Incorporating Off-The-Shelf Components with Event-based Integration

Jie Ren, Richard Taylor
Institute for Software Research
University of California, Irvine
Irvine, CA 92697-3425
+1 949 824 2776
{jie, taylor}@ics.uci.edu

ISR Technical Report # UCI-ISR-03-2
April 2003

ABSTRACT

Event-based Integration (EBI) is an promising technology for constructing large software architectures. It can integrate concurrent, heterogeneous components in dynamic software architecture. This paper discusses our experience in integrating a set of off-the-shelf components to create an event-based software architecture development environment. We discuss the benefits and obstacles of integrating Common-Off-The-Shelf (COTS) components, explain the rationale for choosing event-based integration, and report some experiences from this effort.