

Oracle Application Express (APEX) Workshop I (D79653)

ID D79653 Preis 3.555,- € (exkl. MwSt.) Dauer 5 Tage

Kursüberblick

This Oracle Application Express Workshop I Ed 2 training teaches you how to quickly and efficiently develop database-centric web applications using Oracle Application Express. Explore implementing security in your applications, managing application navigation, basic validation and debugging techniques used while developing an application in Oracle Application Express.

Learn To:

- Create database applications for both desktop and mobile interfaces.
- Add various components like new pages, reports regions, items and other components required to enhance an application.
- Create processes, validations, computations and dynamic actions within an application.
- Change the look and feel of your web applications using built-in themes and templates.
- Create and use shared components for an application.
- Understand managing and using session state variables.
- Implement security in an application.
- Manage application navigation using shared components.
- Improve your application by creating calendars, charts and trees.
- Extend your application by adding advanced features like printing, BLOB object, data loading, site and more.
- Enable feedback mechanisms from the application and tracking the feedback from Oracle APEX.

Benefits to You

When you walk away from this course, you will have

developed the knowledge and skills to create database applications using desktop and mobile interfaces. You'll learn how to enhance your application by adding various components like reports, forms, items, dynamic actions, calendars, charts, plug-ins and other shared components required in an application.

Zielgruppe

- Project Manager
- Database Administrators
- Web Administrator
- System Analysts
- Application Developers
- Business Intelligence Developer
- Forms Developer

Voraussetzungen

Required Prerequisites:

- Basic knowledge of SQL, PL/SQL, and HTML

Suggested Prerequisites:

- Oracle Database: SQL Workshop I
- Oracle Database: SQL and PL/SQL Fundamentals

Kursziele

- Create Pages and Regions in an Application
- Log in to an Oracle Application Express Workspace
- Create Page and Application Items and Buttons
- Create Page Processes and Validations
- Implement Security
- Manage Application Navigation

- Extend an Application
- Create Themes and Templates
- Create Shared Components such as Tabs, Lists, and Breadcrumbs
- Add Dynamic Actions
- Import and Use Plug-Ins
- Create and Use Calendars and Trees
- Utilize Application Express Printing methods
- Manage Application feedback
- Create Reports and Forms in an application
- Create and Run Database Applications using desktop and mobile interfaces

Detallierter Kursinhalt

Course Overview

- Course Goals
- Course Outline
- Order Management Database Application (OMDA)
- Introducing Course Persona: Jack
- Course Environment: Products Installed
- Course Environment: Workspace Details
- Accessing the Labs Directory

Introducing Oracle Application Express

- Application Express Overview
- Application Express Terms and Concepts
- Using Application Express

Creating a Desktop and Mobile Database Application

- Application Builder Overview
- Introducing Database Applications
- Creating Database Applications
- Creating Mobile Application

Working with Reports for Desktop Application

- Introducing Reports
- Using Classic Reports
- Using Interactive Reports
- Creating and Customizing an Interactive Report

Working with Reports for Mobile Application

- Creating Reports for a Mobile Application
- Creating Column Toggle Report
- Creating a Reflow Report

Creating Forms

- Using Forms
- Creating Forms
- Modifying Forms
- Creating a Form in a Mobile Application

Working with Pages and Regions

- Introducing Page Definition
- Working with Page Regions
- Working with Pages

Adding Items and Buttons

- Introducing Items
- Using Items
- Creating List of Value (LOV) Type of Items
- Using Buttons

Understanding Session State

- Understanding Session State in Oracle Application Express
- Using Session State in Oracle Application Express

Including Page Processing

- Introducing Page Processing
- Including Computations
- Including Processes
- Including Validations
- Including Branches

Validating and Debugging Your Application

- Using the Advisor
- Managing Your Attribute Dictionary
- Debugging Your Application

Adding Shared Components That Aid Navigation

- Introducing Shared Components
- Creating Tabs
- Creating Lists
- Creating Breadcrumbs
- Creating a Navigational Bar

Working with Themes, Templates and Files

- Using Themes
- Using Templates

- Using Files

Implementing Security

- Securing an Application
- Using Authentication Schemes
- Using Authorization Schemes
- Using Session State Protection

Managing Application Navigation

- Building a Hierarchical List with Images
- Building a Site Map
- Enforcing Authorization on Your Site Map
- Linking Interactive Reports using a Declarative Filter

Extending Your Application

- Creating Data Load Wizard Pages
- Creating an Upload and Download Page
- Adding BLOB Data to an Existing Application
- Sending Email from an Application

Creating and Editing Charts

- Creating and Using Charts
- Enhanced Charting Examples

Adding Calendars and Trees

- Using Calendars
- Using Trees

Using Dynamic Actions and Plug-Ins

- Using Dynamic Actions
- Using Plug-Ins

Utilizing Application Express Printing

- Printing a Standard Report with Derived Output
- Creating a PDF Report with Multiple Queries

Managing Application Feedback

- What is Team Development?
- Managing Feedback

Über Fast Lane



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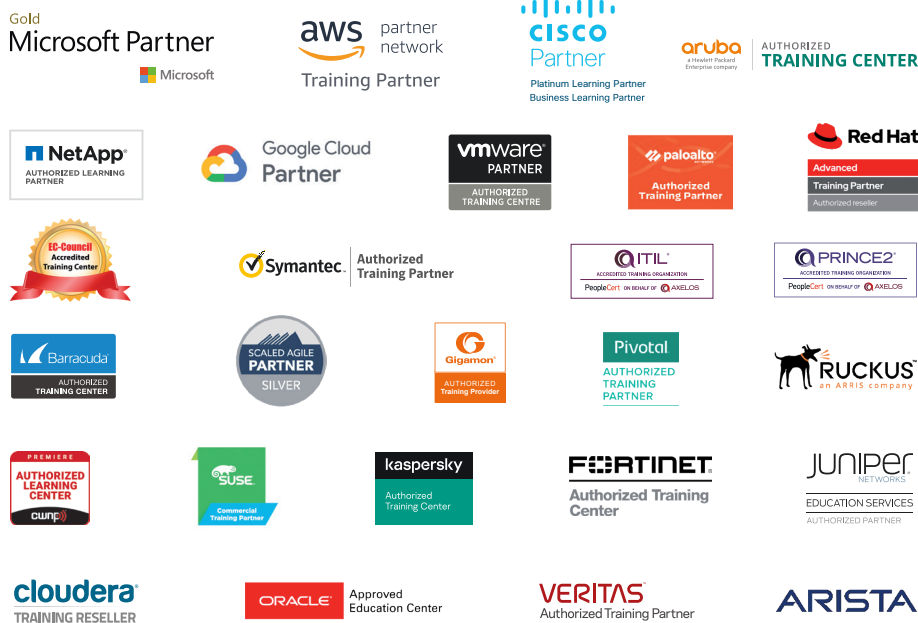
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- ✓ Eventmanagement-Services

Trainingsmethoden

- ✓ Klassenraumtraining
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Klassenraum und ILO kombiniert
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobiles Lernen

Technologien und Lösungen

- ✓ Digitale Transformation
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