

JD EDWARDS ENTERPRISEONE BUSINESS SERVICES



KEY FEATURES

- Native capabilities to produce and consume web services
- Standards based development platform provided by Oracle JDeveloper
- Integrated Lifecycle Management for Business Services
- Business Service security integrated into JD Edwards EnterpriseOne Security Workbench
- Integrated Server Management
- Certification with Oracle BPEL PM and ESB

JD Edwards EnterpriseOne Business Services enable JD Edwards EnterpriseOne to extend its functionality through standards based web service technology and therefore allows you to fully capitalize the benefits of Service Oriented Architecture (SOA). JD Edwards EnterpriseOne Business Services lets JD Edwards EnterpriseOne be a native provider and consumer of web services.

The Issue: ERP and SOA Demands For Web Services

Organizations are constantly searching for ways to provide greater flexibility to interoperate with external systems and to standardize integration processes within their IT infrastructure. Historically these integrations have been proprietary in nature and based on point to point models. As the industry has moved towards Service Oriented Architecture companies must look for new ways to provide more flexible and scalable architectures that are based on industry standards such as web services.

The Solution: JD Edwards EnterpriseOne Offers Native Support Of Web Services

To support interaction within a SOA framework, Oracle's JD Edwards EnterpriseOne provides native web services capabilities. This now includes the capabilities to develop, publish, consume, and administer web services directly from JD Edwards EnterpriseOne Tools. The web service interfaces are built upon a JD Edwards EnterpriseOne object type called "Business Services". Business services are a set of Java-based business functions created to perform discrete units of work and can interact with external systems in the form of a web service. Business services can accept an XML document as input and use that data to interact with other JD Edwards EnterpriseOne objects (for example, business functions and table I/O) to process a transaction.

Native Support For Production Of Web Services

The ability to produce business services and expose those services as web services is a key concept within SOA. With JD Edwards EnterpriseOne Tools 8.97:

- Developers can produce Java-based business services natively with the JD Edwards EnterpriseOne toolset.
- Administrators can generate, deploy, and manage Web Service interfaces over select business services for consumption by external systems.

Native Support For Consumption Of Third Party Web Services

SOA-based architectures let you better consume third party Web services. With JD Edwards EnterpriseOne Tools 8.97:

- Developers can develop applications that synchronously consume third party web services from within the JD Edwards EnterpriseOne business logic layer.
- Administrators can manage the end point configuration related to third party web services, such as external user credentials and web service binding data.

Full Integration With JD Edwards EnterpriseOne Lifecycle Management

JD Edwards EnterpriseOne already has a full lifecycle management (LCM) process for the object development (i.e. applications, reports, and business functions), source control, promotion control, package build and deployment, and auditing capabilities. The LCM process for business service development is fully integrated into this process; thus allowing you to utilize existing development and CNC resources for development and management of these services.

Standards Based Development Platform

Oracle's JDeveloper IDE is the development tool used to development the Java based JD Edwards EnterpriseOne Business Services. JDeveloper's native Java development capabilities will be coupled with new wizard based interfaces to allow developers a standardized method for building business services and interacting with other JD Edwards EnterpriseOne objects, such business functions and table I/O operations.

Feature/Function Highlights

- Native Production Of Web Services
- Support for Consumption Of Third Party Web Services
- Oracle BPEL PM Certification
- Oracle ESB Certification
- Integrated Security
- Integrated Lifecycle Management
- Integrated System Management
- Integrated Development Environment

Solution Integration to JD Edwards EnterpriseOne Applications

Oracle offers JD Edwards EnterpriseOne Business Services effective with JD Edwards Tools Release 8.97 for JD Edwards EnterpriseOne Applications 8.12 and above.

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