

Quotes about CORBA/e

“Constrained by memory limitations, performance requirements, and physical and cost considerations, each embedded system design requires a middleware platform tailored precisely to its needs – unused features occupy precious memory space, while missing capabilities must be tacked on,” said Dr. Richard Soley, chairman & CEO, **OMG**. “By providing a family of CORBA/e profiles, OMG lets embedded-system designers select the one with exactly the capabilities they need in a middleware platform, without burdening them with features they don’t need.”

“For more than a decade, IONA has been a leader in the CORBA market and we view the introduction of CORBA/e as a significant milestone in the evolution of this important industry standard,” said Neil Kenealy, senior product manager, **IONA**. “For our customers that want to extend their existing enterprise CORBA systems to take advantage of new embedded applications, CORBA/e offers the benefit of seamless integration, helping them to achieve a greater return on their CORBA investments.”

“For the last seven years OCI has been supporting an open source implementation of CORBA called TAO. We have been noticing the increase in our embedded systems’ user base. Users, who had previously shied away from CORBA, seemed to have decided that by taking advantage of TAO’s open source code they could tailor and thus shrink CORBA into their resource limited domains. Now there are OMG standard profiles for that demanding market segment. Those profiles reflect typical user needs and show that CORBA is no longer just about enterprise systems. Embedded wireless is the future and CORBA is already there,” said Dr. Moshiri, CEO of **Object Computing, Inc.**

“CORBA/e allows developers to achieve the ultra-fast performance required for distributed real-time and embedded applications. From resource-constrained devices requiring small footprints to large-scale systems in military/aerospace, telecommunications, industrial process control, robotics and more, CORBA/e is designed to meet even the most demanding requirements of performance-based embedded applications without forfeiting the interoperability, portability, and platform independence that CORBA has built its reputation on,” said Joe Jacob, senior vice president, **Objective Interface Systems, Inc.** “As editor of the CORBA/e standard, we have been privileged to be involved in an open standard that represents the next generation of CORBA.”

“PrismTech applauds the OMG’s CORBA/e initiative, with its support for multiple embedded profiles such as the Micro and Compact profiles and with the ability to add additional domain specific profiles as CORBA/e evolves in the future. We believe that CORBA/e ORBs will be accepted as the key middleware technology even in the most resource constrained embedded systems such as those found in DSP and micro-controller environments,” said Keith Steele, CEO, **PrismTech**.

“A substantial percentage of the effort expended to develop distributed real-time and embedded (DRE) systems today goes into building ad hoc and proprietary middleware, or additions to applications to compensate for missing middleware functionality. Unfortunately, this approach yields substantial recurring life-cycle costs, particularly for complex and long-lived DRE systems in mission-critical domains. The CORBA/e specification - and the products that support it - are a crucial step toward eliminating many tedious, error-prone, and non-portable aspects of developing and maintaining applications for DRE systems,” said Dr. Douglas C. Schmidt, Professor of Computer Science, **Vanderbilt University**.