

ORACLE | APEX

Oracle APEX 24.2

New Features



*“ We're now building a lot of our applications in **APEX**. And our productivity gains are, again, a factor of **10**. And we build the applications in **one tenth** the time, or **one tenth** the amount of people, or at **one tenth** the cost. But these are not typical low-code applications. These are applications that can scale to **millions** of users and all over the world.”*

- Larry Ellison

Founder & CTO, Oracle

What's New in Oracle APEX 24.2?

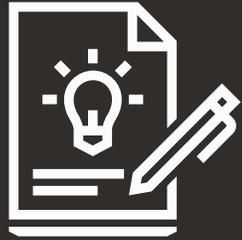
- AI-Assisted Development
- Provide RAG Data for AI Calls
- Integrating with Fusion Applications
- New and Updated Components
- Developer Experience
- User Experience
- Additional Updates and Enhancements



apex.oracle.com



Oracle APEX 24.2: What's New?



Quickly create apps - APEX GenDev

Custom Data Models using AI



Add AI Capabilities to APEX Apps

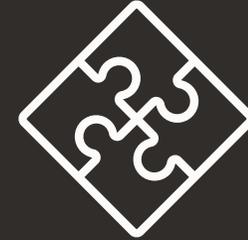
AI Configurations

Conditional RAG Sources

Search Configuration using

Oracle AI Vector Search

Generate Text with AI



Build Enterprise-ready Apps

Extend Oracle Fusion Applications

JSON Data Sources

Workflow Templates

AI-Assisted Development



Create a Data Model from a Prompt

APEX Assistant

Create a data model with the prefix PM to manage projects, milestones, tasks, task to-dos, task links, and comments, including multiple rows of data for each table. RT

Certainly! Here's an optimized data model for managing projects, milestones, tasks, task to-dos, task links, and comments, along with constraints, sequences, and trigger definitions. The multiple rows of data inserts will be added to provide sample data for each table.

```
sql
-- create projects table
create table pm_projects (
  id                number          generated by default on null as identity
                    constraint pm_projects_pk primary key,
  name              varchar2(255)  not null,
  description       varchar2(4000),
  created_on        date            not null,
  created_by        varchar2(255)  not null,
  updated_on        date            not null,
  updated_by        varchar2(255)  not null,
  row_version       integer         not null )
/
```

I have created the tables with appropriate relationships, constraints, and triggers for the data model. Each table also has multiple rows of sample data inserted.

1. Do you need any additional attributes for any specific entity?
2. Any specific integrity constraints or business rules you want to implement in this data model?

Create SQL Script

Type your message here

SQL Format **Oracle SQL** Quick SQL

Create your **Own Schemas** from a Prompt

Generate scripts either in **Oracle SQL** or **Quick SQL format**

Build a **Data Model** and generate **Sample Data**

<https://apex.oracle.com/go/blog-create-data-model-using-ai>



Generate Text with AI - Overview

Generate a **one-time response** based on user content

Leverages **Generative AI services**

Can also leverage centralized settings defined in **AI Configurations**

Configurable **System Prompt, Input Value, and Use Response** attributes

The screenshot displays the Oracle APEX configuration interface for a 'Generate Text With AI' action. The left sidebar shows the page structure with 'Generate Text With AI' selected under 'Dynamic Actions'. The main workspace is divided into three panes: 'Layout', 'Action', and 'Regions'. The 'Layout' pane shows the page structure with 'Generate Text using AI' as a banner. The 'Action' pane shows the configuration for the 'Generate Text With AI' action, including 'Identification', 'Generative AI', 'Input Value', and 'Use Response' sections. The 'Regions' pane shows the 'GenerateSong' button.

Layout Page Search Help

Page 13: Generate Text using AI

Pre-Rendering

Components

Body

P13_FRUITS

GenerateSong

Dynamic Actions

Generate Text

True

Generate Text With AI

False

P13_GENERATED_EMAIL

Post-Rendering

Generate Text using AI

BANNER

AFTER LOGO BEFORE NAVIGATION BAR AFTER NAVIGATION BAR

TOP NAVIGATION

BREADCRUMB BAR

FULL WIDTH CONTENT

BODY

P13_FRUITS

GenerateSong

Action

Filter

Identification

Name

Action Generate Text With AI

Generative AI

Configuration - Select -

Service Open AI

System Prompt

Write a short song that includes all the fruits from the given JSON array. Print only the song, nothing else.

Input Value

Type Item

Item P13_FRUITS

Use Response

Type Item

Item P13_GENERATED_EMAIL

Regions Items Buttons

Avatar Badge Brea... Cale... Cards

Chart Classic Report Com... Cont... Row Dyn... Cont...

Face... Search Form Help Text Inter... Grid Inter... Report

The screenshot displays the Oracle APEX interface showing the generated song lyrics. The 'Fruits' dropdown menu is set to 'Apple, Mango, Banana, Cherry'. The 'Generate Song' button is highlighted. The 'Generated Email' section contains the following lyrics:

Fruits
Apple, Mango, Banana, Cherry

4

Generate Song

Generated Email

Sure, here's your song:

(Verse 1)
Apple, Mango, Banana, Cherry,
Fruits that make our spirits merry,
In my basket, they're all so bright,
Each one a color to delight.

(Chorus)
Apple so crisp, Mango so sweet,
Banana gives us energy, it can't be beat,
Cherry on top, oh what a treat,
Together they make life complete.

(Verse 2)
Apple juice to start the day,
Mango smoothies on the way,
Banana bread when skies are gray,



Show AI Assistant Dynamic Action - Overview

A **Native Dynamic Action** in Oracle APEX which opens an AI Chat User Interface

Leverages **Generative AI Services** configured under Workspace Utilities

Rendered **Inline** or as a **Dialog**

Configurable **System Prompt** and **Welcome Message**

The screenshot displays the Oracle APEX workspace interface for configuring a dynamic action. The left sidebar shows the page structure for 'Page 1: Project Dashboard', with the 'Show AI Assistant' dynamic action selected under 'Dynamic Actions'. The main workspace shows the configuration for this dynamic action, including:

- Identification:** Name (Project Dashboard), Action (Show AI Assistant).
- Generative AI:** Configuration (Analyze Projects with AI).
- Appearance:** Display As (Dialog), Title (Project Dashboard).
- Initial Prompt:** (Empty field).
- Use Response:** (Checked).
- Quick Actions:** Message 1 (Open Tasks), Message 2 (Closed Tasks).

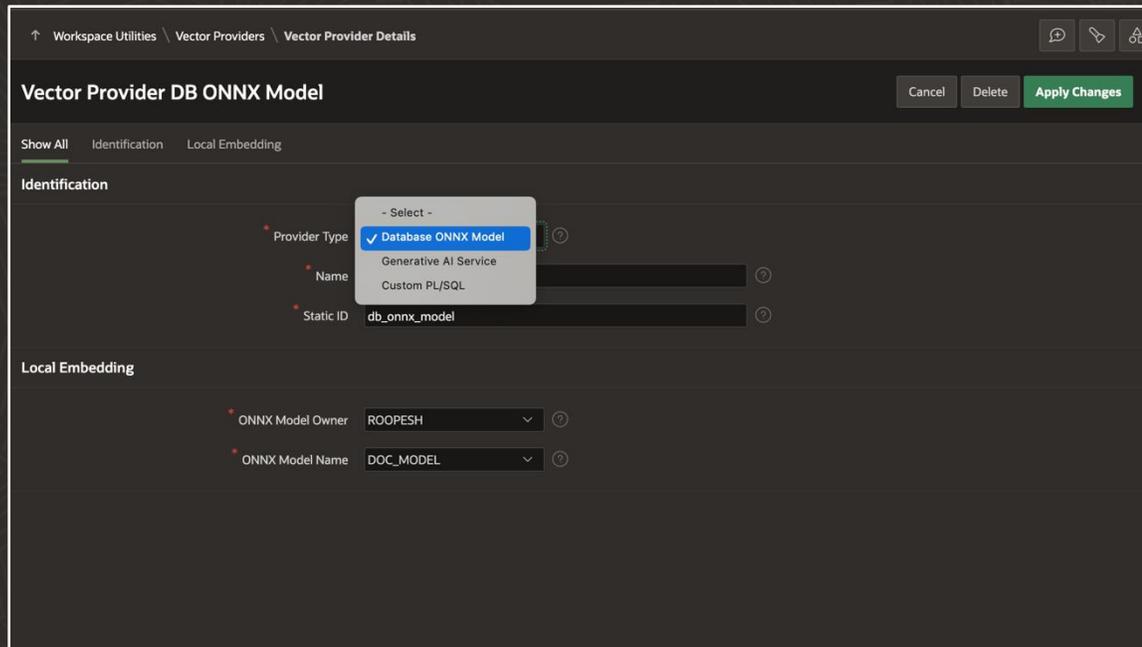
The bottom of the workspace shows a palette of UI components like Avatar, Badge, Breadcrumb, Calendar, Cards, Chart, Classic Report, Comments, Content Row, Dynamic Content, Faceted Search, Form, Help Text, Interactive Grid, and Interactive Report.

The screenshot shows the AI Assistant chat interface. It features a header with 'Assistant' and a close button. The chat area contains:

- A button labeled 'Open Tasks' with a 'RO' (Read Only) indicator.
- A system message: "Here are the open tasks from the provided information:"
- A list of tasks:
 - Project Name:** Project Alpha
 - Milestone Title:** Milestone Alpha 1
 - Task Name:** Task Alpha 1
 - Task Status:** pending
 - Project Name:** Project Alpha
 - Milestone Title:** Milestone Alpha 2
 - Task Name:** Task Beta 1
 - Task Status:** in progress
- A user question: "What is the status of Project Beta?" with a 'RO' indicator.
- A system response: "There is no specific task status mentioned for Project Beta in the provided information."
- Project Beta details:**
 - Milestone Title:** Milestone Beta 1
- A text input field at the bottom labeled "Type your message here".



What are Vector Providers?



- A **Vector Provider** enables you to convert text into an embedding
- Available **Provider Types**: Database ONNX Model, Generative AI Service, Custom PL/SQL
- Vector Providers are stored at the **Workspace level**
- Use **APEX_AI.GET_VECTOR_EMBEDDINGS** PL/SQL API to generate embeddings

<https://apex.oracle.com/go/search-configurations-vector>



Vector Search Support in Search Configurations - Overview

Search Configuration: Search Movies - Vector Cancel Delete Apply Changes

Show All Settings Subscription Source Column Mapping Icon and Display Link Server-Side Condition Advanced

Vector Attributes

Provider: ONNX Model

* Column Name: OVERVIEW_V (Vector)

Search Type: Exact

Distance Metric: Cosine

Column Mapping

* Primary Key Column: ID (Number) Primary Key Column 2: - Select Column -

* Title Column: TITLE (Varchar2) Subtitle Column: - Select Column - Description Column: OVERVIEW (Varchar2)

Custom Column 1: - Select Column - Custom Column 2: - Select Column - Custom Column 3: - Select Column -

Badge Column: - Select Column - Score Column: - Select Column - Last Modified Column: - Select Column -

Icon and Display

Icon Source: Initials

- Available exclusively on **Oracle Database 23ai**
- Create **Search Configurations** on the table with Vector Data type columns
- Configure **Index Usage, Distance Metrics, Max Vector Distance, and Max Results**
- Results are returned based on **Vector Similarity**

<https://apex.oracle.com/go/search-configurations-vector>

Provide RAG Data for AI Calls

What are AI Configurations?

Application 124 \ Shared Components \ Generative AI Configurations \ Create / Edit

Generative AI Configuration

Cancel Delete **Apply Changes**

Show All Identification Subscription Generative AI RAG Sources Advanced Comments

Identification

* Name

* Static ID

Subscription

Subscribe From

This is the "master" copy of this Generative AI Configuration.

No Generative AI Configuration subscribed to this configuration.

Generative AI

Service

System Prompt

1 Analyze the provided information and generate a concise summary in a single paragraph.

- **AI Configurations** centralize key Generative AI settings.
- Customizable **System Prompt, Welcome Message,** and **RAG Sources.**
- Use it in both the **Show AI Assistant** and **Generate Text with AI** Dynamic Actions
- Accessible via the **APEX_AI PL/SQL API** for seamless integration.

<https://apex.oracle.com/go/blog-ai-config-and-rag-sources>

RAG Sources - Overview

RAG Source [Cancel] [Delete] [Apply Changes]

Show All Identification Description Source Advanced Server-Side Condition Security Configuration Comments

Identification

Name Project Details RAG Source

Description

Description

Source

Type SQL Query

SQL Query

```
1 SELECT
2   'Project Name : '
3   || PROJECT_NAME
4   || CHR(10)
5   || CHR(13)
6   || 'Milestone Title : '
7   || MILESTONE_TITLE
8   || CHR(10)
9   || CHR(13)
10  || 'Task Name : '
11  || TASK_NAME
12  || CHR(10)
13  || CHR(13)
14  || 'Task Status : '
15  || TASK_STATUS
```

Advanced

Maximum Tokens

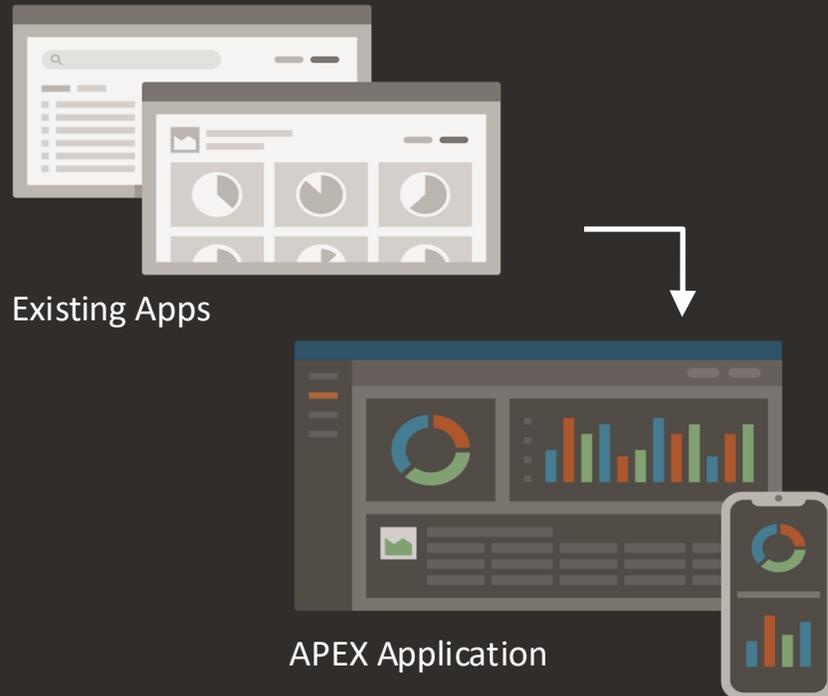
- Use **RAG Sources** to enrich AI conversations with application-specific data.
- Can include **SQL Queries**, **Function Bodies Returning CLOB**, or **Static Text**.
- Use **Authorization Schemes** or **Server-side Conditions** to control which RAG data is included.
- Use **APEX\$AI_ALL_USER_PROMPTS** and **APEX\$AI_LAST_USER_PROMPT** bind variables for custom RAG logic
- Utilize the **AI Configuration** in **Show AI Assistant** and **Generate Text with AI Dynamic Actions**

<https://apex.oracle.com/go/blog-ai-config-and-rag-sources>

Integrating with Fusion Applications



Integrating with Fusion Applications



- Quickly start Fusion Applications projects with the new **Fusion Integration** option, featuring pre-configured SSO, identity propagation, and testable REST setups.
- Easily build APEX apps using any **Fusion REST APIs**, including the latest **/api/boss** endpoints.
- Automatically discover supported **API operations** and **data profiles**.
- Optimize performance by delegating tasks like filtering and sorting to APIs, transferring only necessary data.

<https://apex.oracle.com/go/fusion-app>

New and Updated Components

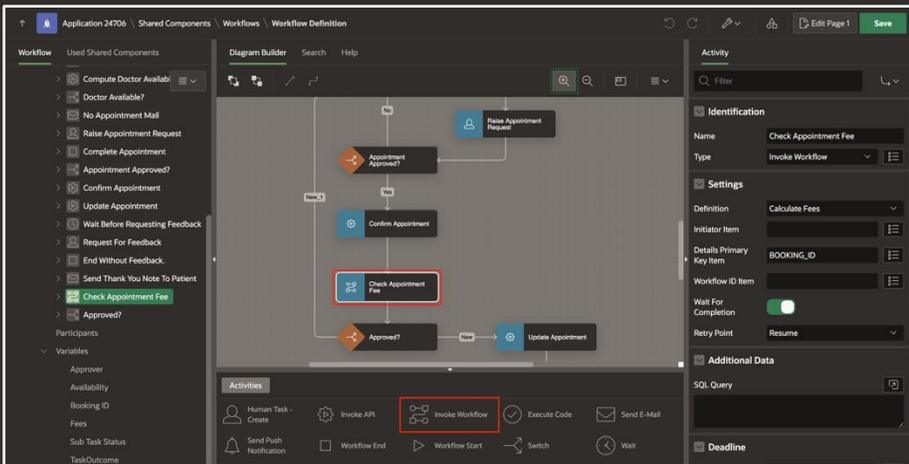


JSON Data Sources

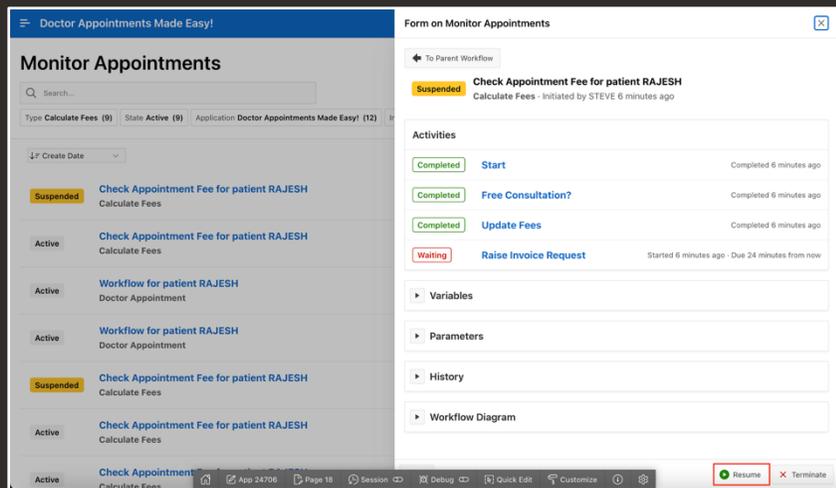
- Create a JSON-based **Data Source** in Shared Components.
- Oracle APEX auto-converts JSON, including nested structures, into rows and columns using **Data Profiles**.
- Build **Reports**, **Charts**, and **Forms** directly on JSON data —no JSON functions required.
- Use APEX_EXEC PL/SQL API to treat JSON as relational tables with full DML support.
- Integrate seamlessly with **Automations**, **LOVs**, and **Report Queries**.

<https://apex.oracle.com/go/json-sources-blog>

Workflow Enhancements



- Easily structure and reuse workflows by calling one workflow from another using the new **Invoke Workflow** activity with input and output parameters
- **Copy Workflow definitions** between applications to save time and avoid re-modeling similar workflows
- **Resume suspended workflows** at any activity to quickly address issues or errors
- Workflow variables and parameters now support the **CLOB data type**
- The Create Page wizard now generates simplified human task and workflow pages using **Template Components, menus, and modal dialogs** for easier customization



<https://apex.oracle.com/go/callable-workflows>

<https://apex.oracle.com/go/resume-workflows>



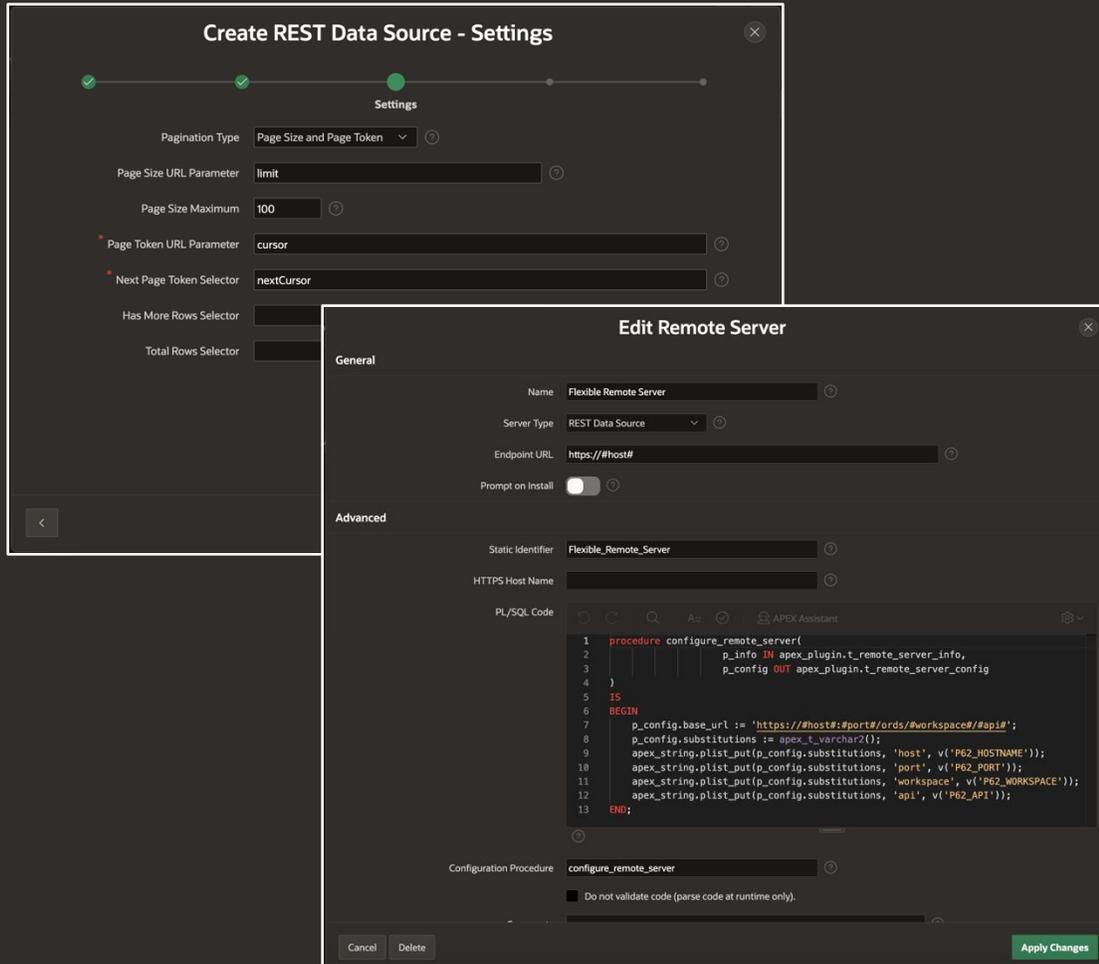
Template Components Enhancements

|  Configure Web Environment | | |
|--|---|----------|
|  | Identify Server Requirements Assignee: Tameka Hall | Complete |
|  | Configure Web Listeners Assignee: Mei Yu | Complete |
|  | Define Workspaces Assignee: Harold Youngblood | Pending |
|  Develop Bug Application | | |
|  | Customize the Bug Tracker app Assignee: Madison Smith | Complete |
|  | Train staff on use of Bug Tracker Assignee: Miyazaki Yokohama | Complete |

Template Components now support **grouping**, allowing developers to easily add **grouping headers**, similar to control breaks, for organized data presentation.

Simply define the grouping columns, set the region **Order By**, and provide an appropriate group title – APEX handles the rest.

REST Source Enhancements



- **Simple HTTP** REST Data Sources now support REST Services with **token-based pagination** for better integration with APIs.
- **Flexible derivation** of the Base URL for a Remote Server in REST Data Sources, REST SQL, and Authentication using a **PL/SQL procedure**
- Flexible Remote Server can make APEX invoke dynamic endpoints based on **current app, tenant, or environment settings**
- Set the scope of a **Web Credential** programmatically with the **APEX_CREDENTIAL** API

<https://apex.oracle.com/go/242-rest-data-source-enhancements>



Improvements to Text Messages

Create/Edit Text Message

Messages are designed to provide translation services for use in PL/SQL.

Application: 52475 APEX 24.2 New Features App

Name: TEXT_MESSAGE

Language: English (en)

Used in JavaScript:

Text: Hello %name, your order-> %orderno has been shipped. Percent complete: %percent%

Comments:

Cancel Delete Apply Changes

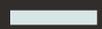
Name: Jon Order No: 20 Percent: 80

| | |
|---|---|
| Text Message Syntax Used | Output after Substitution |
| <code>&{TEXT_MESSAGE name=&P64_NAME. orderno=&P64_ORDER_NO. percent=&P64_PERCENT.}</code> | Hello Jon, your order -> 20 has been shipped. Percent complete: 80% |

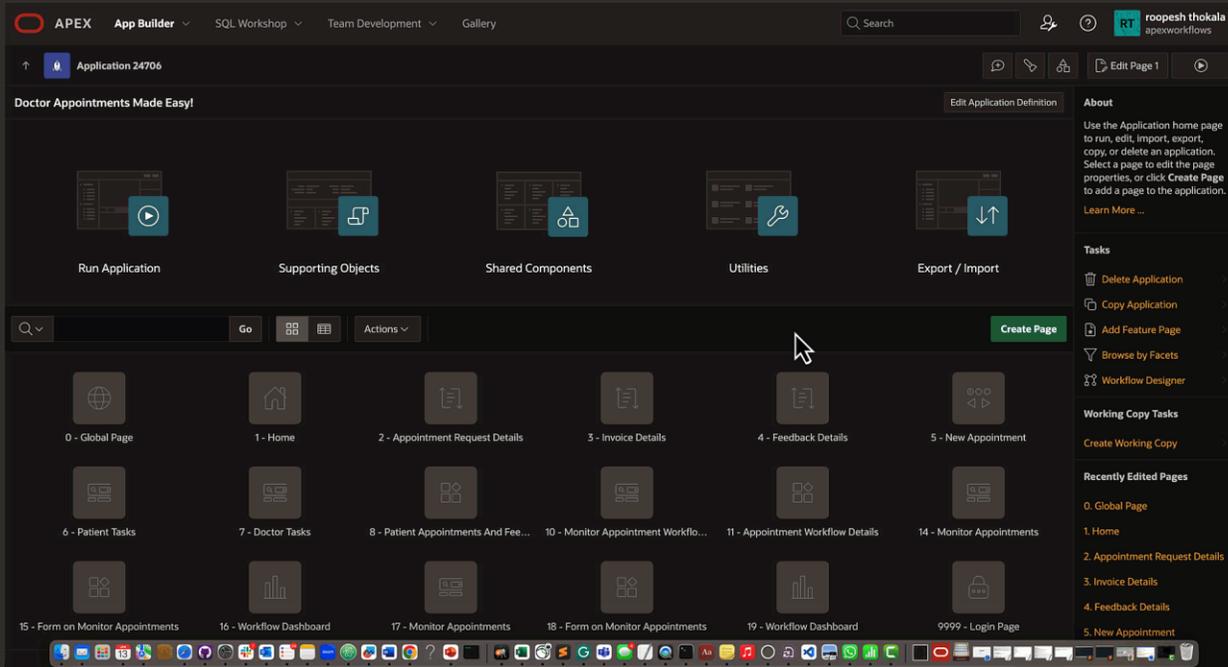
- Enhanced support for **substitution syntax**, simplifying how **Text Messages** are used in applications.
- **Shortened syntax** makes referencing Text Messages faster and more intuitive.
- **Named substitution parameters** improve code clarity and support more than ten substitutions in a single message.
- Easy **search** and **selection** of Text Messages directly within Page Designer for seamless development.



Developer Experience



Understanding Application Object Dependencies



- Easily scan and report **database object dependencies** for entire applications or specific pages
- Visualize dependencies in a **hierarchical tree format** and access **direct links** to detected references
- **Separates system dependencies** from schema objects developers manage
- Includes a **search filter** for streamlined navigation and code review of object references
- Enhances the **APEX_APP_OBJECT_DEPENDENCY API** with improved performance, bug fixes, and expanded detection capabilities

<https://apex.oracle.com/go/242-db-object>



General Builder Enhancements

Export and Import Pages across Workspaces

- Move pages seamlessly between different APEX environments by exporting one or more pages from one workspace, then importing them into an application in another workspace.

Builder Extensions

- Instance administrators can auto-subscribe workspaces to Extension Menu entries, eliminating manual subscriptions.

Simpler List Edit Experience

- The Edit List page now offers a more intuitive interface, with List details in an Interactive Report and bulk editing through a separate Grid Edit page.

Page Designer Enhancements

- Extend HTML title and breadcrumb with page and app information. Declaratively make modal dialog pages resizable with a new page attribute to switch the resizable setting on or off.

User Experience



Universal Theme Updates

Country Flags in Font APEX 2.4

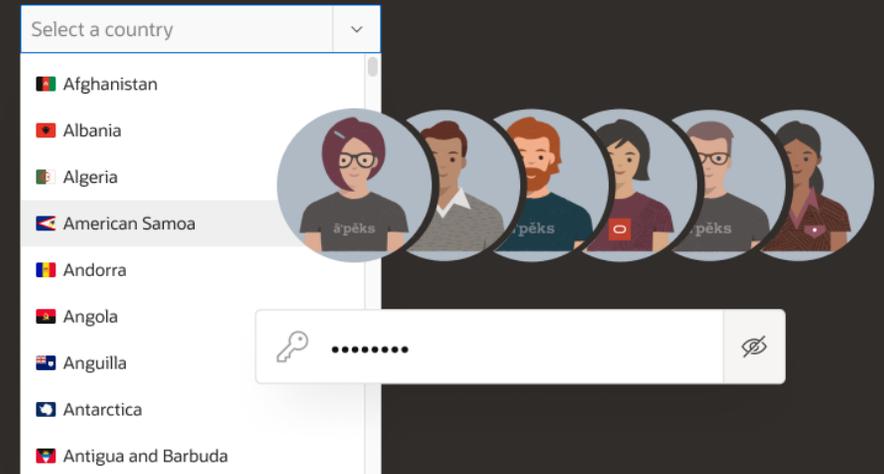
- Font APEX 2.4 adds over 250 colorful country flag icons to the Universal Theme.

Content Row Grouping

- The Content Row region type has been updated to support Template Components' new Grouping feature, which includes support for both a title and an icon in group headings.

Multiple Avatars

- The ability to create regions of multiple Avatars is now supported, with new configuration options for spacing and stacking Avatars.



Universal Theme Updates - Continued

New Utility Classes

- A number of new utility classes for Typography, Shadows, Flex Order, Padding, and Margin give developers further control over their applications' style and layout.

Password Visibility

- A new password visibility toggle for Password items lets users view or hide an entered password.

Performance

- Universal Theme is now stored in a Centrally located theme repository, improving performance, reducing export file size, and streamlining CI/CD processes.

Additional Theme Updates

- Updates to Universal Theme include better dynamic toolbar support for mobile browsers and enhancements to Redwood Light.

Accessibility Improvements

Read-Only Elements

- Read-only elements in App Builder now support improved accessible rendering, enhancing features introduced in the 24.1 release.

Builder Heading Improvements

- Heading levels in App Builder have been refined to address hierarchy issues for better accessibility.

ARIA Live Regions

- ARIA live regions in APEX have been modularized for enhanced accessibility, ensuring consistent live message handling for screen reader users.



OpenTelemetry Support

Utilize OpenTelemetry features in APEX applications to meet industry standards for instrumenting and collecting client-side telemetry data.

UX Analysis

- Gain deeper insights into UX performance by using OpenTelemetry to gather data on resource fetch timings, AJAX/XHR requests, and user interactions.

Declarative Telemetry Configuration

- Set up Client Logging Service (CLS) endpoints and Token Relay URLs easily from Workspace Utilities, and configure OpenTelemetry settings per application.



Additional Updates & Enhancements



Excel Support for Document Generator

The **Document Generator Integration service** has been improved to support Excel templates as Report Layouts

Generate documents in new formats:

- DOCX to DOCX
- XLSX to PDF
- XLSX to XLSX

<https://apex.oracle.com/go/docgen-enhancements>

Select Many Improvements

- New **Comma-separated List** display option allows adding a counter button to items.
- The counter shows the **number of selected values**.
- Pressing the counter opens a dropdown with only the selected values.

<https://apex.oracle.com/go/242-sm-enhancements>



Faceted Search Enhancements

- Faceted Search now supports **Add Filter Dialog** for displaying multiple facets conveniently on the page.
- New **synchronization feature** for Faceted Search and Smart Filters regions enables the quick creation of new facets for existing regions.

<https://apex.oracle.com/go/242-sm-enhancements>

Search Page Improvements

- **Improved UI** for Search Pages created from Search Configurations.
- Search Input Field now includes:
 - Default search icon
 - Clear-on-ESC functionality
 - Placeholder text
- Standard **default messages** have been added for the Search Results region to avoid an empty results region before any search has happened.



Additional Updated and Enhancements - Continued

Outdated App Translation Information

- When running a translated version of an application, developers will be notified if the translated version is not up-to-date with the primary language.

Unlimited Attributes for Item Plug-Ins

- Item Plug-ins now support unlimited attributes, utilizing the enhanced infrastructure introduced in 23.2 and 24.1 releases for Template Components and Regions.

Declarative Pagination Control

- Developers can now control pagination behaviour with the Refresh Dynamic Action on Interactive Reports.
- While the default resets pagination, developers can configure reports to maintain the current pagination and scrollbar position after a refresh.

Additional Updated and Enhancements - Continued

Substitution String for MAIN_APP_ID

- When application logic depends on the application ID, developers can use a new substitution string MAIN_APP_ID to reliably reference the main application ID, even when running in a working copy.

Modernized Popup LOV

- Popup LOV search attributes have been updated to be consistent with new LOV components like Select One, Select Many, and Combobox.
- Enhanced search capabilities with Match Type and Case Sensitive attributes.

Map Region Labels

- Map regions have been enhanced to provide full support for right-to-left text rendering. This fixes an outstanding bug regarding displaying RTL labels in Map regions.

Content-Security-Policy

- This release enhances support for content-security-policy, eliminating unsafe inline styles, script tags, and JavaScript pseudo URLs across the APEX platform.



PL/SQL API Updates

APEX_APPLICATION_ADMIN

- New SET_REMOTE_SERVER procedure to programmatically set the Base URL of a Remote Server object

APEX_CREDENTIAL

- New SET_SCOPE procedure to programmatically change the "scope" attribute of a Web Credential

APEX_PAGE

- New parameter p_absolute_url of type boolean added to the function GET_URL. When set to false, its default, it automatically determines if an absolute URL is needed. When set to true, an absolute URL is always generated

APEX_REGION

- New GET_ID function to return the ID of a region for a named region on a page of your app



PL/SQL API Updates

APEX_SHARED_COMPONENT

- The new APEX_SHARED_COMPONENT package contains two APIs for working with shared components: REFRESH and PUBLISH. It is only available in full APEX installations.

APEX_LANG

- Updated CREATE_MESSAGE procedure
 - New p_metadata parameter to optionally add any additional supporting data for a Text Message - e.g. Fusion teams will use to add additional data in JSON format
 - New p_comment parameter to optionally add comments against a Text Message
- New overloaded UPDATE_MESSAGE procedure
 - Provides full set of parameters - p_id, p_name, p_language, p_message_text, p_used_in_javascript, p_metadata, p_comment
- New GET_MESSAGE function
 - Formats a Text Message with named substitution variables 'Hello %name is your birthday on %fulldob?'



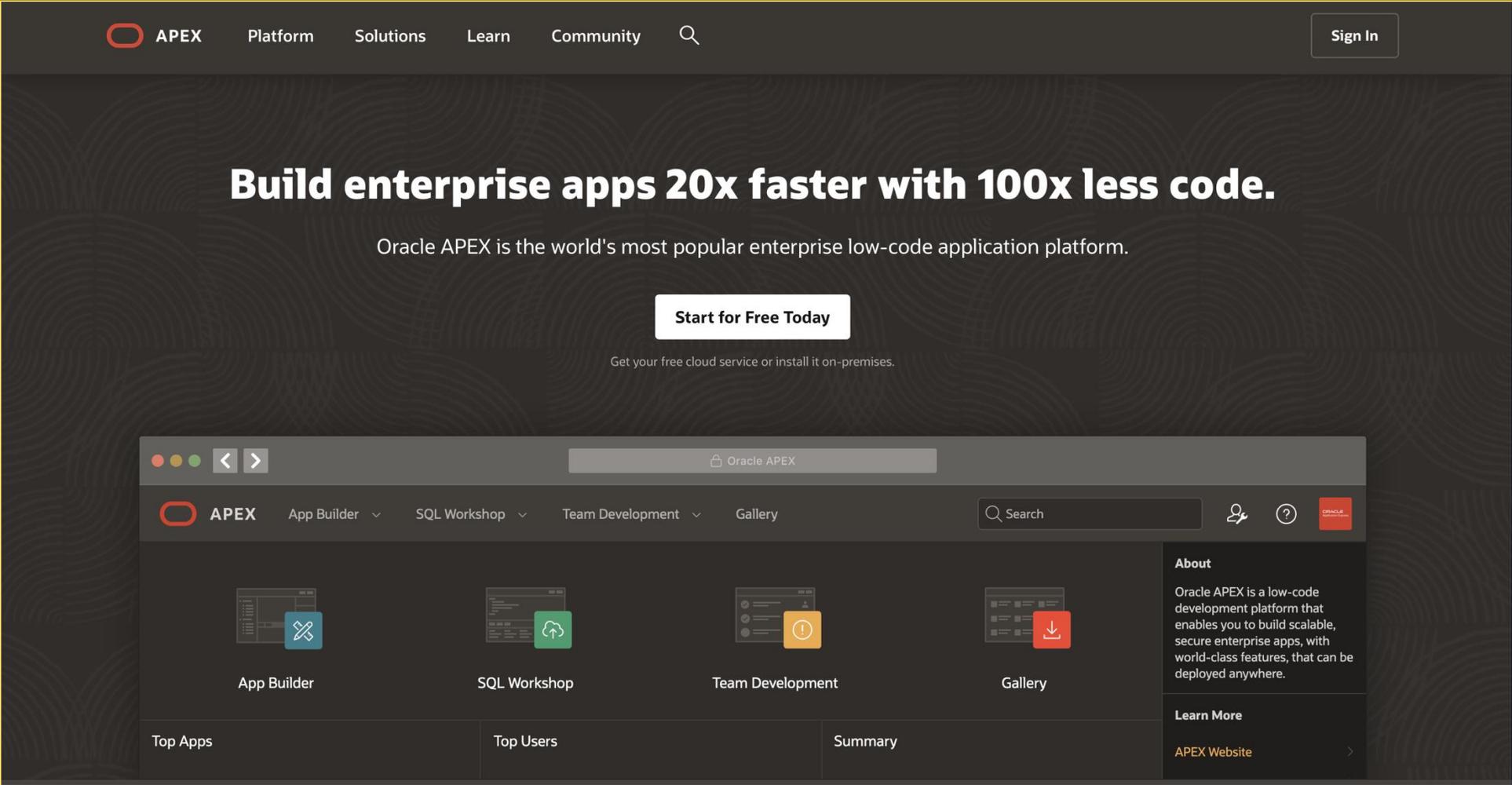
JavaScript Library Upgrades

- cropperjs 1.6.2
- DOMPurify 3.1.6
- Font APEX 2.4
- FullCalendar 6.1.15
- jQuery Migrate 3.5.2
- Less.js 4.2.0
- Map Region: Upgrade Mapbox to MapLibre 4.6.0
- MarkedJS 14.1.0
- Monaco Editor 0.51.0
- Oracle JET 17.0.2
- Oracle Rich Text Library 2.0.1
- PrismJS 1.29.0
- Terser 5.31.3
- Turndown 7.2.0



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Upon completion, you will have a practical knowledge of APEX concepts and capabilities, and a solid footing on how to build APEX apps.

[Enroll Now](#)

APEX Foundations

apex.oracle.com/go/foundations

APEX Developer Professional Learning Path

apex.oracle.com/go/professional-ai-lp

Consists of **TWO** courses:

1. apex.oracle.com/go/professional
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The screenshot shows the Oracle APEX Developer Professional learning path page. At the top, it says "Become An Oracle APEX Developer Professional" with a status of "Learning Path" and "Status In Progress". There are icons for "Community" and "You are enrolled in this path!". The main content area has a dark background and contains the following text:

This learning path enables developers to design, develop, and deploy scalable, secure enterprise applications using Oracle APEX by integrating AI capabilities to create innovative solutions.

Learning Objectives:
By the end of this course, you will be able to:

- Develop and deploy modern, secure, and scalable enterprise applications with Oracle APEX
- Create dynamic, data-driven interactive reports and dashboards that deliver actionable real-time insights
- Enhance application functionality and streamline business process management using Oracle APEX Workflow capabilities
- Implement robust authentication and authorization mechanisms to safeguard application integrity
- Integrate Oracle Cloud Infrastructure (OCI) AI services, including Generative AI, Vision, Oracle Digital Assistant (ODA), and Document Understanding, to create AI-powered applications
- Leverage the power of AI Vector Search to enable Retrieval-Augmented Generation (RAG) features for advanced AI-powered solutions.

This Learning Path also prepares you for the **Oracle APEX Cloud Developer Professional certification**.



Oracle APEX : Empowering Low Code Apps with AI

APEX with AI



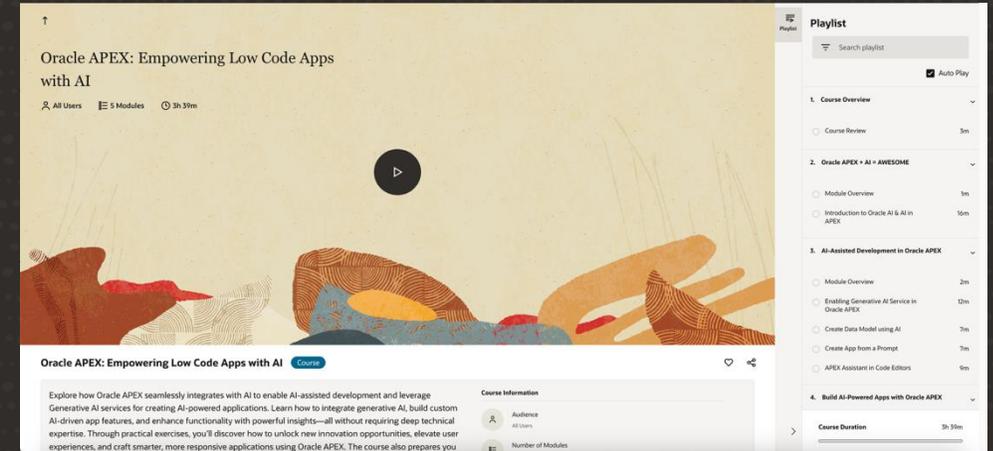
Master the integration of cutting-edge AI features to build smarter, more interactive Oracle APEX low-code applications.

3+ hours of expert training delivered by the APEX Product Team

Hands-on-Labs to practice along with the training videos

Enroll and learn for **FREE** today on Oracle University!!

apex.oracle.com/go/ai-learn



Oracle APEX Professional Learning Path

Learning path consists of two key courses:

- Oracle APEX Developer Professional
apex.oracle.com/go/professional
- Oracle APEX : Empowering Low Code Apps with AI
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#Oracle #LowCode #orclAPEX #orclAPEXCertified #OracleCertified #AI #GenAI

Get Oracle APEX Certified !

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Why should you get certified?

- Validates your skills, making you more competitive in job markets that require Oracle APEX low-code development expertise
- Ensures you understand best practices for building secure, scalable web and mobile apps with world-class features that can be deployed anywhere—cloud or on-premises.
- Showcase your skills in low-code application development
- Enhance your expertise in AI-powered low-code app development
- Open new career opportunities with Oracle APEX Cloud Developer Professional certification



#Oracle #LowCode #orclAPEX #orclAPEXCertified #OracleCertified #AI #GenAI

Become a Certified Oracle APEX Developer Professional

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1

Register

Login and Subscribe
to the Learning Path
for Free

2

Complete the first Course

Complete the Oracle
APEX Professional
Course along with
Hands-on Labs

3

Complete the Second Course

Complete the Oracle
APEX: Empowering Low
Code Apps with AI
Course along with the
Hands-on Labs

4

Prepare for the Certification

Take up the Practice
Exam and self asses
your Skills

5

Get Certified

Pass the exam and earn
your Badge!

Thank you





ORACLE

Our mission is to help people see
data in new ways, discover insights,
unlock endless possibilities.

