

Oracle APEX 26.2 – New Features

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Speaker

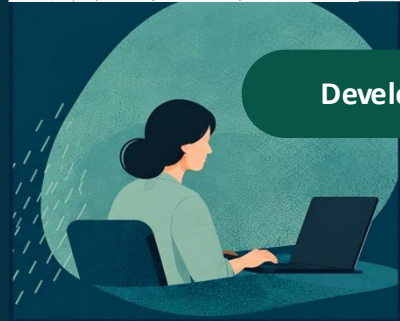
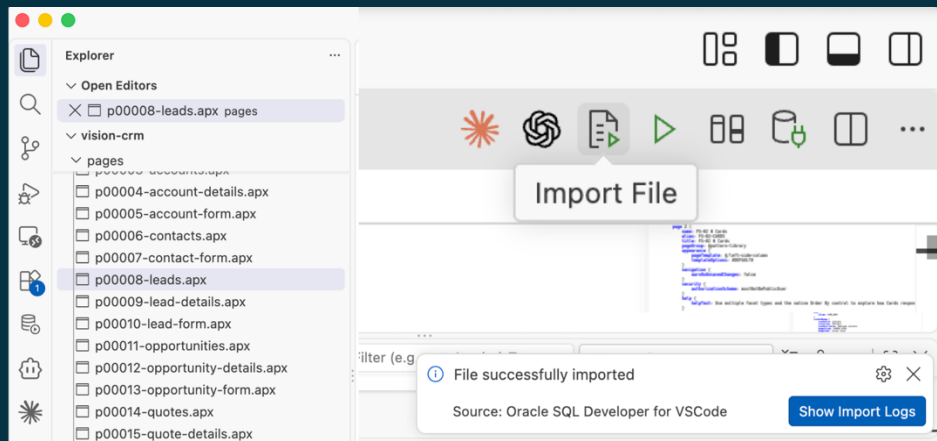
What's New in Oracle APEX 26.2?

- APEXlang Enhancements
- More Capable AI, with More Control
- A Smarter, More Modern Interactive Reports Experience
- Deep Data Security Integration
- Additional Platform Enhancements

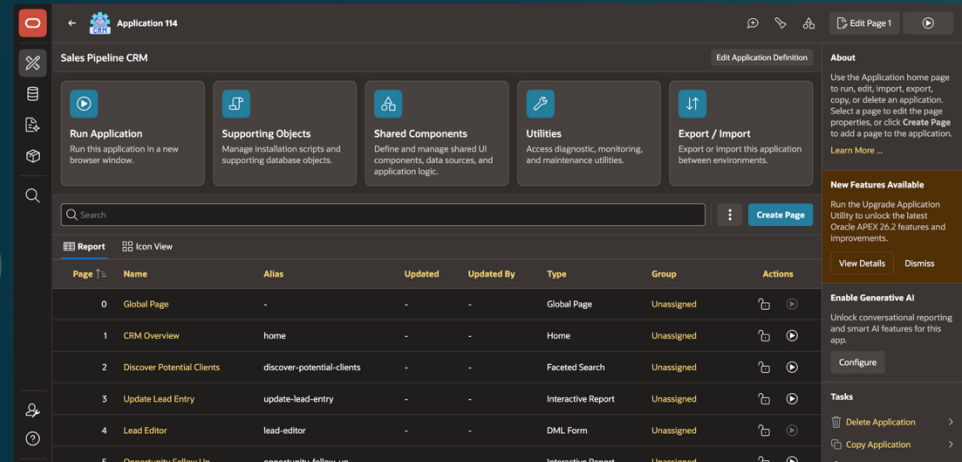
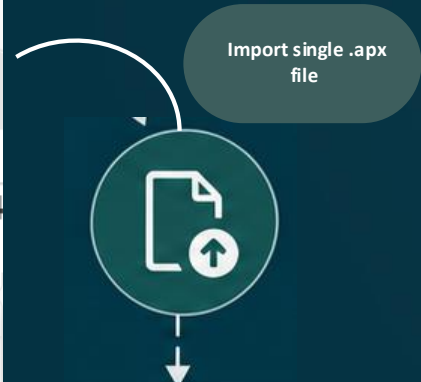


APEXlang Enhancements and New Features

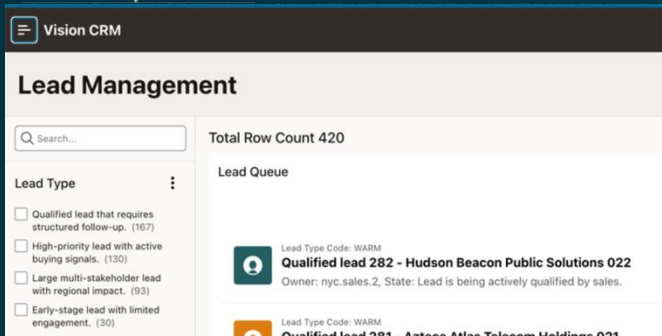
APEXlang File level Import



Developer 1



Developer 2



Faster imports for targeted changes



A shorter development and testing cycle



Less risk of affecting unrelated application components



Better support for parallel development

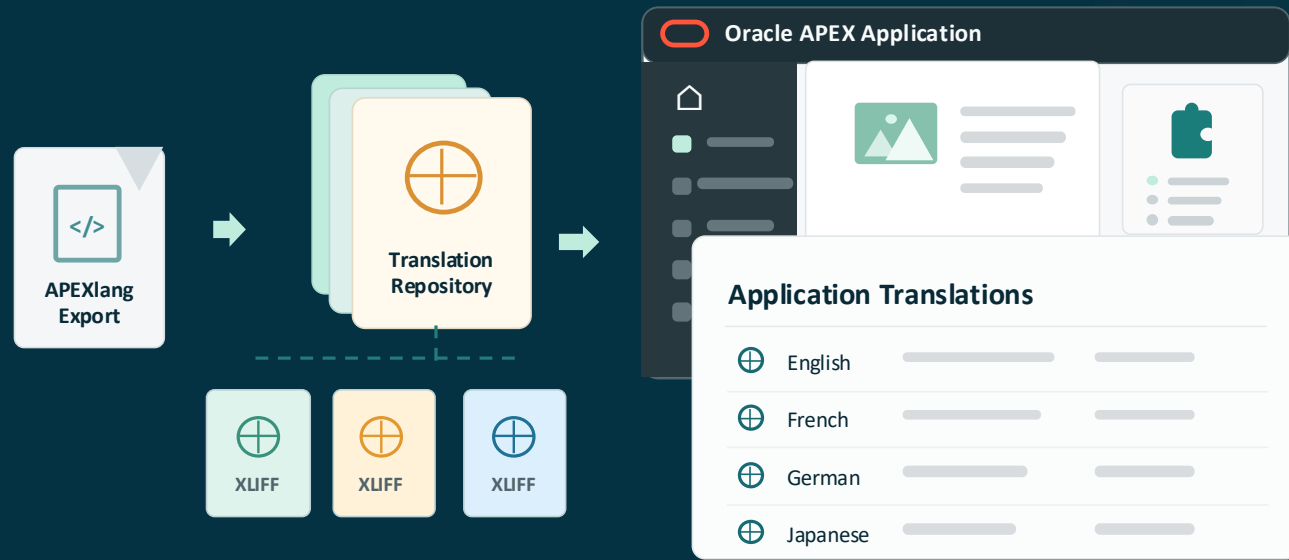


Easier troubleshooting through a smaller change scope



APEXlang Enhancements: Application Translations

Translation repository preserves application-based translations



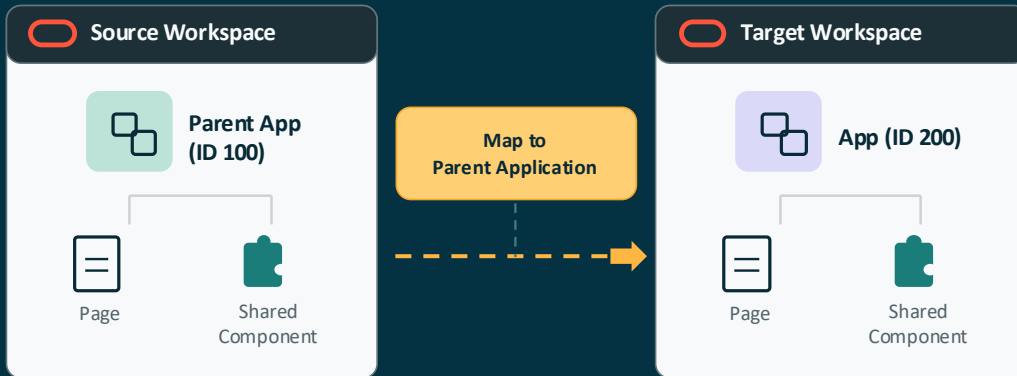
- Translation data now included with the application through APEXlang exports in Oracle APEX 26.2.
- Translation repository data is included as SQL artifacts, preserving links between translated text and application components.
- Works for new installations and application replacements, keeping translations connected to regions, items, buttons, and shared components.
- Simplifies multilingual CI/CD workflows by
- preserving existing XLIFF translation work across environments.

✓ Existing XLIFF workflows remain connected to application components

APEXlang Enhancements: Subscription Mapping



Subscription maps to parent application IDs across workspaces



Map to Existing Application

Source Application		Target Application
100	→	200
Page	→	v
Shared Component	→	v

- Supports subscription mapping for APEXlang imports
- Detects different master application IDs across workspaces
 - Reuses the existing subscription-mapping step in App Builder
- Prevents unresolved subscriptions during application deployment
-



App Builder brings APEXlang imports into the established mapping workflow

APEXlang static analysis

Scan exported .apx files with SQLcl CodeScan to identify supported security-configuration findings before deployment



Scan the application export

```
SQL> codescan -ext .apx export-dir
```



Supported checks include

Authorization requirements

Hidden-item value protection

Session limits and security defaults



AI Services and AI Agents: More Capable, More Controllable

AI Agents Reasoning effort

Generative AI Agent

Show All Identification Subscription Generative AI Tools Response Format Advanced Comments

On Demand

Name	Type	Execution Location	Shows Notification
lead_funnel_summary	Retrieve Data	Server-side	
opportunity_pipeline_summary	Retrieve Data	Server-side	

Response Format

Type

Default

None (Provider Specific)

Minimal (Provider Specific)

Low

✓ Medium

High

Extra High (Provider Specific)

Maximum (Provider Specific)

Advanced

Reasoning Effort

Temperature

Static ID

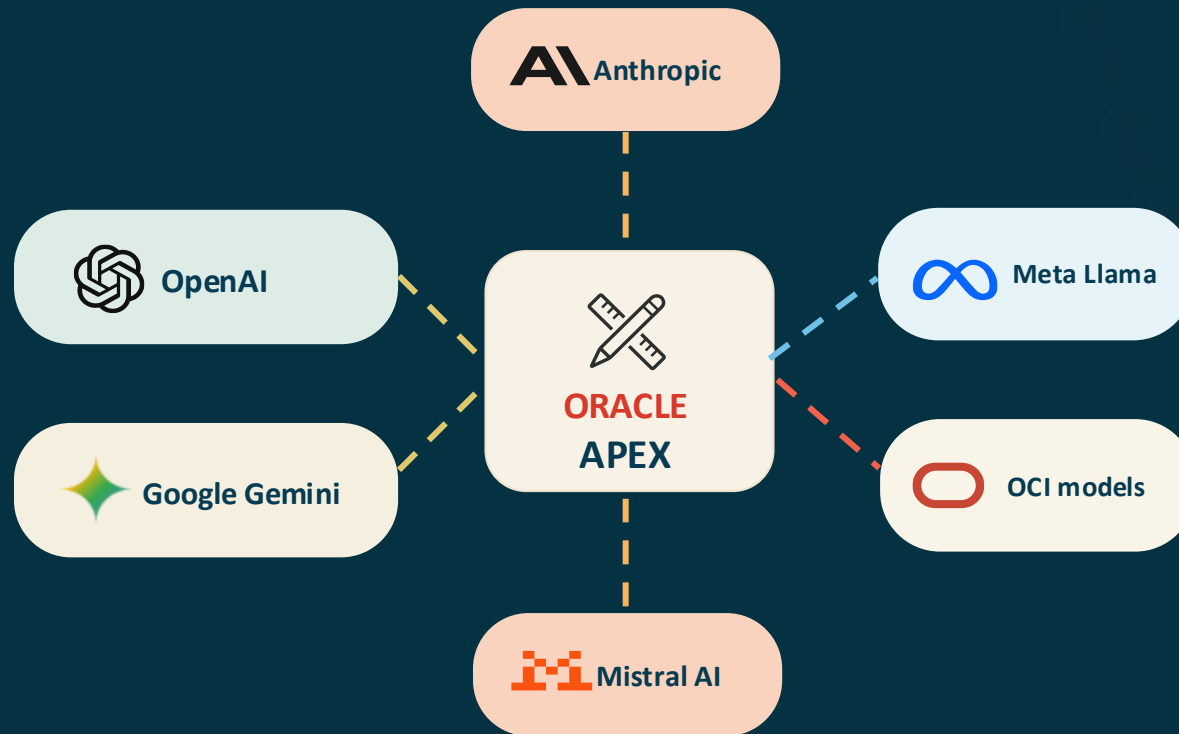
Comments



- Configure reasoning effort for each AI Agent
- Adjust effort programmatically or for individual requests
- Balance response quality with latency and token use
- Supported effort levels depend on the provider, API, and model



Expanded AI provider API support



-  Select the Provider API on a Generative AI Service
-  Responses support for OpenAI and compatible providers, including supported OCI models
-  Interactions support for Google Gemini
-  Dedicated OCI configuration fields simplify service setup

Navigation in AI Agents



Define available navigation targets and parameters



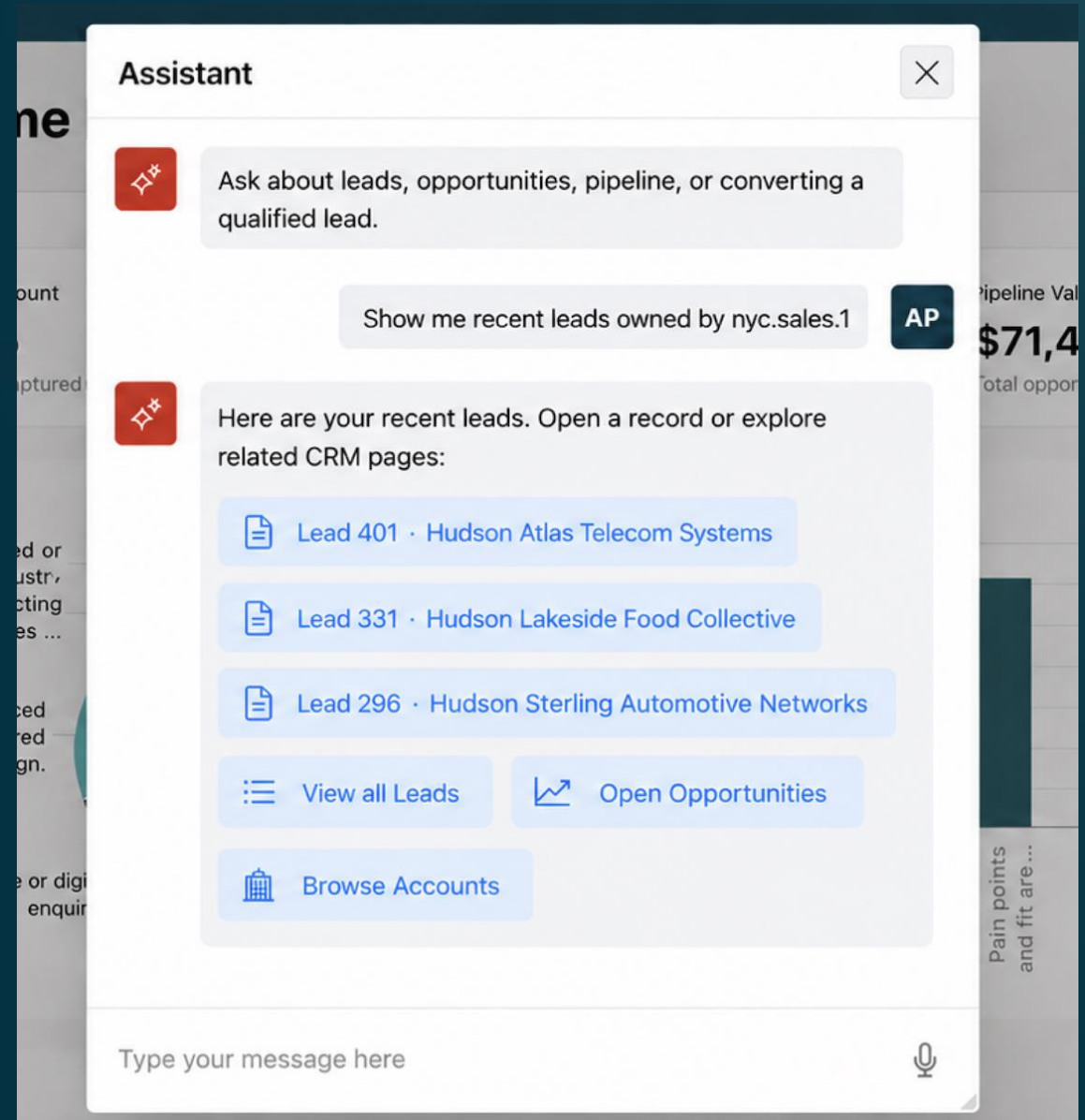
AI responses can include links to relevant application pages



Application code constructs the final URL



Final URLs and session information stay out of model messages



A Smarter, More Modern Interactive Reports Experience

Interactive Reports Enhancements

User-friendly experience, computation using plain language, and faster everyday commands

Modern Report Interface

↑ Sales by Region by Week

Search

All Week San Francisco Units San Francisco Total Sale Boston Area Units Boston Area Total Sale Chicago Area Units Chicago Area Total Sale

Quick Actions

Add chart
Create a saved chart view from the report.

Save report
Save the current report view.

Download report
Download the visible report columns.

2026.36	3,186	\$23,100	570	\$5,952	1,007	\$8,383
2026.35	1,438	\$10,125	171	\$1,300	347	\$2,231



Refreshed search controls and quick actions



Drag-and-drop column ordering

IndustryAccount Relationship Sta

↑≡

↓≡

📄×

≡

Filter...

☒ AUTO

☐ EDU

☐ ENG

☒ FIN

☒ FOOD

3 selectedClearApply

Expected Close DateOpportunity CategoryOpportunity Stage

↑≡

↓≡

📄×

≡

Start Date: 9/01/2026 End Date: 9/23/2026

< September 2026 >

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

Today

<ClearApply



Multi-select filters and date-range filtering

Interactive Reports Enhancements

Compute columns with AI IR

Compute Weighted Pipeline

Reset

Create

▼

Compute: Weighted Pipeline

×

	Opportunity Name	Account	Primary Contact	Next Review Date	Value Amount	Weighted Pipeline
✎	North America CRM expansion opportunity 0001	Hudson Atlas Manufacturing Group 001	Liam Williams	5/22/2026	132,000	132000
✎	North America CRM expansion opportunity 0010	LoneStar Liberty Public Networks 010	Harper Young	7/10/2026	225,900	225900



Creates a standard computed column



Review, edit, save, or remove it



Uses eligible columns in the current report

Text Templates in AI IR

Opportunities Tracker

filter Close reason by VALUE_CONFIRMED

▼

Close Reason = 'VALUE_CONFIRMED'

×

	Opportunity Name	Account
✎	North America CRM expansion opportunity 0001	Hudson Atlas Manufacturing Group 001
✎	North America CRM expansion opportunity 0010	LoneStar Liberty Public Networks 010
✎	North America CRM expansion opportunity 0013	Cascade Pioneer Manufacturing Partners 013
✎	North America CRM expansion opportunity 0016	Prairie Sterling Technology Group 016
✎	North America CRM expansion opportunity 0019	Maple Vertex Education Collective 019



Not every report request requires AI interpretation



AI IR uses key phrases



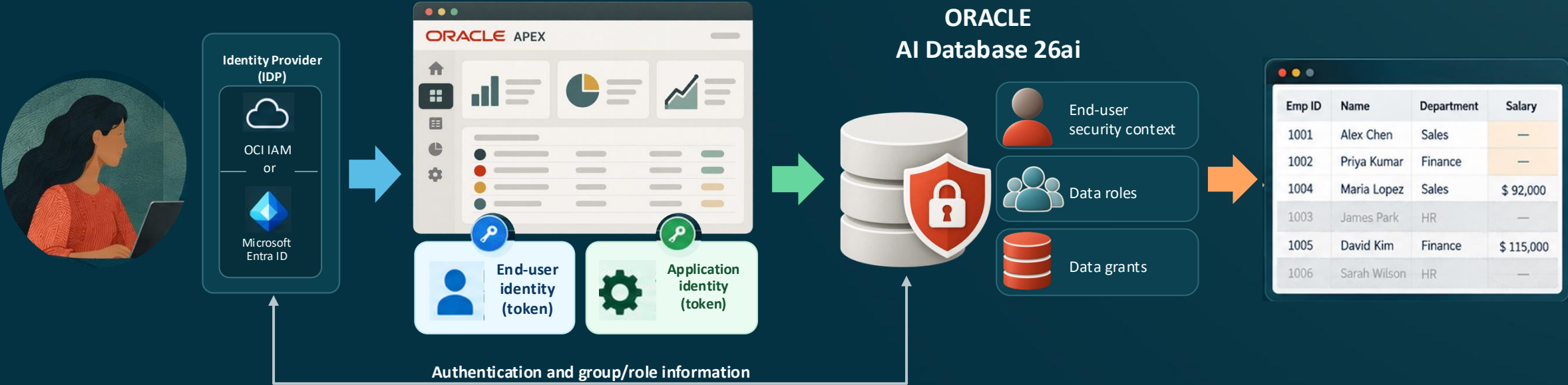
Faster response for short and predictable actions



Deep Data Security Integration

Deep Data Security for Oracle APEX

Database-enforced authorization



One policy across supported access paths



Verified user and application identity
For reports, forms and AI Agent tools



Database enforcement
reduces dependence on application code and repeated filters



Additional Platform Enhancements

DBMS_CLOUD credentials with OCI Native Authentication

Call OCI services from APEX without storing an individual user's API keys



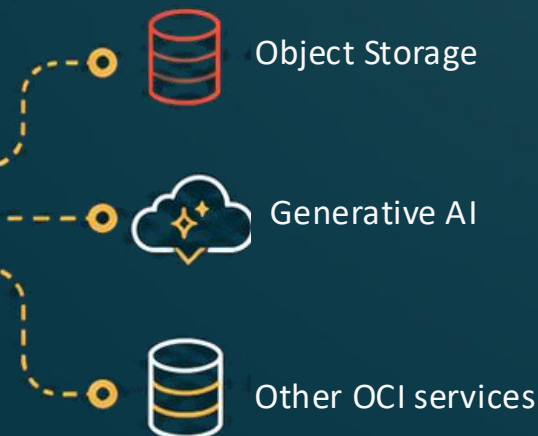
APEX application

Makes a request to an OCI service



Managed resource identity

Securely authenticates the APEX application



No individual user API keys in APEX credentials



Improved security and governance



Centralized identity and access control



Simpler setup and management

Workflow Modeling



Draft activities capture unfinished process steps



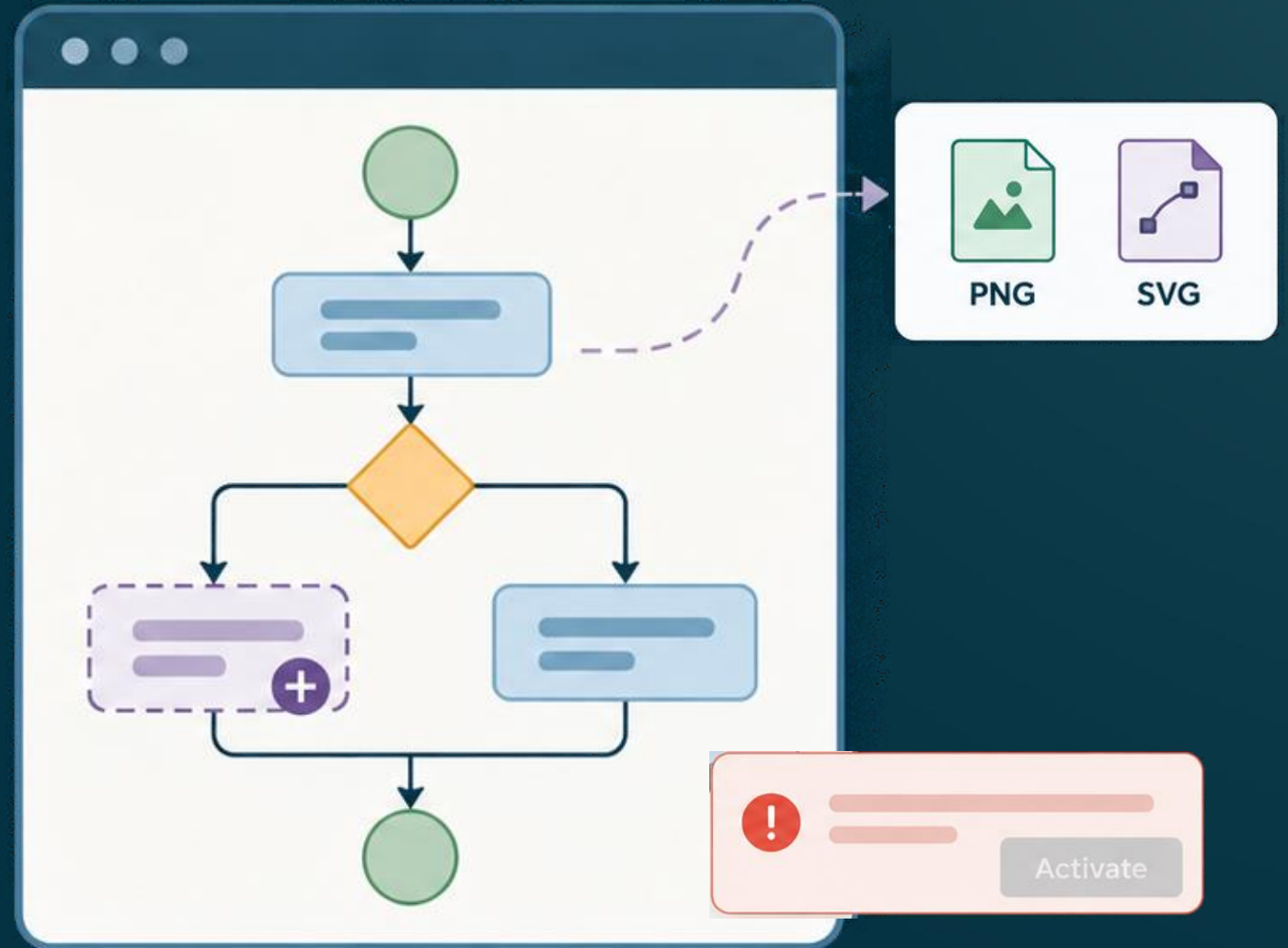
Teams can save and review the overall workflow early



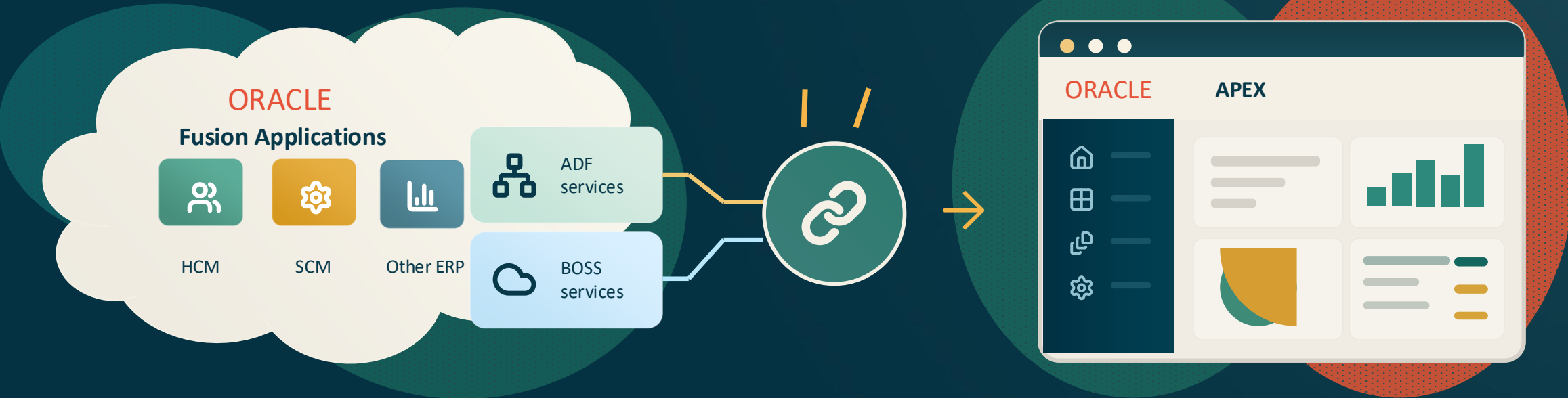
PNG and SVG export make diagrams easier to share



Draft activities must be implemented before activation



Simpler Fusion Applications integration



The starter app extends its existing ADF integration to BOSS services



One APEX application can use both service types



Authentication obtains tokens for the configured resource scopes



Faster start for Fusion extensions



Less manual authentication setup



Ready for additional service scopes

Other enhancements in APEX 26.2

Improvements for development, workflow, administration, and integration



Human Tasks

Actionable task failures

A Fail event can trigger Task Actions when a Human Task enters ERRORED, including notifications or configured PL/SQL.



Working Copies

Application and Working Copy APIs

Public APIs lock or unlock applications and create Working Copies for trusted command-line and CI/CD workflows.



Manage Instance

Enhanced Mail Queue report

Additional reporting context helps instance administrators investigate queued mail, delivery failures, and workspace patterns.



RESTful Services

REST Workshop moves

REST Workshop is removed. Use SQL Developer Web to create and manage ORDS REST APIs; existing services remain intact.

Additional Learning Resources

blogs.oracle.com/apex/



**Announcing Oracle APEX 26.2
General Availability**



**Introducing File-Level Import
with APEXlang in Oracle APEX
26.2**

Additional Learning Resources



**Working with Generative AI Provider
APIs and Reasoning Effort**



**What's New in Interactive Reports and
AI Interactive Reports**

Additional Learning Resources



**Using DBMS_CLOUD Credentials
with Resource Principal and
DBTools Identity**

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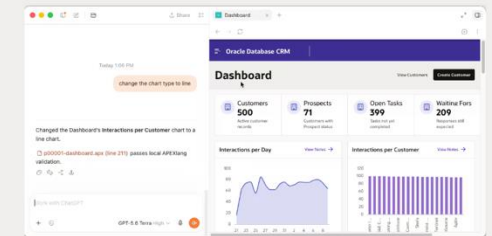
Generate intelligent enterprise apps you can trust with Oracle APEX AI Application Generator

Oracle APEX AI Application Generator helps organizations use AI to create secure, scalable, data-driven enterprise applications on the Oracle Database.

Oracle APEX's declarative low-code architecture gives AI a clear application model to work with, making it easier to generate, understand, customize, and maintain applications from any AI agent. Teams can move from business requirements to working applications faster, with AI accelerating development while developers stay in control.

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Learning path consists of two key courses



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Oracle APEX: Empowering Low Code Apps with AI

Unlock the future of development by integrating AI and GenAI capabilities into your APEX applications for smarter, more intuitive solutions.

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#AI

#GENAI

Thank You

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