



Enterprise Evolution Products

NXTware ESB: The Evolution Server – ESB Runtime Services and Legacy Integration On Demand

HIGHLIGHTS

- **On Demand Integration -- Integrate what you need now focusing on functions not apps**
- **Develop new composite applications combining multiple apps and services**
- **Reduce risk cost -- extend ROI and reuse, enable modernization on demand**
- **A virtual service layer -- representing your mission critical business functions**
- **Integrate COBOL backends with contemporary interfaces with content-based routing**
- **Use XML to exchange legacy business data with durable messaging**
- **Transformation no longer all or nothing, phased modernization reduces risk and cost**
- **Support for rules and BPEL enables alignment of business and technology services**

Compelled by the need to increase capacity, comply with new standards and reduce costs IT managers, like you, are evaluating the modernization of strategic legacy systems.

Rather than replacement, practicality requires that managers consider the adoption of contemporary technologies or systematic modernization.

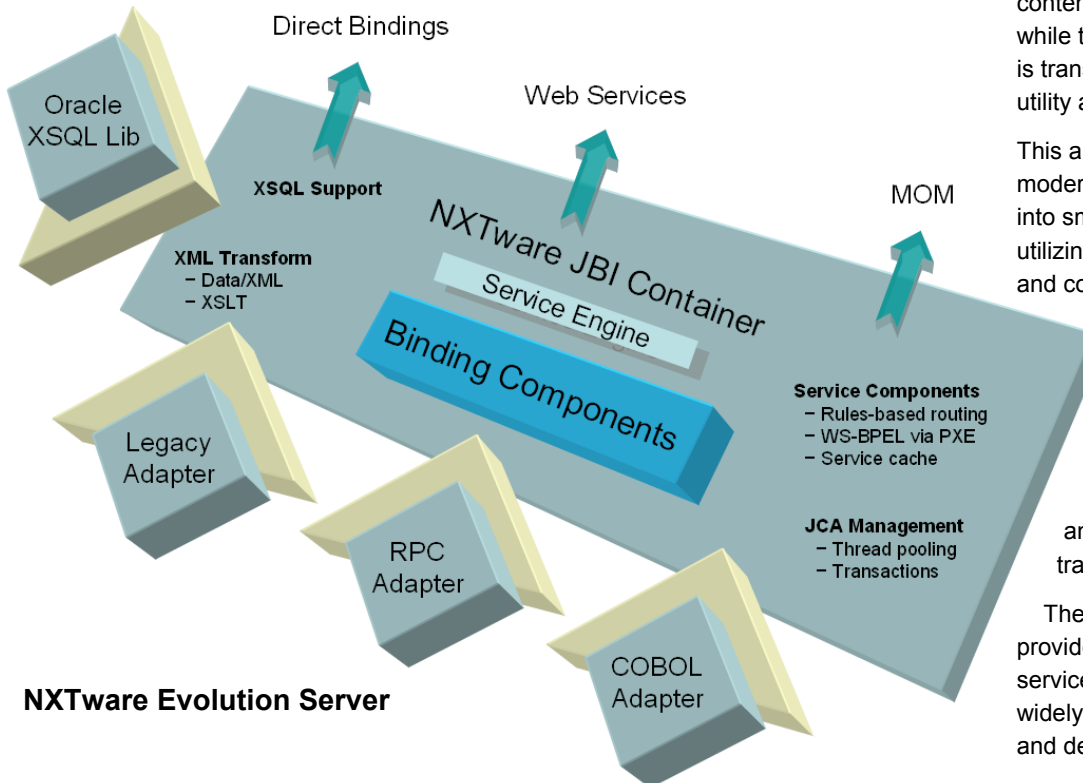
eCube's NXTware ESB Evolution Server simplifies this process and provides immediate ROI for strategic modernization projects.

NXTWare ESB attacks integration and transformation at the functional level, mapping legacy systems to agile contemporary business services – while the original system evolves and is transformed at a pace dictated by utility and business benefit.

This approach allows your legacy modernization projects to be broken into smaller more practical tasks utilizing loose-coupling between legacy and contemporary application functions.

The NXTware Evolution Server makes it possible for companies to extend the value of existing business logic and avoiding the risk and cost of "Big Bang" transformations.

The goal of this enterprise suite is to provide both integration and runtime services to make business services widely reusable saving users money and development time.



NXTware Evolution Server

Evolution Platform

NXTware is an Enterprise Evolution Suite specifically designed to integrate legacy systems and data sources with modern platforms.

Acting as an XML messaging bus, it maps to web services, HTTP and JMS/MOM while easily supporting binary transports and RPC-style systems (such as Entera, J2EE, CORBA.)

NXTware's adapter model allows it to freely inter-operate with most legacy platforms – such as DCE, CICS, IMS, etc. – while using both one-way and request response models of communication.

This componentization ensures a lightweight solution specific to your needs that evolves applications one function at a time.

Abstract Layer

NXTware services acts as an abstract evolution layer between business, data access and presentation logic that transparently supports legacy or contemporary functions. This is accomplished through NXTware's key capability to loosely couple business functions and support.

Functionality

Through a combination of legacy emulation and ESB technology, NXTware provides the interoperability required to support evolutionary transitions from one application platform to another.

Platform Benefits

- **Low Impact:**
No impact on existing systems
- **Bi-directional:**
Supports bi-directional communication in both RPC and MOM styles
- **Flexible Implementation:**
Can be implemented independently, in a web server environment or as an enterprise service provider.

Supported Legacy Platforms

NXTware supports the evolution of many legacy platforms, including:

- **Languages:**
C, COBOL, PICK, Fortran, IEF/COOL:Gen
- **Platforms:**
Mainframe, Unix, AS400/iSeries
- **Architectures:**
DCE, RPC, XMLRPC, CORBA, J2EE, MQ,

Supported Standards

The agility of the configuration model supports a variety of ways to expose backend applications including:

- **SOAP bindings:**
ActiveSOAP, POJO integration via XFire, WSIF, SAAJ
- **Basic bindings:**
Email, File, FTP, HTTP/Jetty
- **Advanced bindings:**
XMPP/JABBER, JMS/ACTIVEMQ, VFS/Jakarta
- **Client Bindings and API:**
C++, C#, VB.NET, PB, VB, Delphi, Java
- **Service Components:**
BPEL/PXE, Rules/Drools, JCA - XSLT/ServiceMix, RPC/NXTware RPC, JBI Container/ServiceMIX Scripting/Groovy, XSQL
- **XML Messaging:**
NXTware can generate XML from native data or using Oracle XSQL, use XSLT to transform then final route messages and payloads to their targeted endpoints.

eCube Systems

eCube Systems provides Enterprise Evolution products and services that maximize investment by leveraging existing technical equity to meet new business needs.

For more information

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