

SOAPbox™ for Baan

Benefits

- SOAPbox™ provides Web-Services based access to Baan ERP functionality. This simplifies application development by allowing a wide variety of client technologies to access Baan business logic using standardized (non-proprietary) interfaces.
- SOAPbox™ includes transaction logging, error checking, transaction queuing and priority management handled seamlessly and consistently.
- SOAPbox™ for Baan can interface with Baan through either the DDC interface or OpenWorld BOI's.
- The Web Services interface uses SOAP RPC. SOAP-RPC allows developers using an integrated development environment such as Visual Studio to see method arguments just as they would when using a method from a standard class library in the IDE.
- SOAPbox™ is delivered as an open tool-kit, including source code. The product can be readily extended and maintained by the client's personnel.

Underlying Technology

- SOAP-RPC provides the desirable point-and-click access to web services from software IDEs.
- SOAPbox™ is implemented in **Java** with an architecture that is multi-threaded with durable queues, transaction logging, and includes management interfaces for monitoring, notification, and reporting.
- Applications written in Java can directly access SOAPbox functions as Java classes.
- Qualification testing has been completed in the JBOSS environment, which has the benefit of being an open source **J2EE** implementation. SOAPbox™ leverages features of J2EE such as enterprise beans and JMS queuing.

SOAPbox™ Architecture

