Oracle Adapters for Peoplesoft

The Adapter for Peoplesoft provides comprehensive, bi-directional, standards-based, real-time connectivity to Peoplesoft 8 application systems. The Adapter supports both JCA and Web Service standards for creation of open and reusable service-oriented applications (SOA). High-speed, low-impact, non-intrusive access to and from Peoplesoft exposes the critical business logic and data contained with Peoplesoft for reuse: the key to building a successful e-business application or integrated enterprise.

Figure 1: Oracle Adapter for Peoplesoft Architecture Diagram

**Comprehensive Peoplesoft Connectivity**

The Adapter for Peoplesoft provides bi-directional interface capabilities to Peoplesoft by exploiting the most powerful Peoplesoft integration technologies - Component Interface (CI), the Integration Broker with Application Messages, and (starting with PeopleTools 8.42) the new SOAP to CI interface. It uses the Component Interfaces API to synchronously invokes Peoplesoft transactions and Integration Broker technology to asynchronously receives events from Peoplesoft. It supports more than one way of receiving events from the Peoplesoft application namely TCP/IP, HTTP and Files and...
ensures guaranteed delivery of Peoplesoft events.

**Simple and Easy to use Design Time Graphical Interface**
The Adapter provides a unique design time experience for Peoplesoft and enables dynamic browsing of the various Component Interfaces (CIs) and Application Messages without any coding effort.

The design-time tool exposes the Adapter Services as a JCA/Web Service in few simple clicks and enables rapid implementation. Since this introspection is dynamic, all custom written or extended CIs and Application Messages are available for use.

**Standards Support**
The Adapter is based on open standards and exposes the underlying Peoplesoft functionality as JCA and Web Services.

The Oracle Fusion Middleware product components are seamlessly and rapidly integrated with the Peoplesoft system through these standard interfaces.

**Complete Management through the Oracle Application Server**
The Adapters are deployed on top of Oracle Application Server and leverage it for scalability and high availability. The Oracle Application Server enables the user to monitor and manage the Adapter Life-cycle.

These capabilities are available out of the box with no additional software requirements.

**Summary**
The Oracle Adapter for Peoplesoft offer the most complete connectivity solution for Peoplesoft. It delivers unique features to minimize the implementation effort and maximize the effectiveness of the solution.