

EBS EXTENSIONS WITH APEX

“UP AND RUNNING” PACKAGE

QUICK SUMMARY

An on-site visit from an EBS-APEX expert who:

1. installs and configures the EBS-APEX integration code and starter application.
2. delivers Insum's APEX Fast Track Training course.
3. sets up the ongoing Remote Coaching program.

OVERVIEW

Many organizations are beginning to leverage Oracle Application Express (APEX) to build Oracle E-Business Suite extensions (EBS). APEX is a rapid application development framework included with the Oracle database as a no-cost option, which provides an effective and economical way to extend EBS with little to no impact to existing installations. In addition to providing rich user interfaces through stand-alone or fully integrated applications, using APEX to extend EBS can also simplify future EBS upgrading and patching.

Insum’s "Up and Running with EBS and APEX" package is specifically designed to jump start the development of EBS extensions with Oracle APEX. Delivered onsite, the package contains everything an organization needs to get started with EBS-APEX development, including installation and setup guidance, preconfigured integration packages, starter application templates, and development coaching.

VALUE PROPOSITION

In just a few days, your team will be fully equipped to build and deploy powerful EBS extensions with APEX, including:

- rich dashboards,
- interactive reports,
- customized data entry screens
- dynamic data interfaces.

And, with the pre-configured application templates included with the package, your team will be ready to deploy their first APEX application within hours.

KEY PACKAGE DELIVERABLES

- EBS and APEX Environment setup and review
- Single Sign-On (SSO) Engine Installation
- EBS-APEX Integration Package Installation
- APEX Starter Application Implementation
- APEX “Fast Track” Development Training
- Ongoing Development Coaching Retainer

Key Benefits:

- Reduced implementation timelines from leveraging pre-configured scripts and template applications
- Increased capability to rapidly deliver highly functional applications with Fast Track training and direct access to expert development coaching
- Assurance your EBS-APEX integration and configuration is optimal for stated purpose
- Guidance on application architecture and EBS-APEX development Best Practices
- Reduced implementation and security risk

Duration:

- Five days

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UP AND RUNNING PACKAGE DETAILS

The package includes an on-site visit from an EBS-APEX expert and has three core components.

1. EBS-APEX Installation and Setup

Insum has put together a set of tools and scripts explicitly designed for integrating APEX applications with EBS. In addition to ensuring APEX, ORDS, and the application server (e.g. WebLogic, GlassFish, Apache Tomcat) are installed and configured properly, the Up and Running package includes the following:

- **SINGLE SIGN-ON (SSO) ENGINE IMPLEMENTATION AND CONFIGURATION**

Consisting of PL/SQL and an APEX application, the SSO engine allows EBS to launch APEX applications securely without the need for users to authenticate again when the APEX application is loaded. It is designed for calling APEX applications and captures the caller's attributes (user id, responsibility id, application id, etc.), which can then be used in APEX. For EBS specifically, a custom JSP is provided to work with the SSO engine, which is called from a standard function defined in EBS.

- **INTEGRATION PACKAGE IMPLEMENTATION AND CONFIGURATION**

Within APEX, the APEX application (i.e. extension) needs to be set in the EBS context. The Insum EBS-APEX integration package is a common package that contains a set of functions and procedures, which enables any APEX application to recognize the EBS context. After authentication, the integration package is used to read the information about the session, responsibility used, profile options, etc., and executes the appropriate components required to set the EBS context properly.

- **APEX STARTER APPLICATION**

Instead of starting from scratch, an EBS-APEX application can be copied from a "template", which contains everything necessary for integrating with EBS. The Insum APEX starter application is a pre-configured application we've developed to take care of the heavy lifting for you, which contains all the required components from the integration package and SSO engine already configured to set the application in the EBS context. Using our starter application as a template, you can focus on building your application without worrying about the EBS-APEX integration and authentication details.

2. APEX Fast Track Training

The Up and Running package includes APEX Fast Track Training, which is designed to ensure the application development team is comfortable with APEX development. Using the material from the official APEX Training course, the Fast Track Training provides participants with exposure to building web-based applications specifically related to managing structured data within EBS. The principles presented are:

- APEX architecture
- APEX components, how they work together
- APEX design strategies
- APEX on the web, stateless architecture
- APEX in the Oracle Database, leveraging the power of Oracle
- APEX Integration with its supporting technologies, HTML, CSS, JavaScript

3. EBS Remote Coaching

Remote coaching provides on-demand access to an EBS-APEX consultant for trainees to gain further support as they venture into their own development after the onsite visit. It includes a block of hours to be used following the onsite visit. The objectives of remote coaching are to:

- provide guidance on the trainee's first project, and answer technical questions as they arise.
- provide advice on best practices for EBS-APEX development efforts.
- reduce "wheel spinning" time for challenges encountered for the first time.

Coaching greatly enhances productivity of newly trained employees by ensuring they have access to a development coach when they run into challenges as they work on their own development projects.