

Oracle Expert Solution Offerings

J2EE Pilot

Features

- Provides a comprehensive overview of the possibilities and the productivity of Oracle's J2EE Development Environment.
- Introduces J2EE software architecture principles like Service Oriented Architecture, Model-View-Controller and J2EE Design Patterns.
- Provides a realistic view on how you can leverage Oracle's J2EE technology in your organization, by using your own business case.
- Delivers a sophisticated proof of concept web application, including a powerful user interface.

Java/J2EE is the language of choice for the internet and opens up a whole new set of options for application development. Therefore, you might consider introducing J2EE into your organization. This will raise questions like: What is the impact on my organization if I make this move? What does it mean for my current IT-environment and development approach? Is my staff skilled enough? Will they be as productive as they are today? What do I do with existing systems?

The Oracle J2EE Pilot lets you get acquainted with the Oracle J2EE environment and the specific benefits it can deliver to your organization. By building a proof-of-concept application based on your own business case we will show how productive and flexible the Oracle J2EE environment is. During the development of this application we will discuss key areas in system development like modelling, business rules, security, testing, team based development and migration strategies. After the J2EE Pilot you will have enough answers to make a sound decision on how to leverage J2EE to support your business processes.

Overview

Most organizations that want to streamline their business processes have recognized the fact that the flexibility, openness, and portability of the Java J2EE platform are unprecedented. These characteristics have made Java the language and J2EE the platform of choice for building Internet Applications.

However, when organizations start building their first transactional Java-based applications, they are often unpleasantly surprised by the lack of project progress and the quality of the delivered system. This particularly holds true for organizations that are used to very productive 4GL's and Case tools like Oracle's Designer and Forms.

Oracle's J2EE strategy focuses on addressing this productivity issue, without compromising the flexibility and freedom of choice inherent to the J2EE technology stack.

Oracle offers JDeveloper, a visual and declarative application development environment. It includes the Oracle Application Development Framework (ADF) that simplifies J2EE development by minimizing the need to write code that implements design patterns and application's infrastructure. JHeadstart, with its powerful generator adds an extra level of productivity. With this J2EE tool stack you will achieve similar productivity levels as you had with Oracle Designer and Forms or any other 4GL development environment.

If your current environment exists of Designer/Forms your development staff will get a flying start with Oracle's J2EE stack, since it uses similar concepts like declarative meta data, generation and drag-and-drop facilities. In addition JHeadstart enables you to reuse your valuable metadata in Oracle Designer, protecting your investments in this powerful tool. The JHeadstart Designer Generator allows you to extend your Oracle Forms applications with easy-to-use self-service functionality or to migrate your Oracle Forms to J2EE altogether.

The resulting J2EE application is based on open standards and can run on any J2EE certified application server. Where no open standards are available yet, Oracle is driving the standardization process, ensuring that you always benefit the flexibility and power of open standards.

To get acquainted with this exciting and powerful J2EE development environment Oracle offers a J2EE pilot. During the pilot we will give you an overview of the environment and build an application according to your specific business case in less than a week. The pilot will deliver you valuable information to determine how to proceed with introducing J2EE in your organization.



J2EE Pilot



Scope of the Offering

During the J2EE pilot the Oracle J2EE Expert executes the following tasks:

- Intake of the business case that has been selected for the pilot and confirmation of the topics that will be covered and features that should be implemented in the pilot application. Normally this takes place one or two weeks before the pilot.
- Overview presentation and demonstration of J2EE, Model View Controller and Service Oriented Architectures, JDeveloper, the Application Development Framework (ADF) and JHeadstart. Extra subjects like UML modelling, business rules, team based development, testing and security may be added to this session.
- Rapid development of an application based on your business case. During development the Oracle J2EE Expert will explain and discuss the development activities.
- End presentation including a demonstration of the application and advice on next steps.

Requirements

To run a successful J2EE pilot the following is required:

- A business case that represents some of your future development requirements. Optionally you can include a database with real data and a user interface mock up.
- A Designer Repository that includes metadata used to generate a J2EE application. This is optional.
- One or more persons from your staff to answer questions and discuss requirements of the business case.

Deliverables

The following deliverables will be created during the pilot:

- Working application that amongst others may include different lay out styles (e.g. master-detail, multi select lov's, trees, list of values), a user interface, graphics, webservices, wireless access, multi lingual capabilities, role based authorization.
- A demonstration of the application that has been developed during the pilot.
- Recommendations on how to further introduce J2EE in your organization.

More Information

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