many popular middleware environments. OMG domain (industry-specific) standards cover vertical markets including healthcare, telecommunications, biotechnology, transportation and a dozen other areas.

The OMG is headquartered in Needham, MA, USA, with a U.S. government representative in Washington, DC, and international marketing offices in Japan, the UK, and Germany.

The Object Management Group is an international, open membership, not-for-profit computer industry specifications consortium. OMG member companies write, adopt, and maintain the organization's standards following a mature, open process. All current OMG specifications may be downloaded without charge from the organization's website,

www.omg.org the site also provides additional information about OMG and its activities. For information on joining the OMG, or questions not addressed on the website, please contact OMG headquarters:

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The OMG provides current information and services for distributed enterprise computing through The Information Brokerage® service on the World Wide Web at www.omg.org and www.corba.org

LogOn Technology Transfer

LogOn Technology Transfer GmbH, founded in 1991, is a privately owned company exclusively focused on the Information Technology market.

LogOn is organized into two operating divisions: Trade Shows & Events, and Marketing.

LogOn owns and manages pan-European Events like the OMG Information Days, Linux@work, LogOn Web Days and Storage Days, attended by over 15,000 IT professionals in the year 2002.

LogOn is the official representative of the Object Management Group (OMG) for Continental Europe.

OMG is the largest software consortium worldwide with more than 750 company members dedicated to promoting the theory and practice of object technology (OT) for the development of open distributed computing systems.

LogOn Technology Transfer is acknowledged for the high quality of its services.

More information on LogOn's services is available at: <http://www.ltt.de>

[[top](#)] [[OMG Information Days Home](#)]
[[OMG Day London](#)] [[LogOn Home](#)]