1

Oracle Business Process Management Suite Overview

This chapter provides a general overview of the Oracle Business Process Management (BPM) Suite.

This chapter includes the following sections:

- Section 1.1, "Introduction to the Oracle Business Process Management Suite"
- Section 1.2, "Oracle BPM User Personas"
- Section 1.3, "Oracle BPM Suite Components"
- Section 1.5, "Introduction to the Application Development Life Cycle"
- Section 1.6, "Oracle BPM Use Cases"

1.1 Introduction to the Oracle Business Process Management Suite

The Oracle BPM Suite provides an integrated environment for developing, administering, and using business applications centered around business processes.

The Oracle BPM Suite provides the following:

- Enables you to create process models based on standards with user-friendly applications. It enables collaboration between process developers and process analysts. Oracle BPM supports BPMN 2.0 and BPEL from modeling and implementation to run time and monitoring.

32

- Enables process analysts and process owners to customize business processes and Oracle Business Rules.

- Provides a web-based application for creating business processes, editing Oracle Business Rules, and task customization using predefined components.

- Expands business process management to include flexible, unstructured processes. It adds dynamic tasks and supports approval routing using declarative patterns and rules-driven flow determination.

- Enables collaboration by providing integration with Process Spaces which drives productivity and innovation.

- Unifies different stages of the application development life cycle by addressing end-to-end requirements for developing process-based applications. Oracle BPM unifies the design, implementation, run time, and monitoring stages. Oracle BPM enables different personas to participate through all stages of the application life-cycle.

Oracle JDeveloper is the development environment for Oracle Fusion Middleware with specific extensions that cover Oracle SOA Suite, Oracle WebCenter Suite, and Oracle BI.

Diagrams allow developers to build BPM, BPEL and ESB processes, and a declarative editor provides an easy way to define business rules for the Oracle SOA Suite, all from within JDeveloper. Rich Web interfaces for BAM and Human Workflows can quickly be developed with Oracle ADF in JDeveloper. 32

Oracle WebCenter adds capabilities for development and consumption of portlets, integration with content repositories, and a host of Web 2.0 services to the list of features available in Oracle JDeveloper.

Integration with Oracle BI allows the definition of new reports and graphs on various sources of data as well as inclusion of these reports in existing Oracle ADF pages.

Summary

Oracle JDeveloper offers a complete solution for developers looking to increase their productivity building cutting edge enterprise Java applications.

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