

Oracle APEX Overview

Enterprise application development for the AI era

Safe Harbor

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Speaker

What is Oracle APEX?

Oracle APEX is trusted worldwide to deliver **mission-critical, data-driven** apps that are secure, scalable, and easy to build.

- Oracle APEX is an **enterprise AI application platform** for building secure, scalable web and mobile applications.
- Trusted by **thousands** of organizations, APEX powers systems that run core business operations every day.
- With **Oracle AI Database** and **Oracle Cloud Infrastructure**, every application inherits built-in reliability, governance, and security.
- APEX helps developers turn **ideas** into **production-ready apps** quickly, without sacrificing control or performance.

The Oracle APEX advantage



Use GenAI to rapidly build apps that meet business objectives

Focus on the intent of the app – not how to code it, and spend less time on maintenance going forward



Add AI to your apps

Add AI capabilities to apps even if you're not an AI expert – giving users flexible options for using apps, and shortening their learning curve



Build enterprise-ready applications

Get the security, scalability, performance and reliability of Oracle Database

APEX is included with Oracle Database at no extra cost

Why APEX?

APEX brings application development, AI, workflow, integration, security, and data into one extensible platform running as part of Oracle Database.



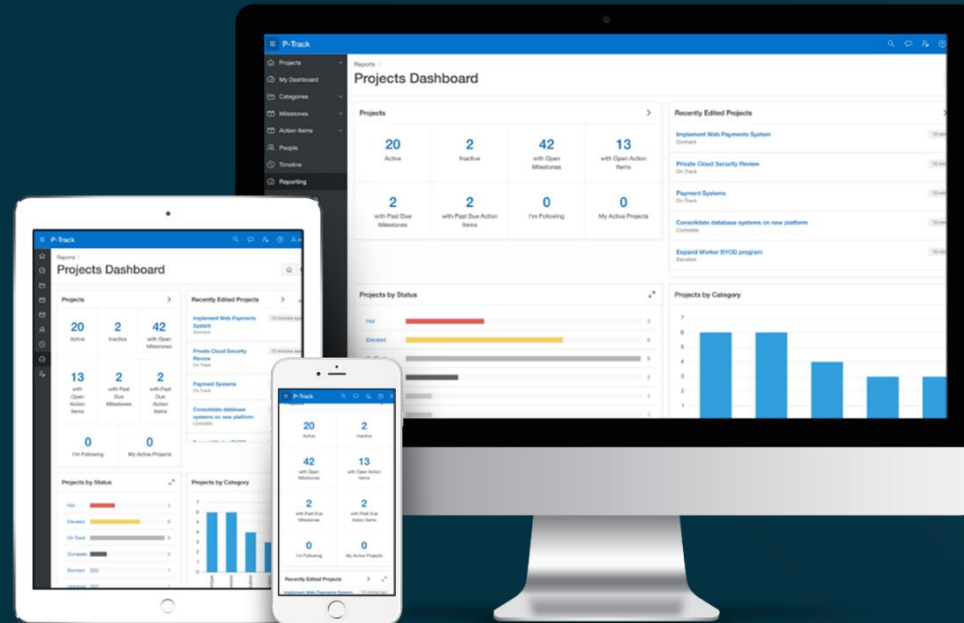
One application platform with a shared data, security, workflow, and runtime foundation.

Oracle APEX at a Glance

A complete enterprise application platform

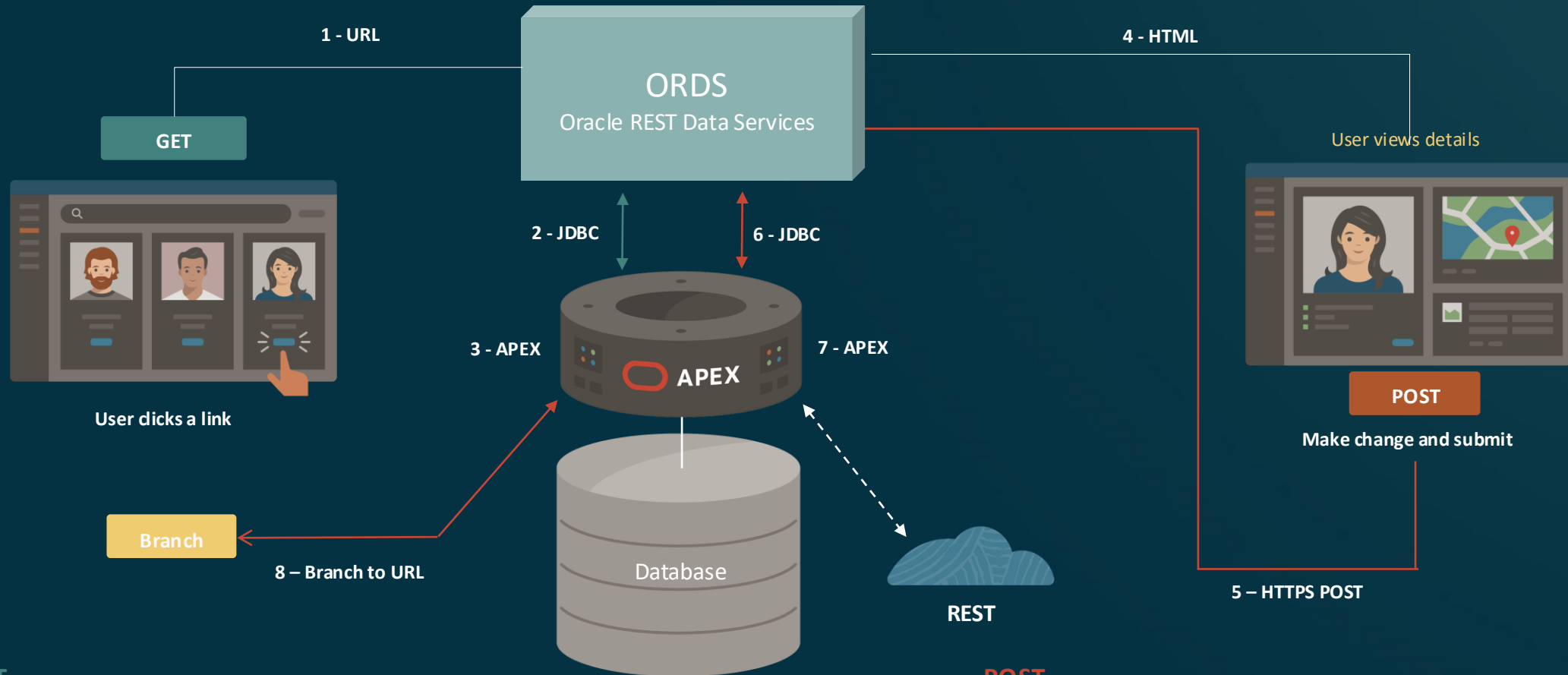


User Interface for Any Device



Modern, intuitive, accessible UI for any device
fully customizable and responsive apps

Modern Enterprise Architecture



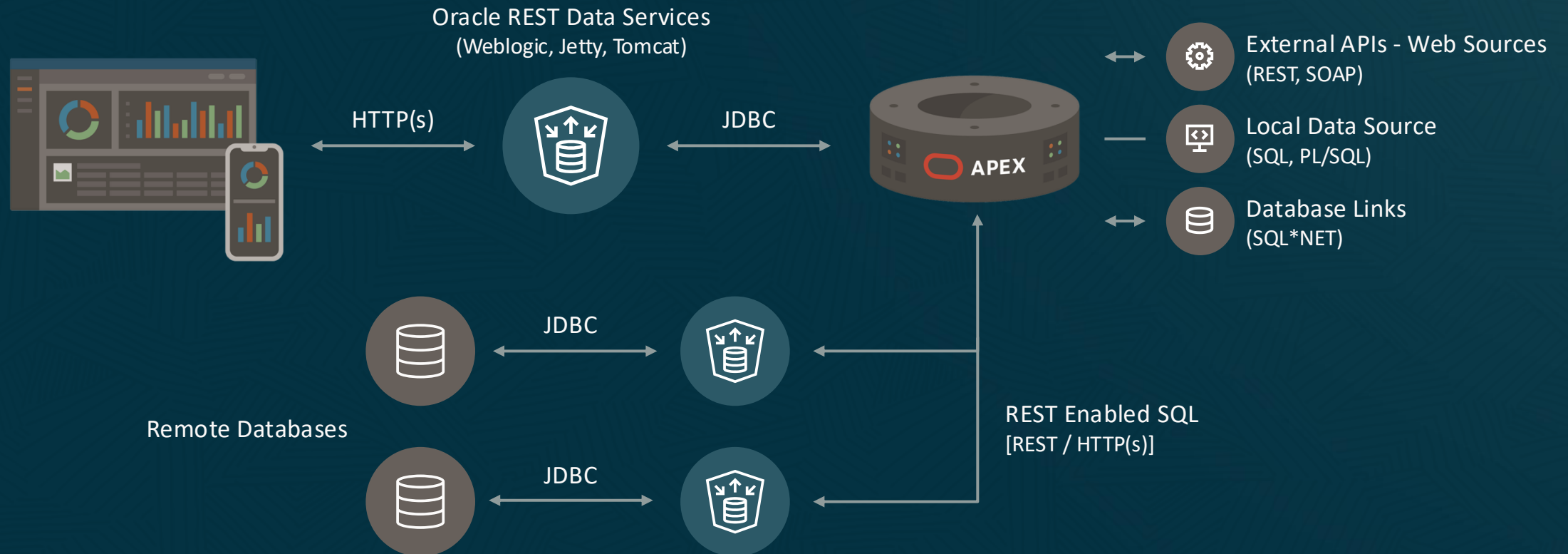
GET

1. User clicks a link which sends HTTPS GET request to ORDS
2. ORDS makes a database JDBC call to the APEX Engine
3. APEX generates HTML page (full page or partial)
4. ORDS returns the generated HTML back to the browser

POST

5. User clicks a button which does an HTTP POST to ORDS
6. ORDS makes a database JDBC call to the APEX Engine
7. APEX processes the request
8. APEX determines URL and branches

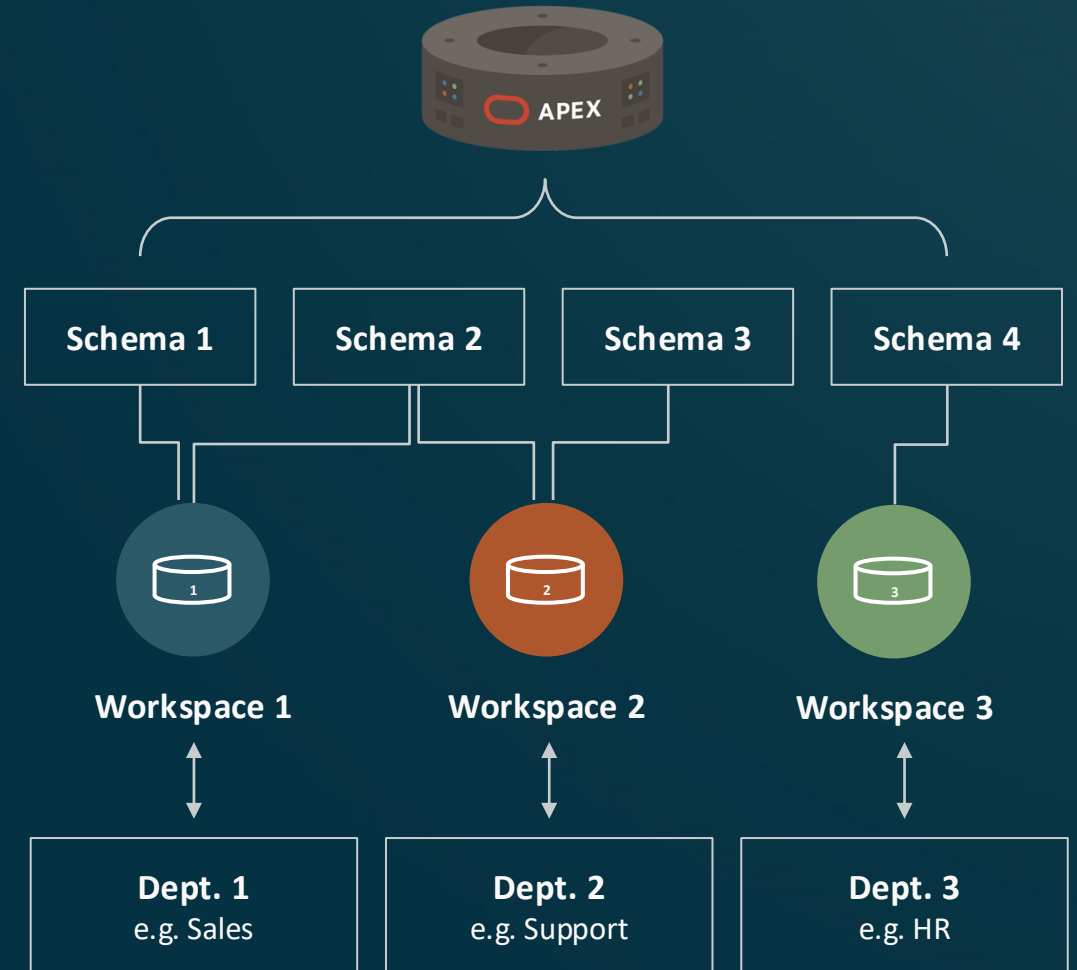
APEX Data Sources



Single Database Instance and Multiple Workspaces

- Workspaces used to define application definitions / Schemas hold data
- The many-to-many relationship between Workspaces and Schemas
- Instance Administrators manage the environment and schema access
- Departments can request more space and access to a new schema

Oracle Database with APEX



Oracle APEX is Available Everywhere

Oracle APEX is a fully supported no-cost feature of Oracle Autonomous AI and all Oracle Database editions



- ✓ Autonomous AI Databases
 - All Autonomous AI DB workload types
 - Autonomous AI Database for Developers
- ✓ High-Performance Database Options
 - Oracle Base Database Service
 - Oracle Exadata Service
- ✓ Always free tier
 - Always Free APEX Service
 - Always Free Autonomous AI Database



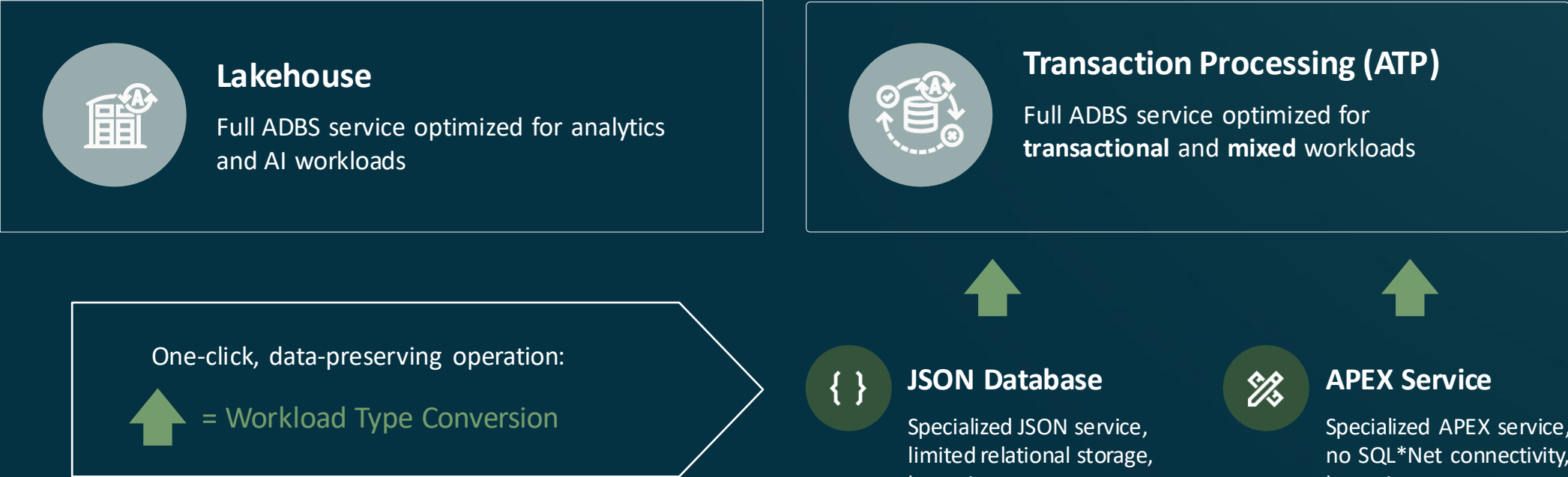
- ✓ All Oracle Database editions
- ✓ Oracle Exadata
- ✓ Oracle Database Free



- ✓ Oracle Database@Multicloud
- ✓ Amazon RDS for Oracle Database
- ✓ All other major clouds via VM

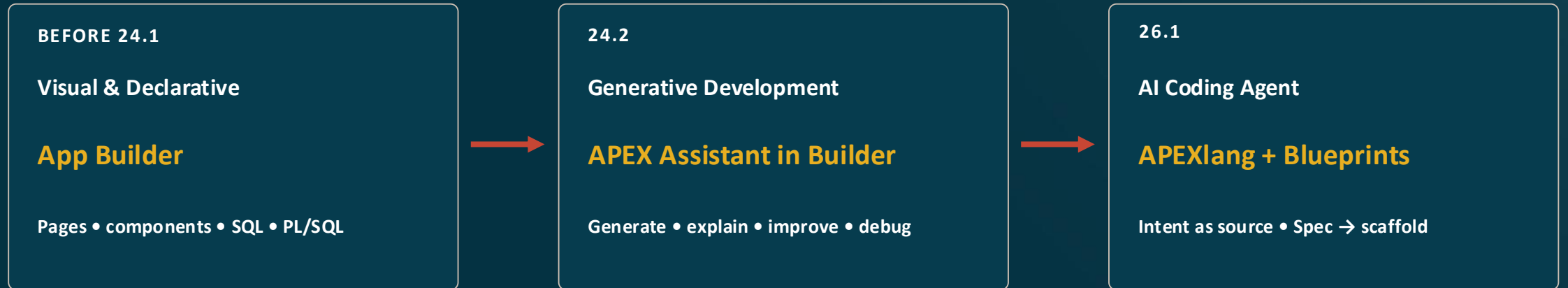
Oracle APEX on ADBS: workload-optimized instances

Oracle Autonomous AI Database Serverless with APEX



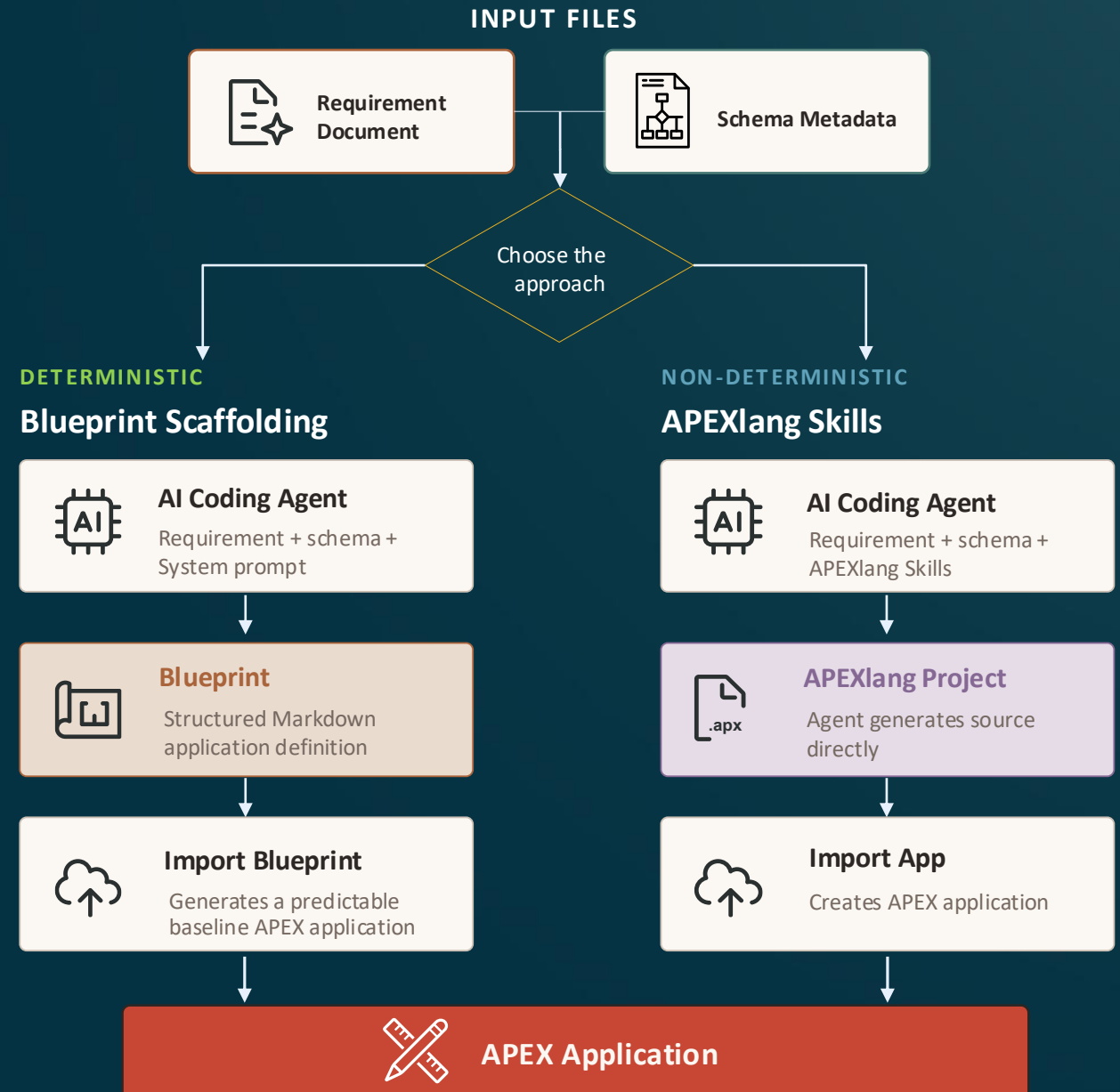
Generative development expands how teams build with APEX

Declarative development remains the foundation. **AI** now assists in app builder and coding agents turn specifications into scaffolded applications.



Choose the approach that fits the work - all paths use the same APEX environment.

Choose the *Gen-Dev* approach with *APEXlang*



APEXlang

Open application specification language for data-centric APEX apps as clear-text, human-readable .apx source.

.apx source package

Structured application metadata in clear-text, AI-ready .apx source



Readable

Scan application intent and metadata as text beside the Builder experience.



Versionable

Review diffs and version application changes in Git.



Validatable

Validate APEXlang source before import through supported tooling.



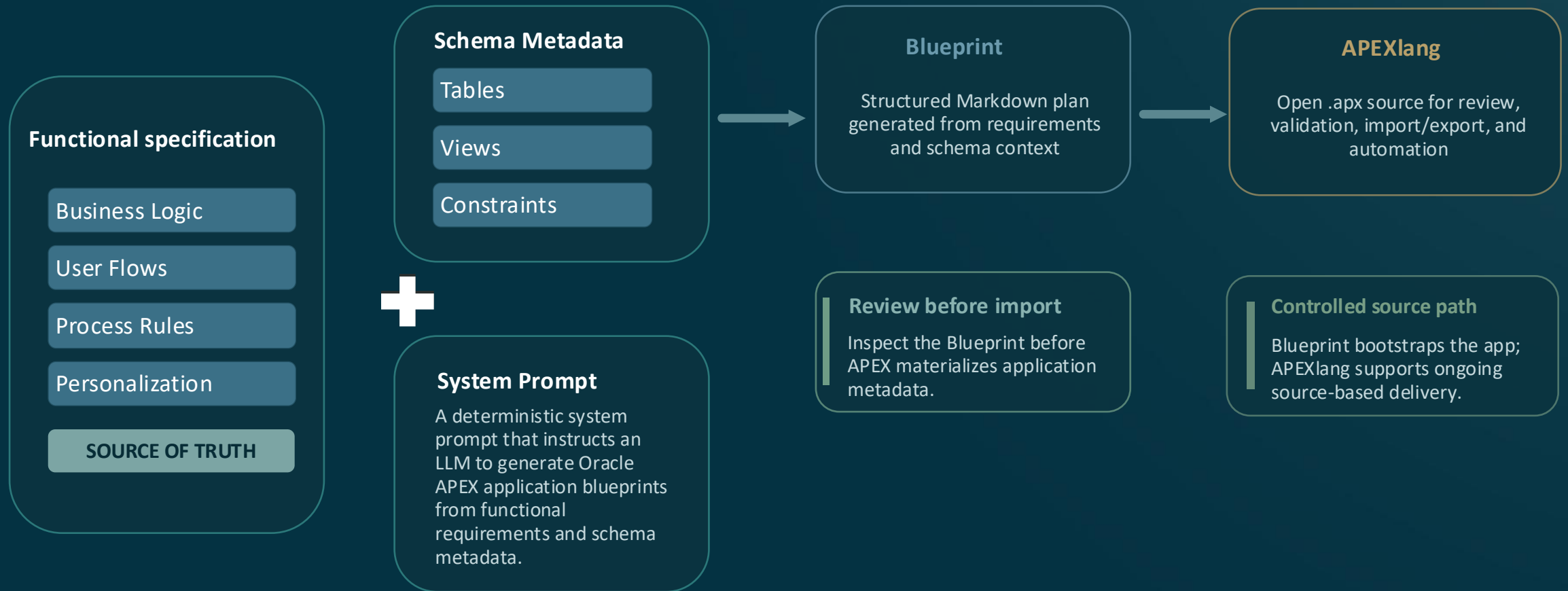
AI Optimized

Designed for AI-assisted development

APEXlang turns low-code into a compilable language: AI can generate it, developers can inspect it, and enterprises can govern it.

Spec-Driven Development

The functional specification becomes the contract before APEX validates and materializes the app.



AI Interactive Reports

Natural language becomes visible, editable, native Interactive Report settings.



Plain language queries becomes visible standard Interactive Report settings, not a separate reporting artifact



Ask the report in plain language

filter

sort

pivot

chart

highlight

aggregate

Search or ask a question...

Pivot

Opp Status = 'CLOSED'

	Closed Won	Negotiation	Proposal	Prospecting	Qualification
Region Name ↑	Total Pipeline Value	Total Pipeline Value	Total Pipeline Value	Total Pipeline Value	Total Pipeline Value
Midwest	68,442	468,026	1,107,259	1,002,320	346,654
Northeast	165,476	378,000	249,784	883,726	86,683
Northwest		534,109	60,185	540,211	
Southeast	249,756	678,189	100,000	813,747	
Southwest	308,206		101,000	516,226	319,041
West	61,853	305,458		443,400	316,640

1 - 6

Assistant

Highlight all closed deals

Applied row highlight (light yellow background) to all opportunities where Opp Status equals CLOSED.

pivot pipeline value by region and stage

Pivoted the report to show Opportunity Value (SUM) with rows by Region Name and columns by Opp Stage.

Type your message here

Every AI-applied configuration is surfaced as a visible, reviewable chip.



What users ask for

Plain-language requests through Search with AI or the Assistant: filter, group, pivot, chart, highlight, save, reset.



What APEX sends

Report definition, column metadata, reference values, report context, column context, and current report state.



What stays protected

Business data stays in the environment; the Assistant applies settings and does not display data, analytics, or summaries.



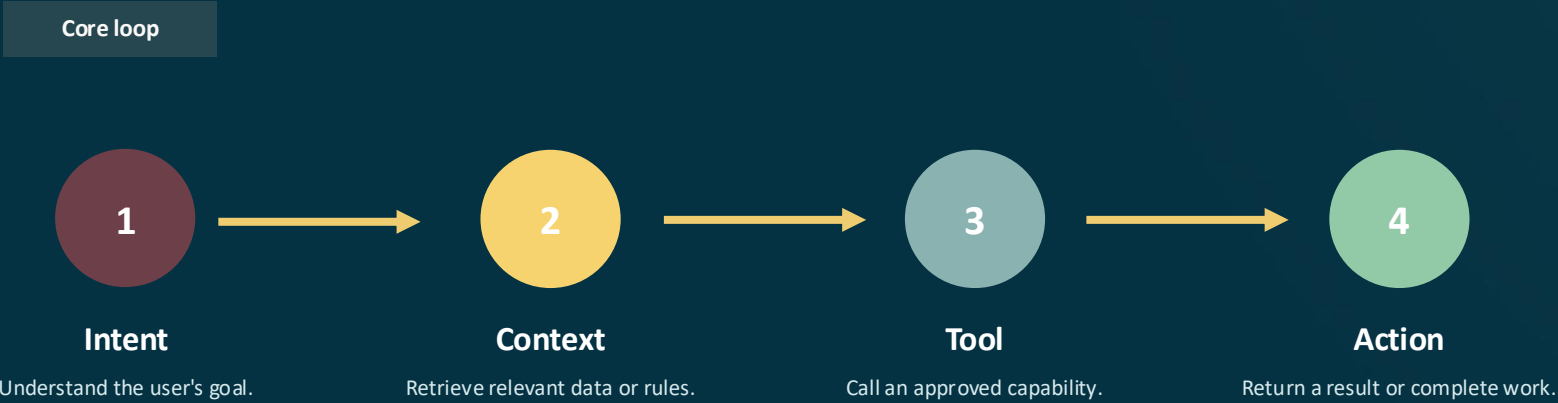
Why it feels governed

Natural-language actions are limited to enabled Interactive Report capabilities and disabled until developers opt in.



AI Agents

APEX AI Agents can reason over user intent, retrieve context, call approved tools, and return a final answer or completed action while developers control the boundaries.



APEX manages context, dispatches tool calls, executes tools, returns results, and composes the response.

Developer-governed

Approved tools, typed parameters, authorization, and human approval for sensitive actions.

1 Beyond chat
Reason over intent and move work forward.

2 Declarative tools
Expose curated SQL, PL/SQL, and JavaScript capabilities.

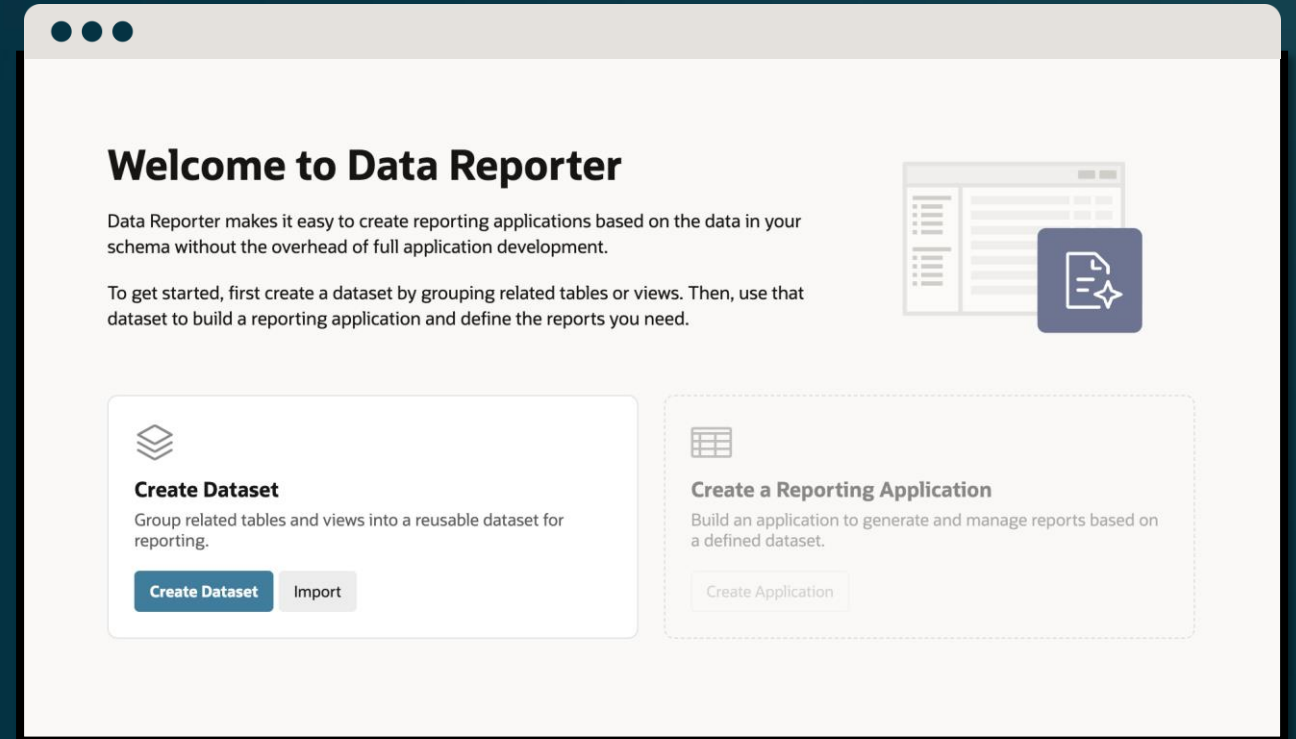
3 Controlled execution
Use typed parameters, scoped access, and human checkpoints.



Data Reporter

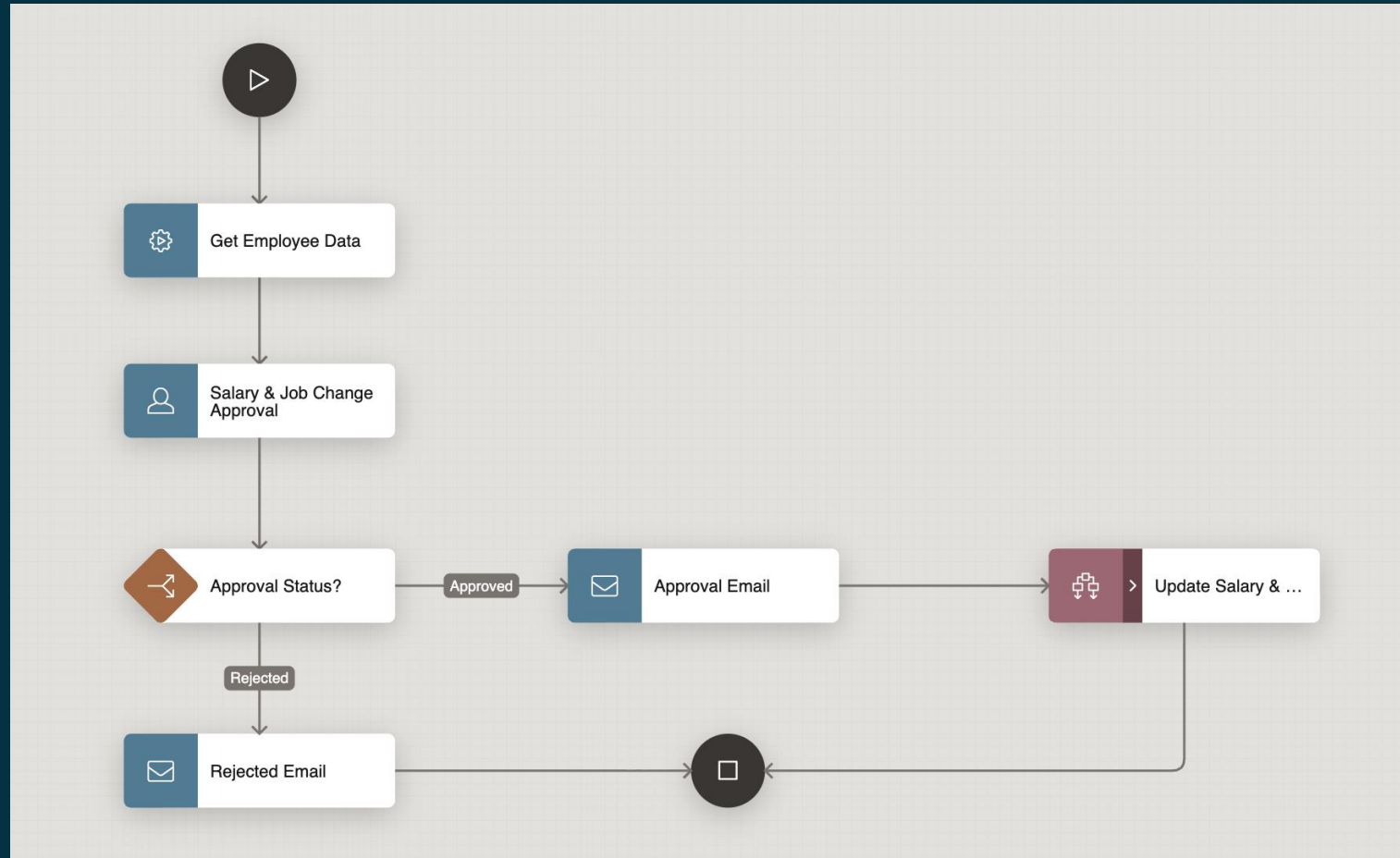
A dedicated APEX reporting module for business-led, governed self-service reporting

- No Page Designer for report authors
- No SQL required for report creation
- Private drafts before publishing
- Developers define the safe reporting foundation



Workflow

Stateful process orchestration across system steps, human tasks, approvals, conditions, and AI-assisted actions



1 **Start**
Start Workflow

2 **System Activity**
SQL, PL/SQL, API

3 **Human Task**
Approval or Action

4 **Decision**
Rule or Outcome

5 **Parallel Flow**
Branches together

6 **Complete**
End Workflow

Process Automation

Business processes move tasks, information, and approvals between systems and people.

System-to-system automation

Coordinate service calls, database work, and application events.

Human workflow

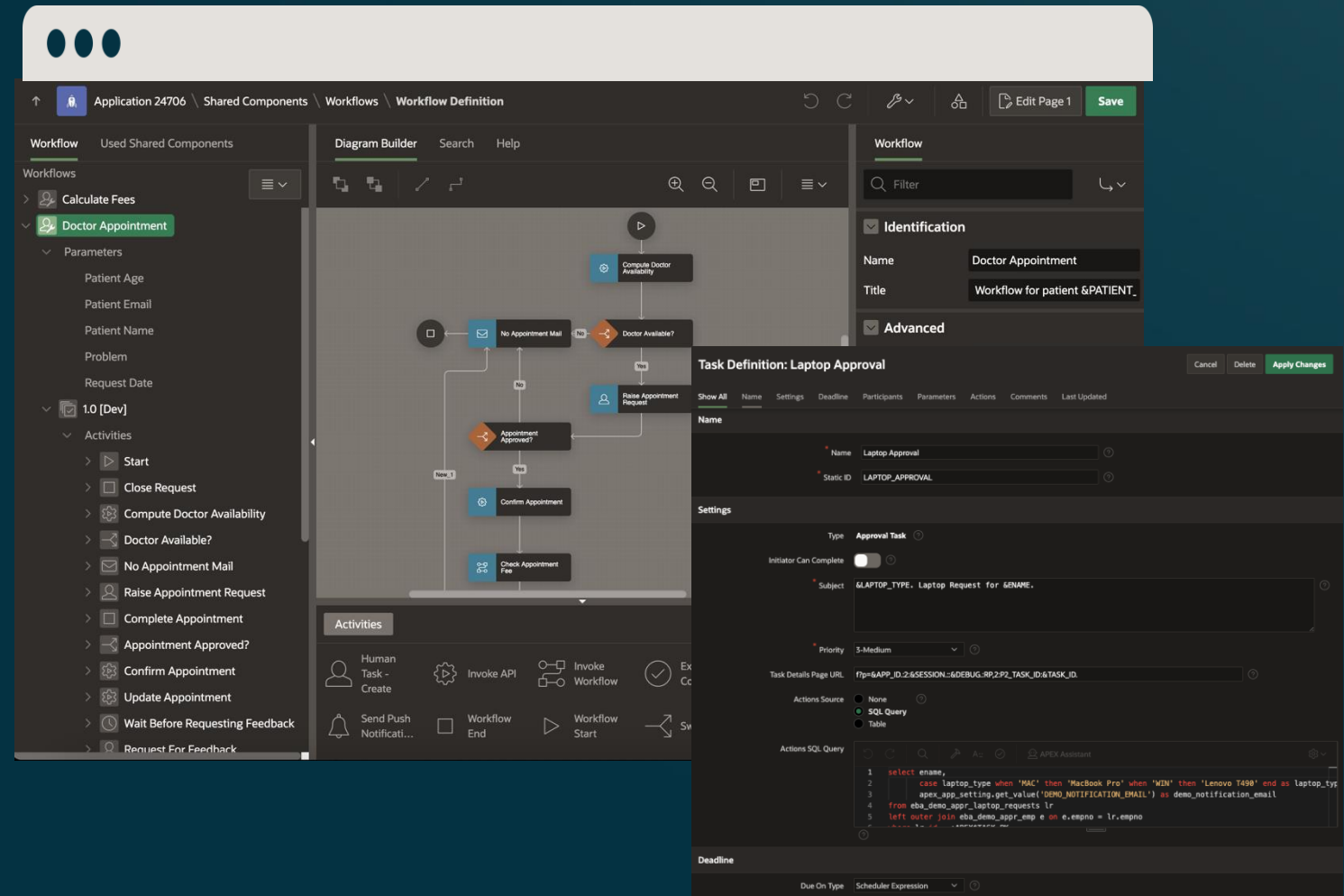
Route approvals and actions to accountable participants.

Operational state

Track payload, comments, outcomes, and history in the application.

Core capability

Workflow is part of the APEX application runtime, not a disconnected tool.



Vector Search Support in Search Configurations

- Vector search in APEX Search Configurations uses Oracle Database vector capabilities to return semantically similar results.
- Developers configure index usage, distance metrics, maximum distance, and result limits while keeping search behavior declarative.

The screenshot displays the 'Search Configuration: Search Movies - Vector' interface. At the top right, there are buttons for 'Cancel', 'Delete', and 'Apply Changes'. Below the title bar, a navigation menu includes 'Show All', 'Settings', 'Subscription', 'Source', 'Column Mapping', 'Icon and Display', 'Link', 'Server-Side Condition', and 'Advanced'. The 'Source' tab is currently selected.

The 'Vector Attributes' section contains the following settings:

- Provider: ONNX Model
- Column Name: OVERVIEW_V (Vector)
- Search Type: Exact
- Distance Metric: Cosine

The 'Column Mapping' section is organized into a grid of dropdown menus for mapping database columns to search attributes:

- 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 -

The 'Icon and Display' section at the bottom shows:

- Icon Source: Initials

Customer Stories

Customer outcomes prove small teams can deliver enterprise systems quickly

The strongest proof is not logos alone. It is speed, scale, regulated use, and real operational outcomes.



Siemens Mobility

Integrated project management

Connected 14+ systems including SAP and Snowflake on OCI; three developers delivered in under three months.

Operations and modernization



Munich RE HealthTech

Multi-tenant sovereign SaaS

Health-insurance data sovereignty across 10+ countries, running APEX on AWS and OCI; four developers in under two months.

Regulated global scale



Nomura Research Institute

Fraud, GRC, dashboards

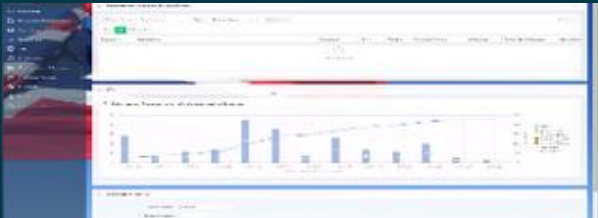
APEX apps on OCI Dedicated Region; first fraud/GRC app delivered by two developers in under two weeks.

Risk and analytics



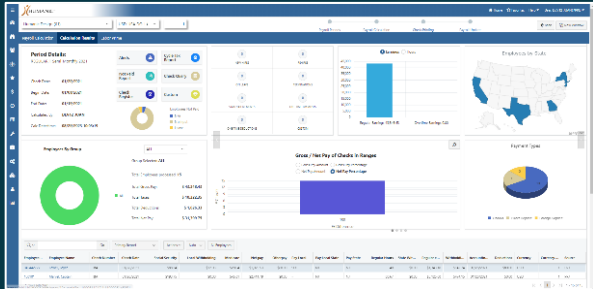
Ops & Modernization

Small teams delivered modernization and automation outcomes quickly.



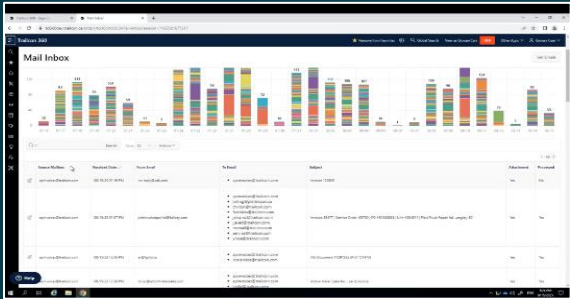
Siemens Mobility

Integrated project management on OCI, connecting 14+ systems including SAP and Snowflake; three developers in under three months.



Humanic

Modernized 300+ legacy forms; on-premises today and moving toward APEX on OCI; four developers in under 90 days.



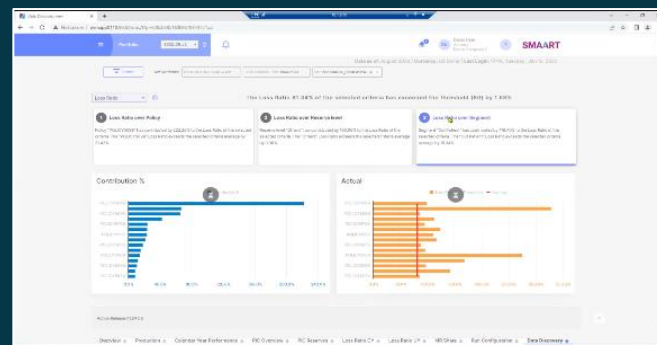
Trailcon

Automated invoice processing with AI, APEX, OCI AI services, Email, and Object Storage; four developers in under three months.



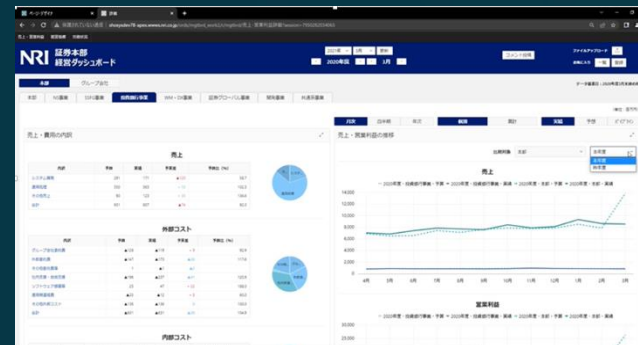
Regulated Scale

APEX supports regulated, sovereign, and analytics-heavy enterprise scenarios.



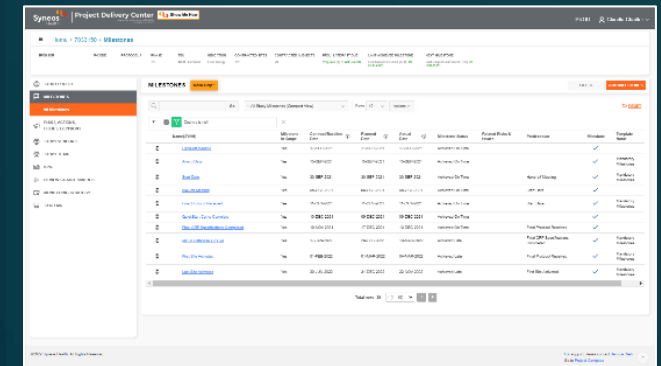
Munich RE HealthTech

Multi-tenant health insurance SaaS for data sovereignty across 10+ countries; APEX on AWS and OCI; four developers in under two months.



Nomura Research Institute

Fraud detection, GRC, and executive dashboards on OCI
Dedicated Region; first app by two developers in under two weeks.



Syneos Health

Clinical trial oversight with AI and APEX across hybrid on-premises and OCI; four developers in under three months.



Global Scale Proof: Samsonite, Star CRM, NEC

APEX supports global operations, cost control, and rapid modernization across different operating models.

Samsonite Europe

Moved luggage-damage services to OCI for higher availability and scale.

Cloud service scale

Star CRM

Reported 40% higher productivity and 25%-30% savings after moving APEX workloads to Oracle Database Cloud.

Productivity and cost

NEC

Selected Autonomous Transaction Processing with APEX on OCI for cost efficiency and integrated development.

Cloud database platform

Common thread: Oracle Database, OCI, APEX, and enterprise controls let small teams deliver business-critical systems quickly.

Industry Proof: NIBIO, Shimizu, Tanishq

The platform applies across research, construction, retail, public sector, and operational analytics.

NIBIO

Research analytics

Forest and sensor-data analysis with APEX, OCI Data Science, and Autonomous Data Warehouse.

Shimizu

Field operations

Construction-site digitization using APEX, Autonomous Data Warehouse, and Oracle Analytics Cloud.

Tanishq

Retail operations

Inventory and Endless Aisle service needs delivered with APEX and OCI.

Proof theme: one platform adapts to very different domains without changing the core database-centered architecture.

Use Cases

Modernizing Oracle Forms

Evolve your Forms Apps to APEX apps and unlock limitless possibilities!

★ Features

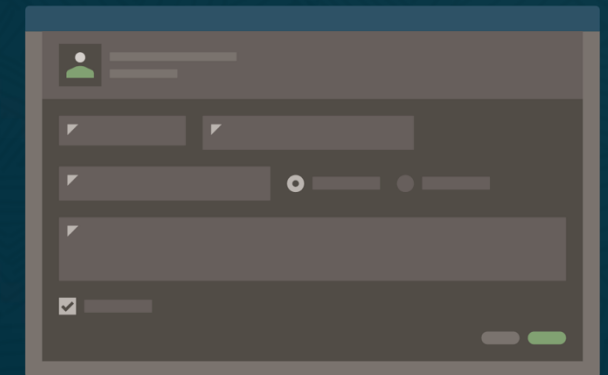
- APEX is the natural evolution of Forms
- Both are based on SQL and PL / SQL
- Re-use DB packages, procedures, functions
- Easily train Forms Developers into developing with APEX

✓ Solutions

- Proof-of-concept using the subset of Forms apps
- Organization-wide apps, rather than back-office
- External apps for customers/partners
- Mobile-first apps
- Net new requirements



Forms App



APEX Application

Mission Critical Enterprise Systems



Features

- Quickly build custom mission-critical apps
- Corporate data reporting and maintenance
- Merge separate data silos
- Build organization-wide self-reporting apps



Solutions



- Simple deployment
- Single installation runs any number of apps
- Scale to hundreds of thousands of users



Extending Enterprise Systems

Enhance your existing apps by building APEX apps!



Features

- Extend ERPs and other enterprise software
- Provide organization-specific dashboards
- Improved workflows
- Fill gaps

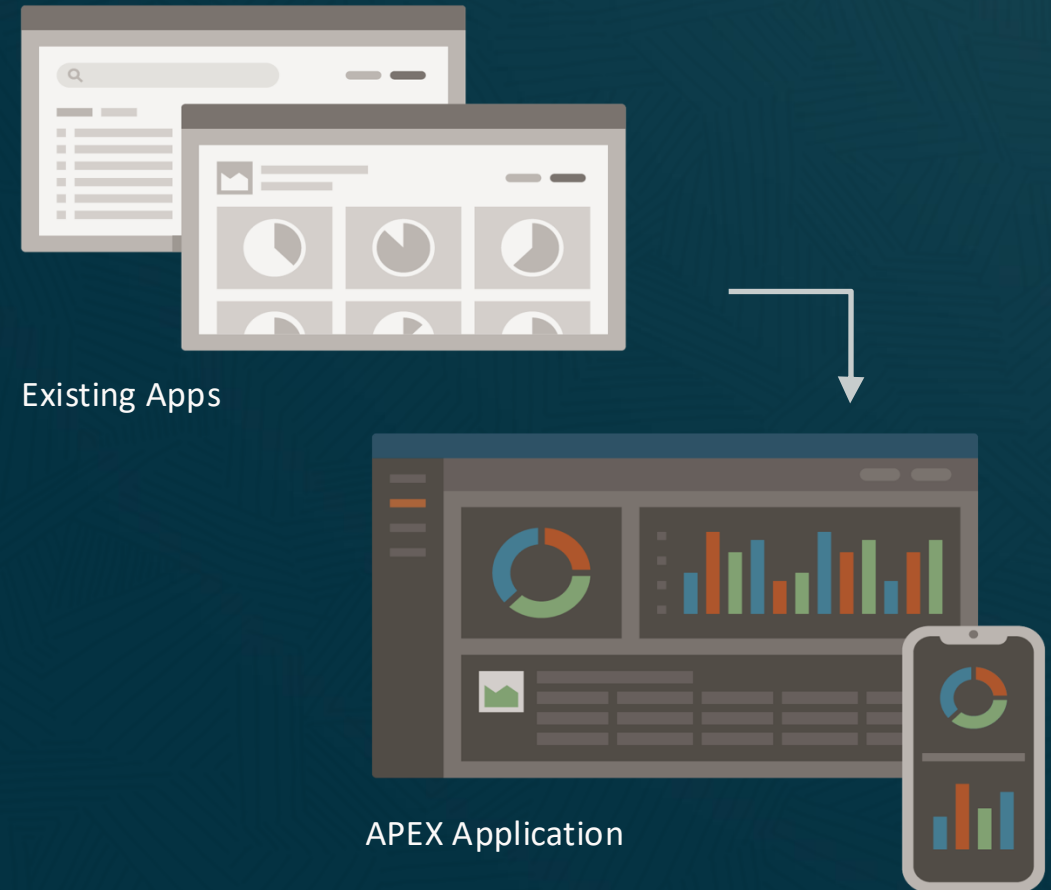


Solutions



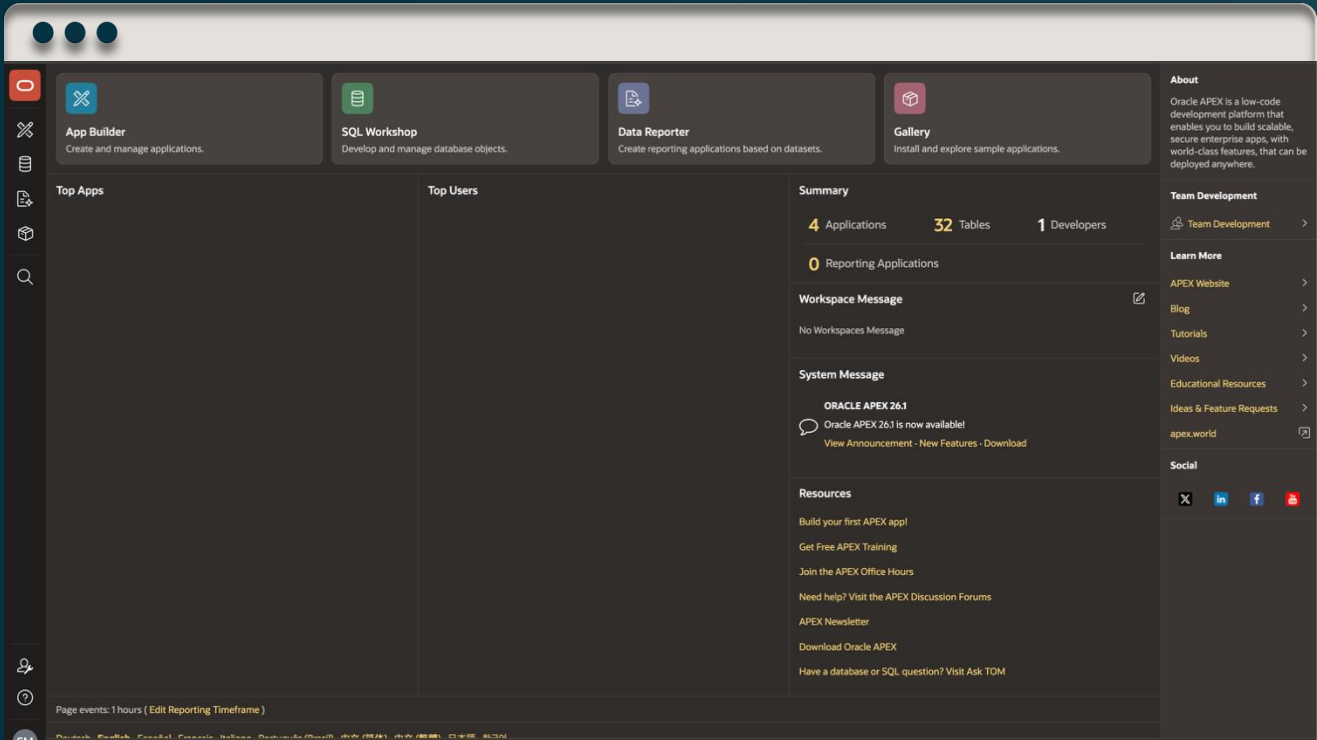
- Meet non-standard requirements
- Optimize common business functions
- Enhance data capture
- Integrate disparate data sources

See: Extend E-Business Suite using APEX
[Official Technical paper](#)



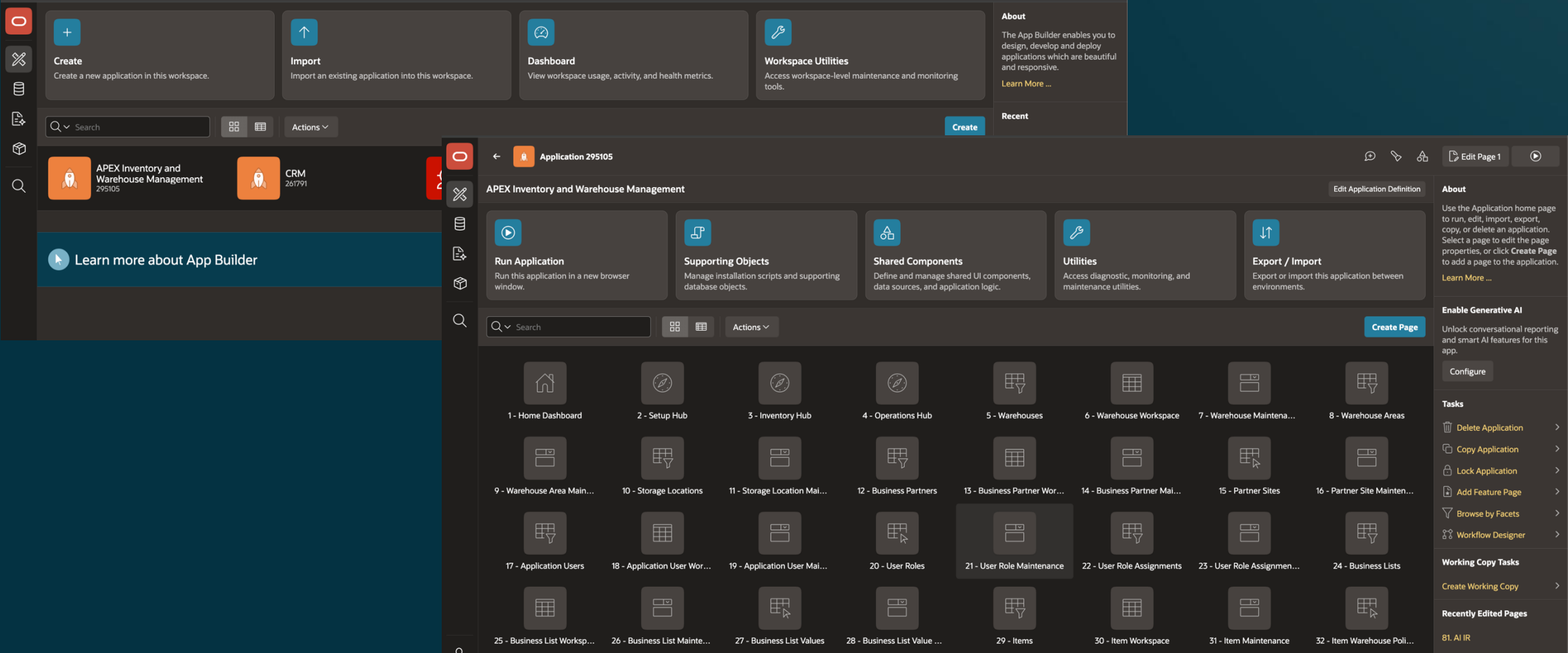
APEX Home Page

The APEX home page brings App Builder, SQL Workshop, Gallery, Data Reporter, and workspace administration into one browser-based starting point.



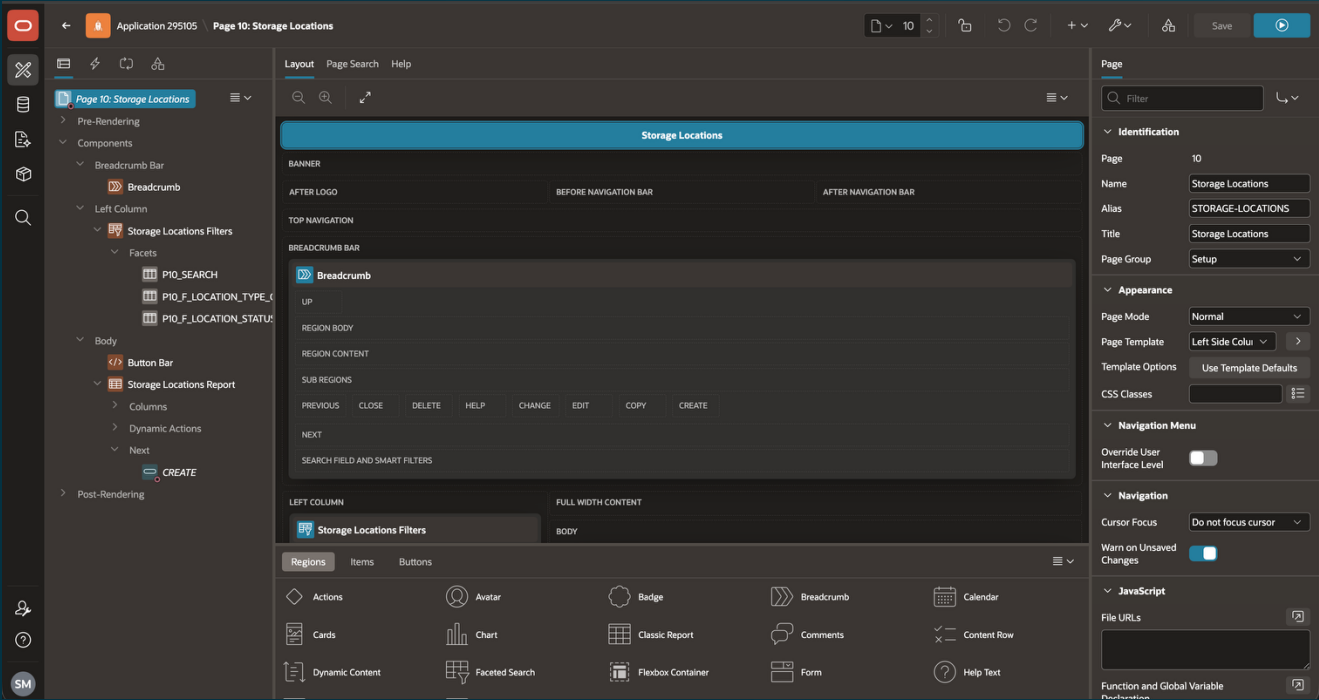
App Builder

App Builder is the main development workspace for applications, shared components, and page-level behavior, with SQL and PL/SQL close at hand.



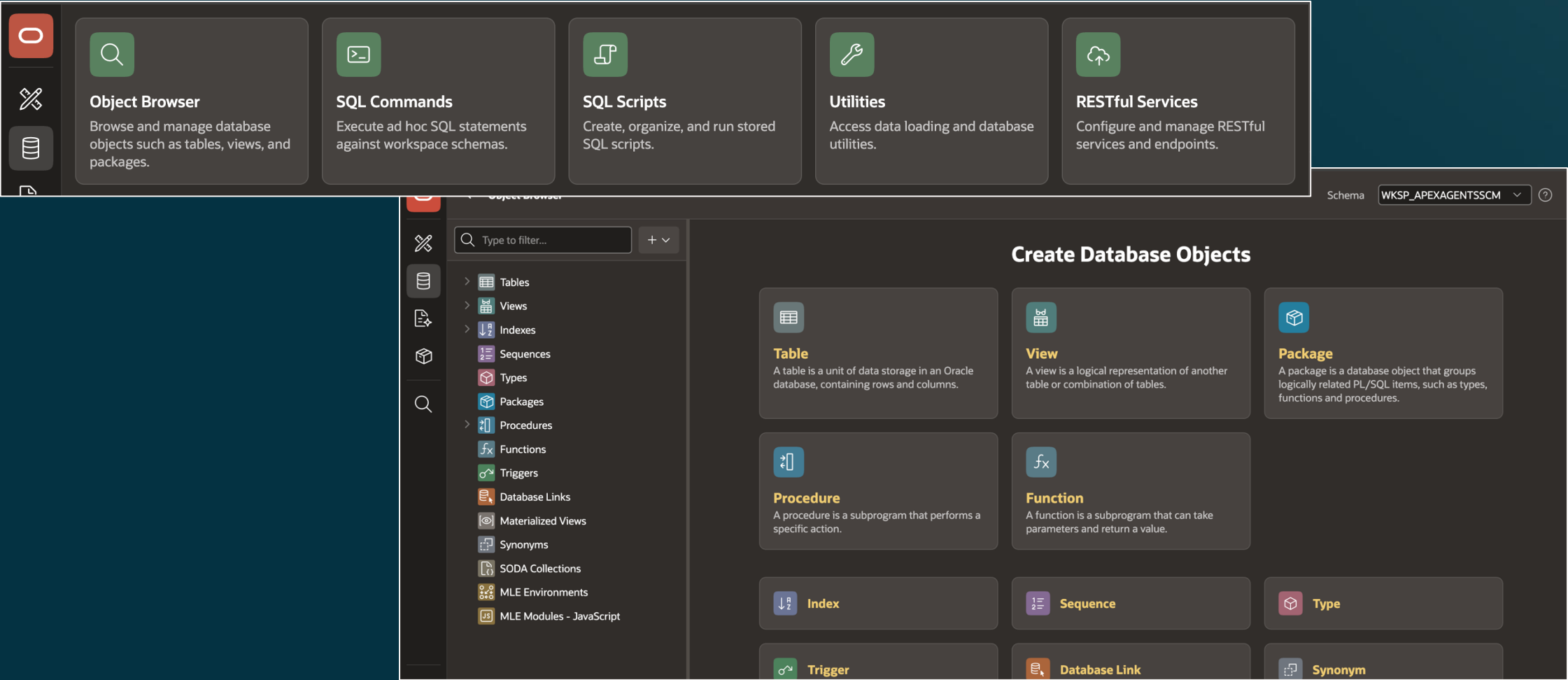
Page Designer

Page Designer gives developers one workspace for layout, components, attributes, processing, validations, and Dynamic Actions.



SQL Workshop

SQL Workshop lets teams browse database objects, run SQL, load data, model structures, and expose RESTful services from the browser.



Gallery

Gallery helps teams start from working examples and reusable patterns, then adapt them in App Builder instead of beginning from an empty page.

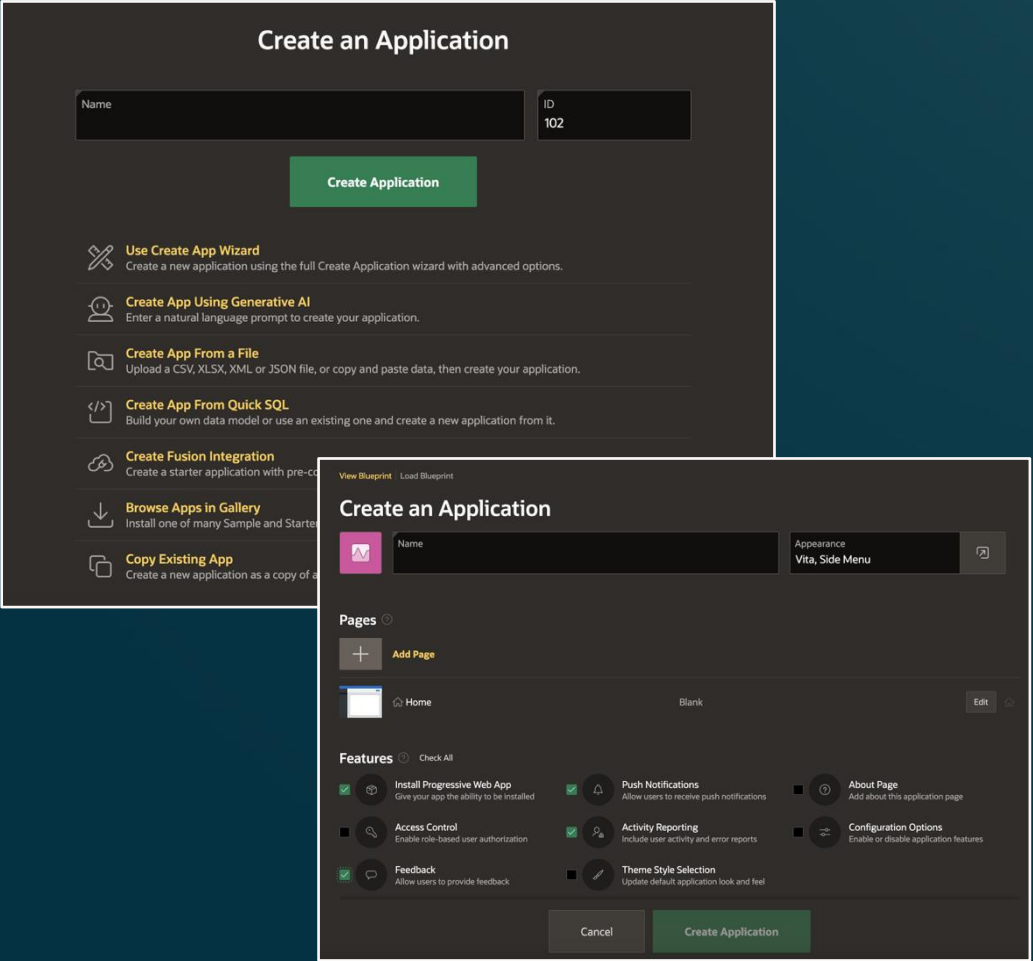
The screenshot displays the Oracle APEX Gallery interface, which is a dark-themed dashboard for finding and installing sample applications. The interface includes a top navigation bar with a search bar and tabs for 'Sample Apps', 'Starter Apps', 'Utility Apps', and 'Custom Apps'. A left sidebar contains icons for navigation and search. The main content area is a grid of application cards, each featuring an icon, title, description, version number, and an 'Install' button. The cards shown are:

- APEX PWA Reference** (Oracle): Oracle APEX enables developers to build Progressive Web Apps (PWAs) that can be installed on any desktop or mobile device to deliver a more native app experience. This application serves as a reference for key PWA features in APEX and how you can use them in your own apps. Version: 26.1.0.
- APEXToGo** (Oracle): This application showcases the features of a mobile web application built with Oracle APEX. It demonstrates mobile design capabilities and leverages Progressive Web Apps (PWAs) technologies to provide an enhanced user experience, offering a seamless and native-like experience. Version: 26.1.0.
- Brookstrut Sample App** (Oracle): The Brookstrut sample application analyzes a simplified stored data model and includes a feature to generate random data, accommodating everything from small to extra large data sets. It showcases Oracle APEX's capabilities in data reporting, navigation, and data presentation. This tool allows you to explore various Oracle APEX components, including faceted search, interactive reports, content row reports, and calendars. Version: 26.1.0.
- Image Support for Rich Text Editor** (Oracle): This application illustrates how to augment Rich Text Editor content items to allow for inline images. Version: 26.1.0.
- Sample Application Search** (Oracle): This application showcases the Application Search feature, introduced with APEX 22.2. Search Configurations and Search Regions allow developers to add robust search engine functionality to their APEX applications. Version: 26.1.0.
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- Oracle Cloud Apps REST Data Source Explorer** (Oracle): This application shows all Oracle Cloud Applications REST Data Sources in the apps in your workspace and helps you retrieve useful, searchable reference info about them including business object attributes and child objects available. It also lets you discover what other REST endpoints are available for use. Easily copy REST endpoint URLs for List of Values, child objects, and other available services to the clipboard for use in the APEX Builder's Create REST Data Source wizard. Version: 26.1.0.

Create Application Wizard

The Create Application wizard turns a data model and app intent into a working application shell.

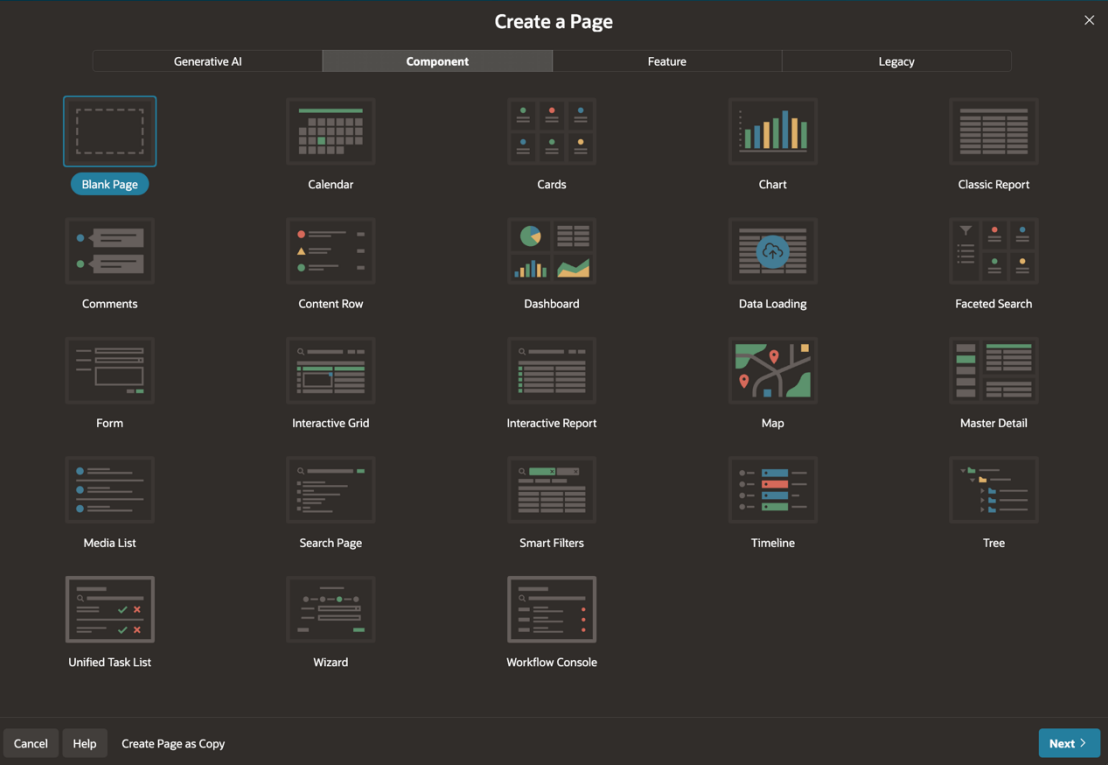
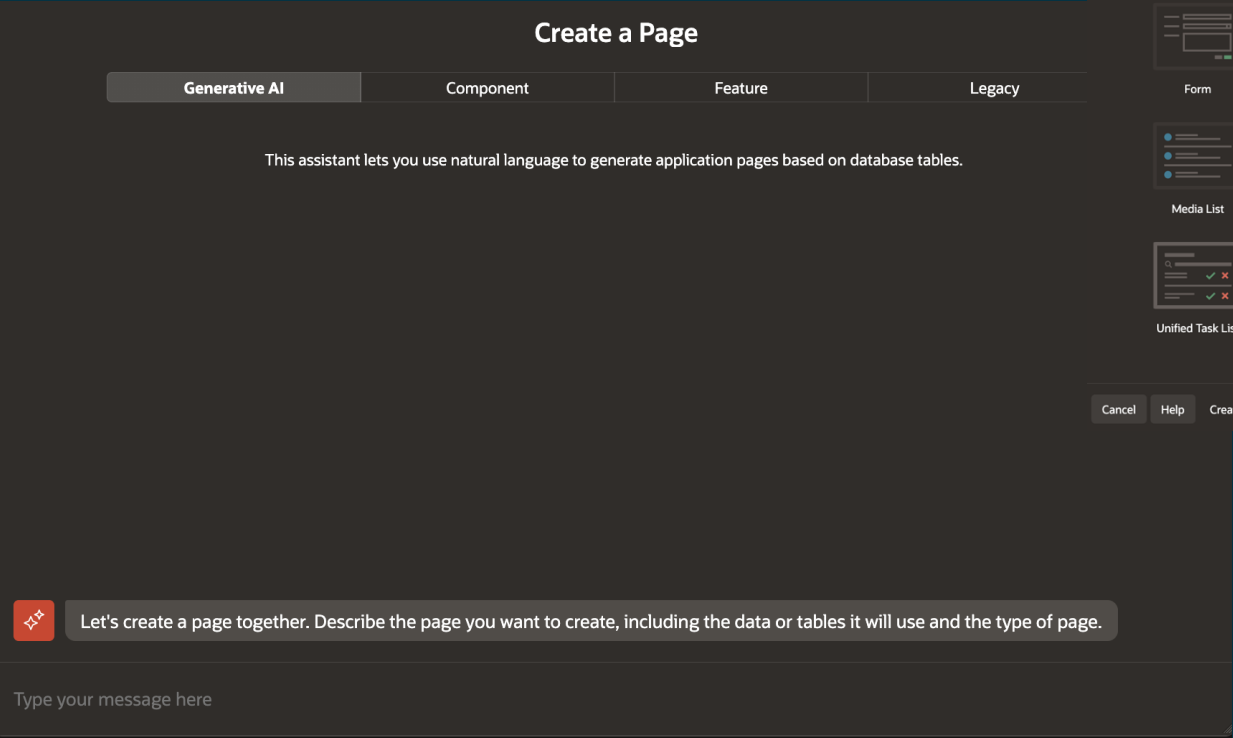
Teams can add common features such as access control, activity reporting, theme style, icons, and starter pages during setup.



Create Page Wizard

The Create Page wizard adds new capabilities to an existing app without starting over.

Developers can create dashboards, master-detail pages, list views, reports, forms, and mobile-friendly experiences from guided patterns.



Interactive Reports

Interactive Reports give end users sortable, filterable, personalized report views without custom code.

Interactive Report

Q

Go

1. Primary Report

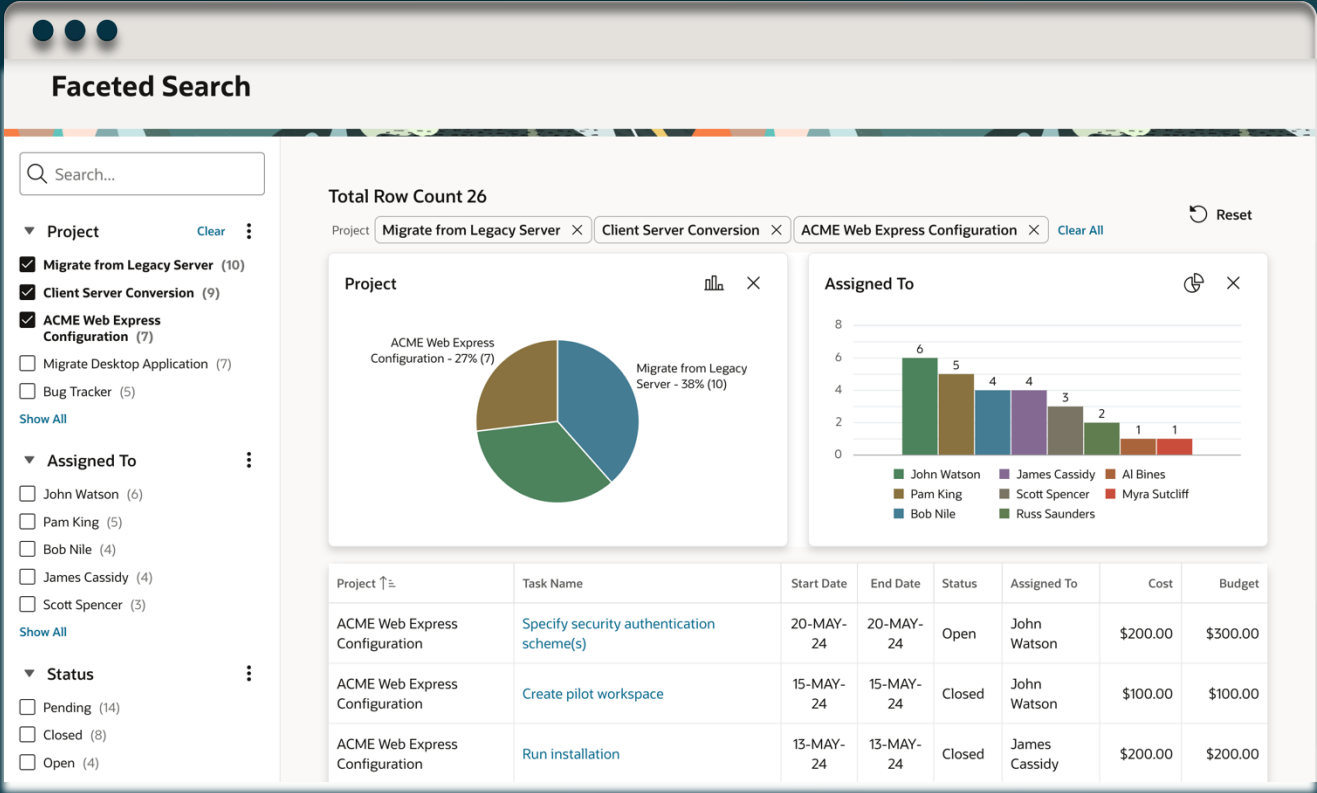
Actions

	Project	Task Name	Start Date	End Date	Status	Assigned To	Cost	Budget	Available Budget
	Bug Tracker	Document quality assurance procedures	24-MAR-24	27-MAR-24	Closed	Myra Sutcliff	3,000	2,000	-1,000
	Bug Tracker	Review automated testing tools	28-MAR-24	30-MAR-24	Closed	Myra Sutcliff	750	1,500	750
	Bug Tracker	Implement bug tracking software	12-APR-24	12-APR-24	Closed	Myra Sutcliff	100	100	0
	Discussion Forum	Identify owners	13-APR-24	13-APR-24	Closed	Hank Davis	250	300	50
	Maintain Support Systems	HR software upgrades	16-APR-24	19-APR-24	Closed	Pam King	8,000	7,000	-1,000
	Discussion Forum	Install ACME Web Express application on internet server	19-APR-24	19-APR-24	Closed	Hank Davis	100	100	0
	Bug Tracker	Train developers on tracking bugs	19-APR-24	24-APR-24	On-Hold	Myra Sutcliff	1,000	2,000	1,000
	Maintain Support Systems	Apply Billing System updates	20-APR-24	22-APR-24	Closed	Russ Saunders	9,500	7,000	-2,500
	Public Website	Determine host server	23-APR-24	23-APR-24	Closed	Tiger Scott	200	200	0
	Public Website	Check software licenses	23-APR-24	23-APR-24	Closed	Tom Suess	100	100	0



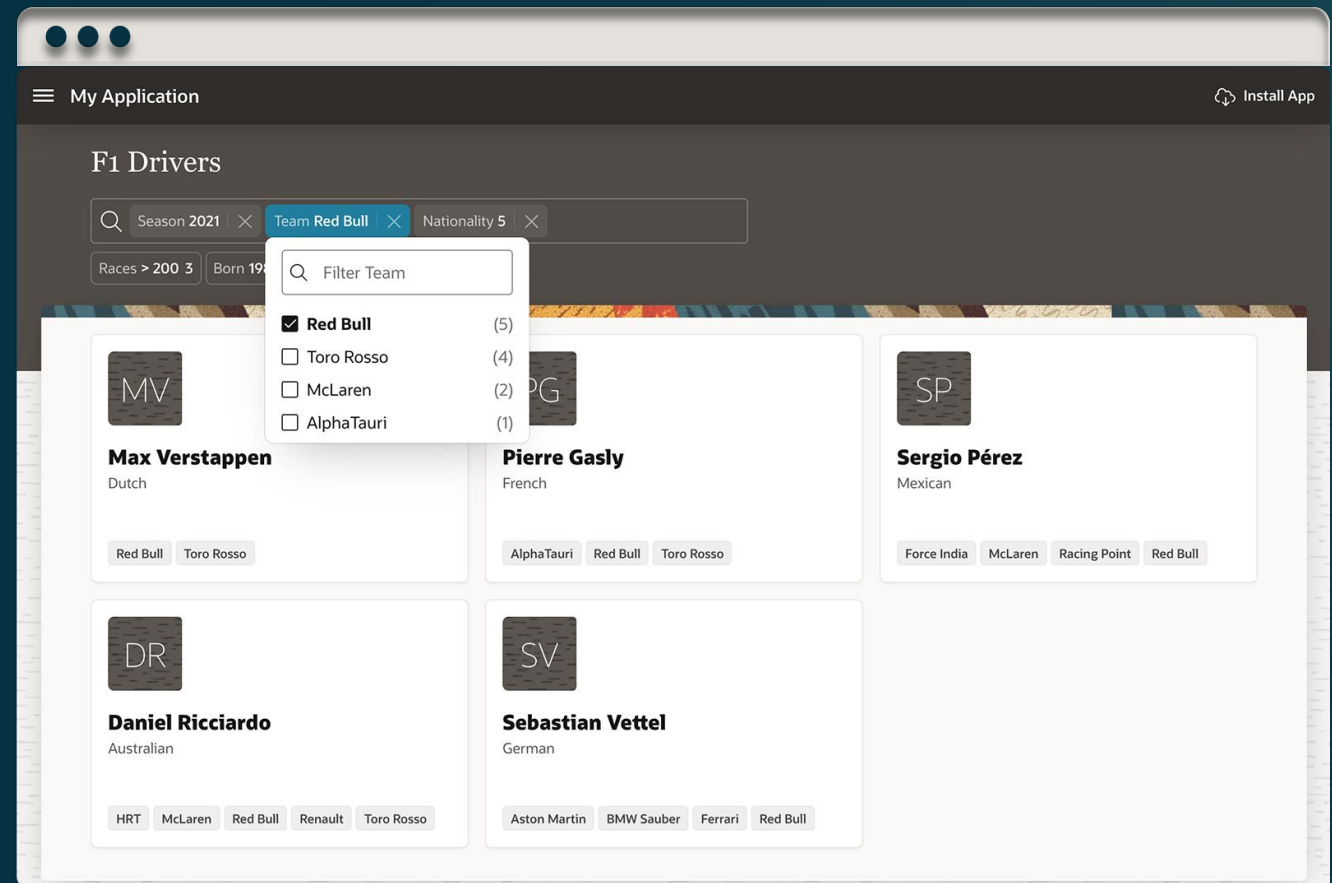
Faceted Search

Faceted Search helps users narrow large datasets through visible, count-aware filters that make exploration feel immediate.



Smart Filters

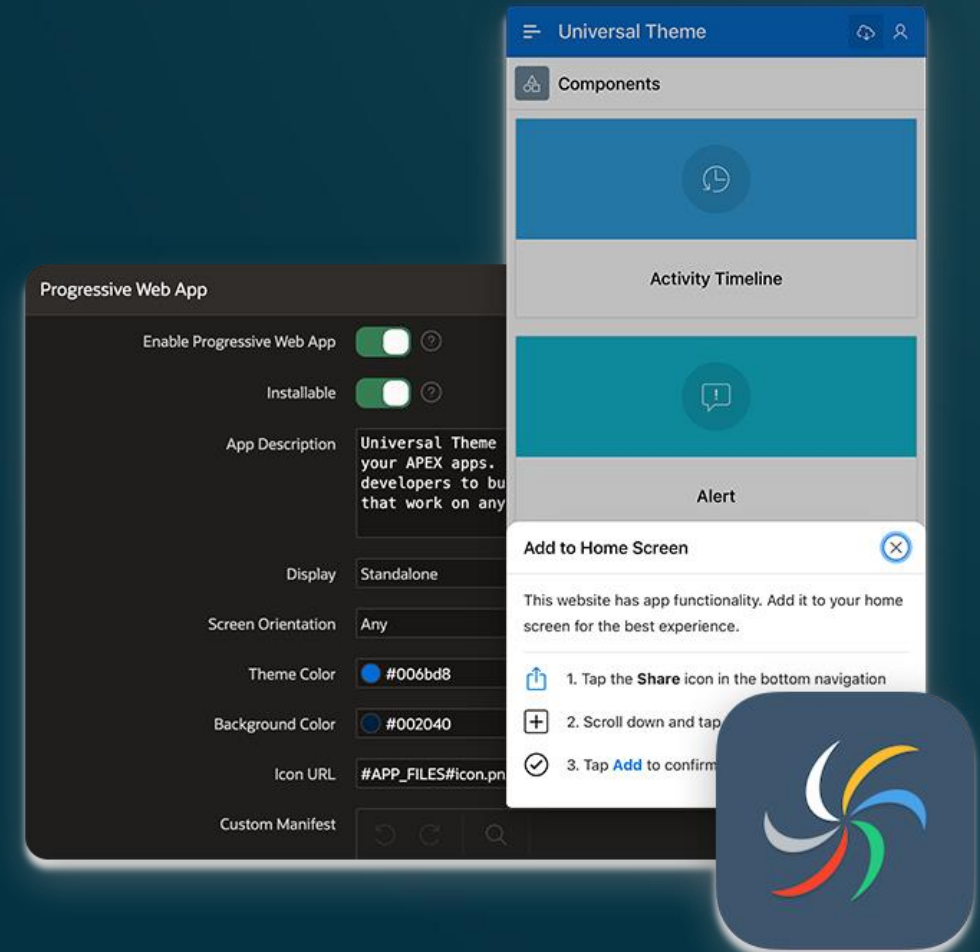
Smart Filters combine a search bar, filter suggestions, auto-complete, and chips so users can refine data quickly without learning a complex query language.



Progressive Web Apps

Progressive Web App support lets APEX applications feel more native on devices.

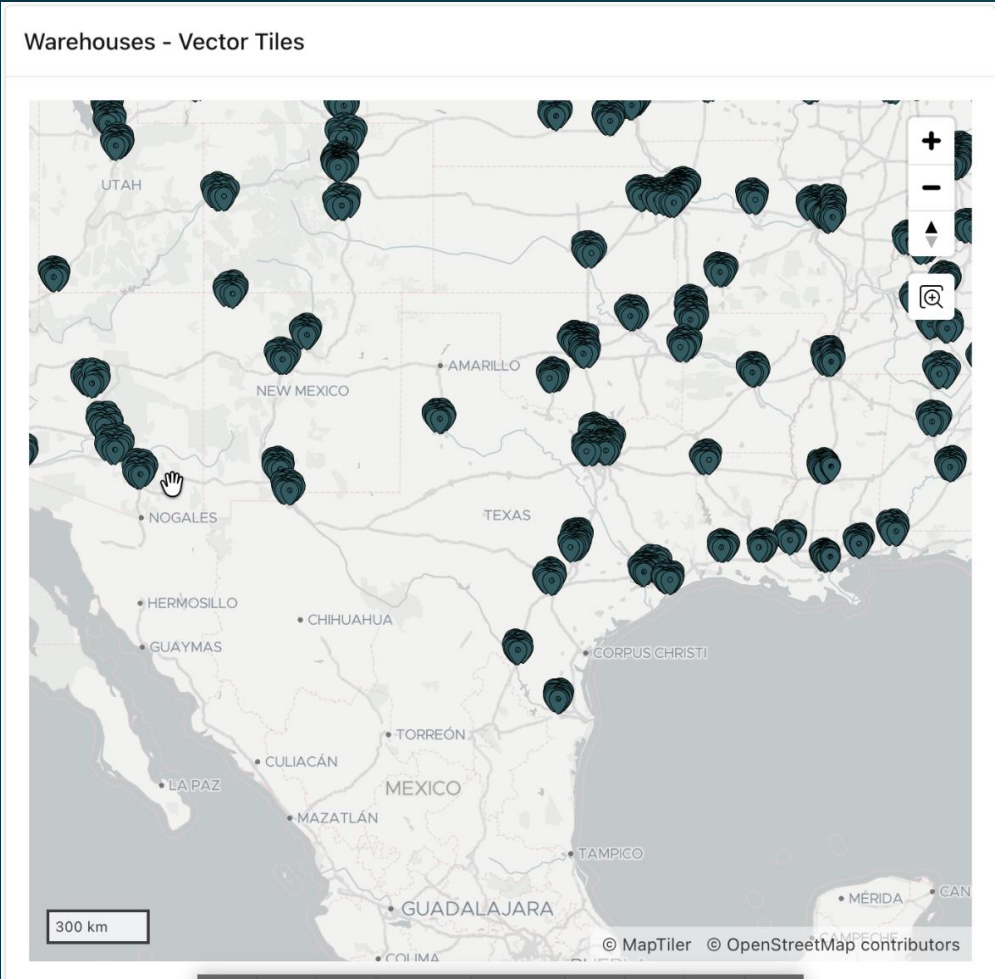
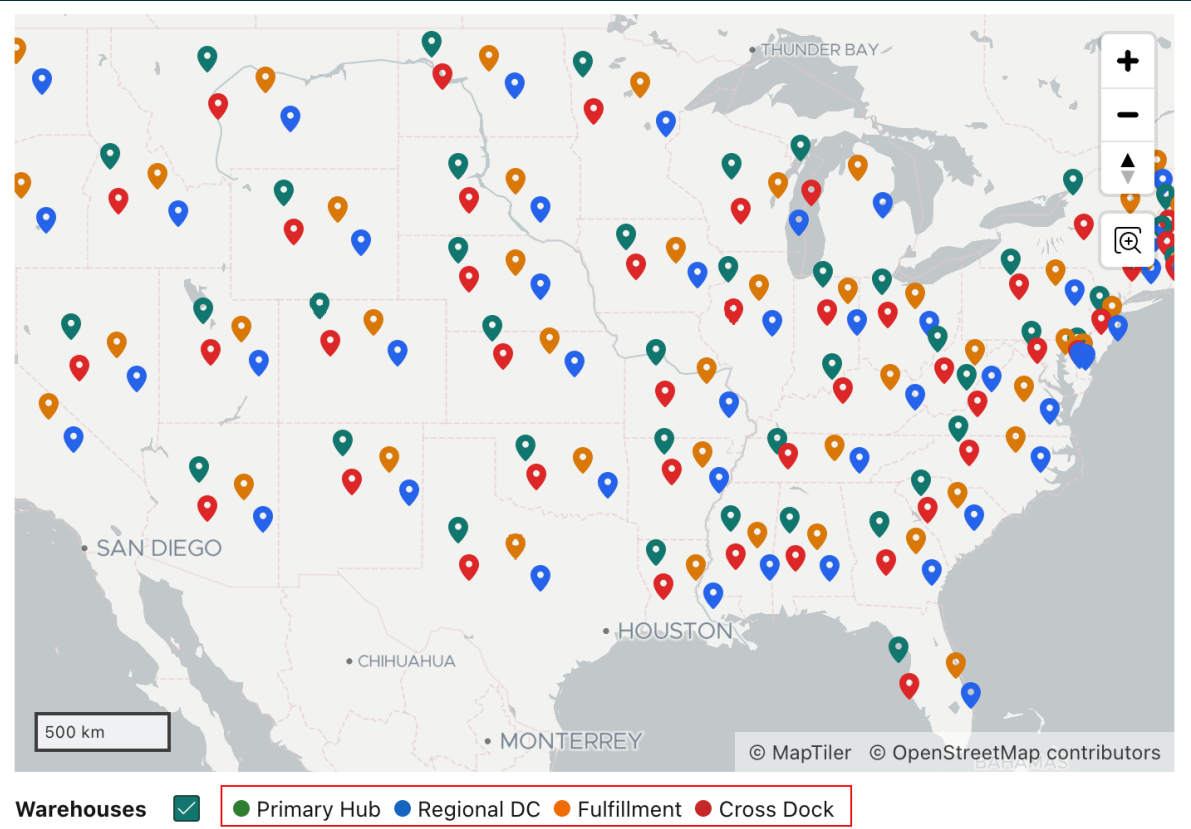
Apps can be installed, use branded icons and colors, show offline pages, improve load behavior with caching, and use device capabilities such as notifications, geolocation, sharing, and camera access.



Maps

The native Map component brings spatial context into APEX applications without a separate mapping stack.

Teams can layer points, lines, polygons, 3D polygons, heat maps, and custom background tiles, including raster, vector, and OGC WMS layers.



Interactive Grid

Interactive Grid provides rich multi-row viewing and editing with declarative behavior. It supports item types, cascading LOVs, Dynamic Actions, master-detail patterns, and migration from older tabular forms.

Customer Product Orders

Search: All Text Columns

Actions Edit Save Add Row

	Order Datetime		Customer Id	Email Address	Full Name
☒	3/12/2025		3	gary.jenkins@internalmail	Gary Jenkins
☐	3/16/2025		45	fred.fontain@internalmail	Fred Fontain
☐	3/17/2025		18	peter.jones@internalmail	Peter Jones
☐	3/18/2025		45	fred.fontain@internalmail	Fred Fontain
☐	3/19/2025		2	roy.white@internalmail	Roy White
☐	3/21/2025		74	alex.loera@internalmail	Alex Loera
☐	3/29/2025		9	norma.robinson@internalmail	Norma Robinson
☐	3/30/2025		109	linda.merida@internalmail	Linda Merida
☐	3/31/2025		127	azalee.goodwater@internalmail	Azalee Goodwater
☐	3/31/2025	COMPLETE	106	tressa.coppens@internalmail	Tressa Coppens
☐	3/31/2025	COMPLETE	68	emilio.sessaia@internalmail	Emilio Sessaia
☐	3/31/2025	COMPLETE	127	azalee.goodwater@internalmail	Azalee Goodwater
☐	3/31/2025	COMPLETE	99	luis.pothoven@internalmail	Luis Pothoven
☐	4/1/2025	COMPLETE	101	carolyne.centore@internalmail	Carolyne Centore
☐	4/3/2025	COMPLETE	119	reinaldo.feltner@internalmail	Reinaldo Feltner
☐	4/3/2025	COMPLETE	119	reinaldo.feltner@internalmail	Reinaldo Feltner

Columns

Filter

Data

Format

Selection

Chart

Report

Download

Help

Cell Selection F8

Copy ⌘ C

Cut ⌘ X

Paste ⌘ V

Paste Insert ⇧ ⌘ V

Duplicate Rows

Delete Rows Delete

Refresh Rows

Revert Changes

Copy Down

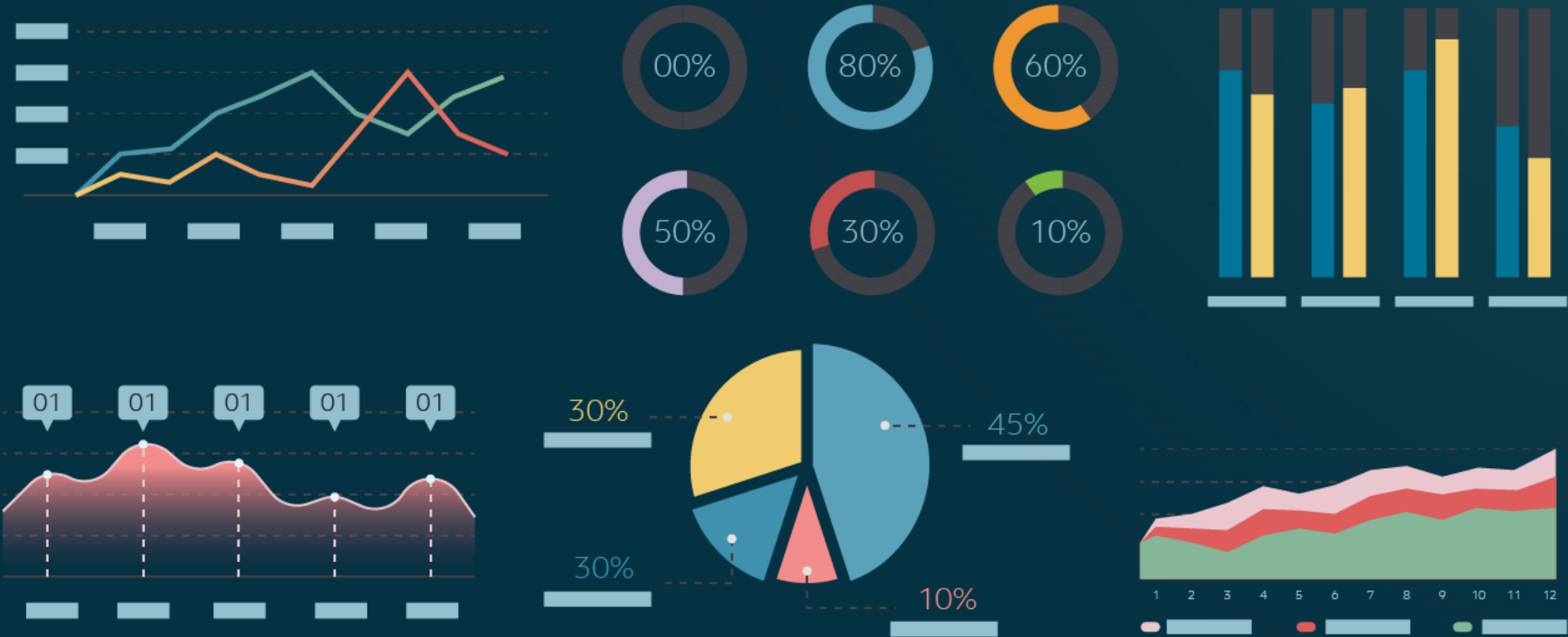
Fill

Clear



Charting Engine

APEX chart regions turn SQL, REST, and application data into interactive Oracle JET visualizations. Developers configure chart type, series, labels, and responsive behavior declaratively.



Dynamic Actions

Different views, drag and drop capability

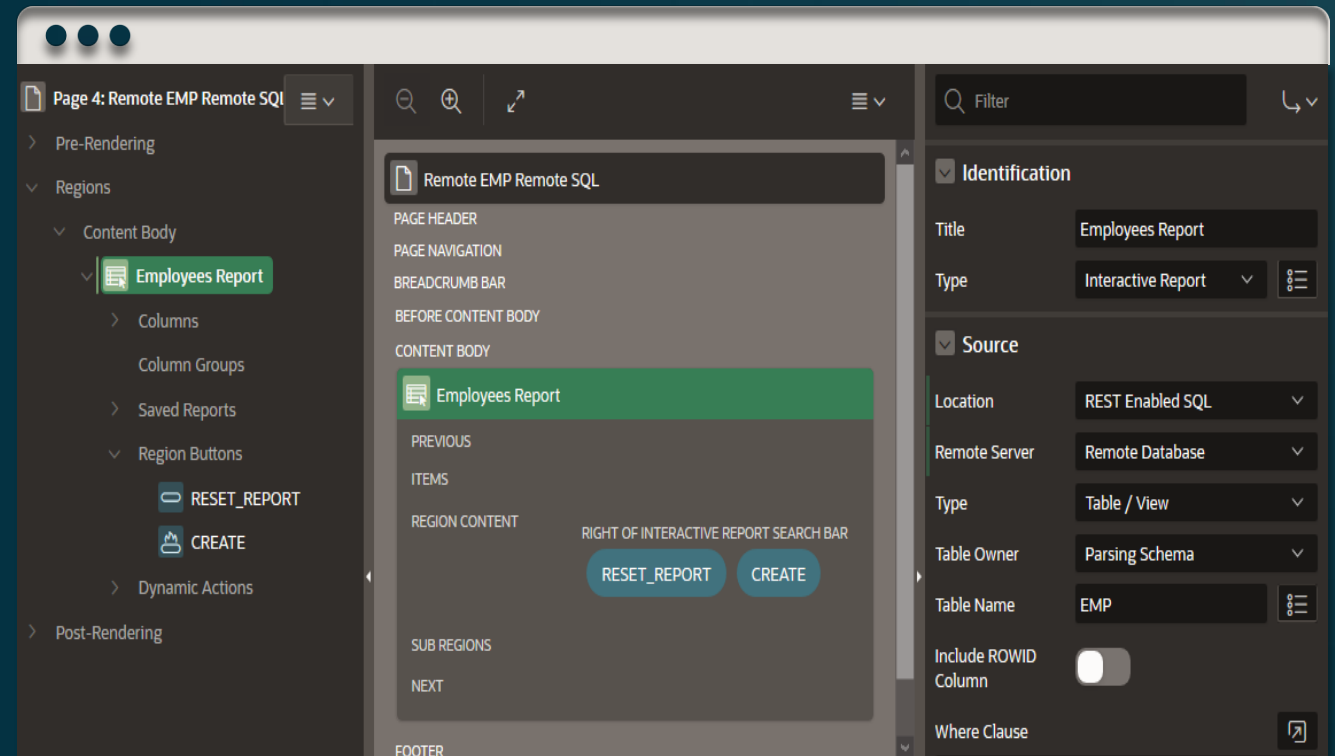
Dynamic Actions let developers add client-side behavior declaratively.

They define when an action fires, which components it affects, and what happens next, reducing the need for custom JavaScript in common interaction patterns.

The screenshot displays the Oracle APEX 'Sample Dynamic Actions' interface. The left sidebar contains a navigation menu with the following items: Home, Simple (selected), Style, Server Side, Execute PL/SQL Code, Set Values (SQL), Set Values (PL/SQL), Timer, Refresh, Filter and Refresh, Shuttle Refresh, Complex, and Administration. The main content area is titled 'Edit' and features a 'Disable/Enable' link and 'Cancel' and 'Apply Changes' buttons. The form contains the following fields: Employee Number (7839, marked as Required), Name (KING), Job (PRESIDENT), Manager (empty), Hire date (17-NOV-1981), Salary (5000), Commission (empty), and Department (ACCOUNTING).

REST-Enabled SQL Support

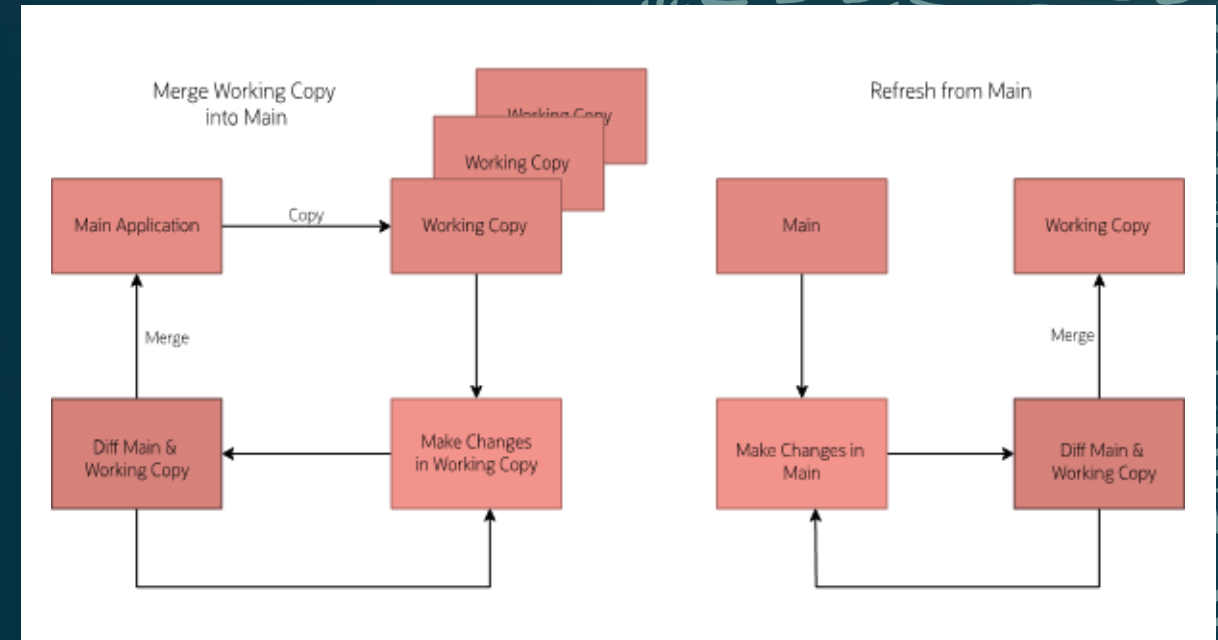
REST-Enabled SQL lets APEX components work with remote Oracle Databases through ORDS. Developers manage endpoint and authentication details in Shared Components, then use the remote source for reports, charts, calendars, trees, and processes.



Working Copies

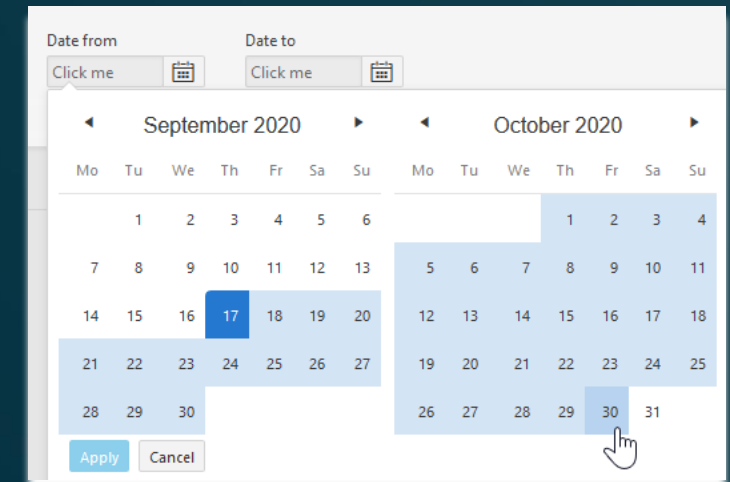
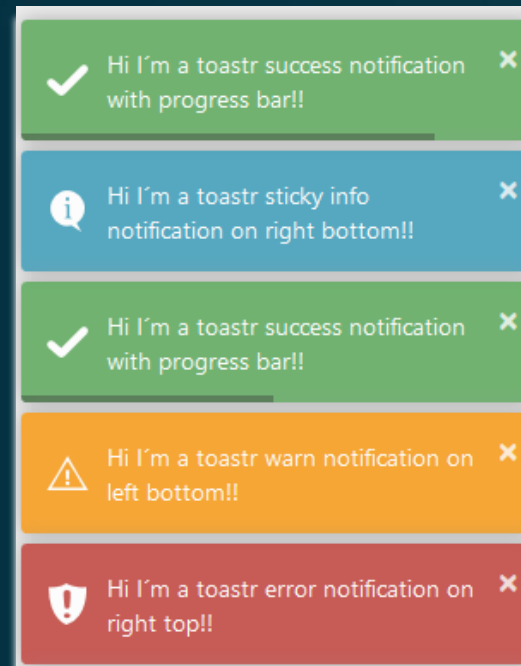
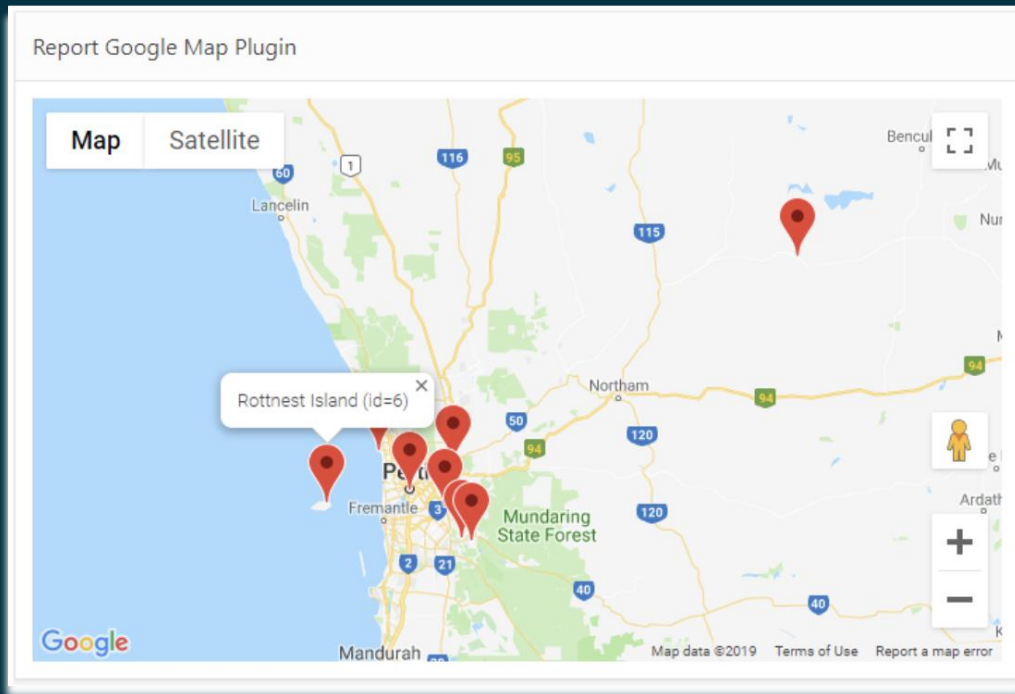
Working Copies let developers isolate changes, compare a copy with the main application, and merge approved updates back.

The model supports parallel work while keeping review and promotion closer to the APEX lifecycle.



Plug-ins

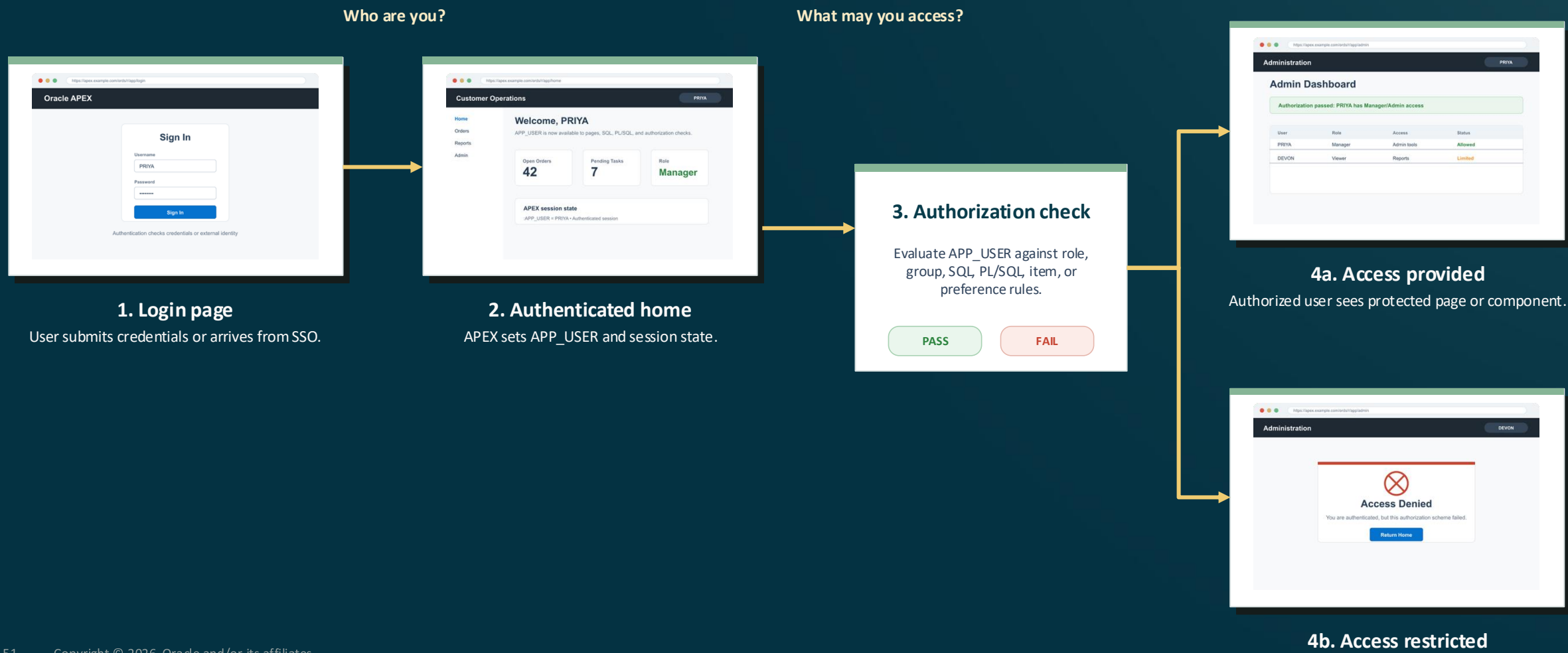
Plug-ins extend APEX with custom items, regions, processes, Dynamic Actions, and other reusable components when the built-in set is not enough.



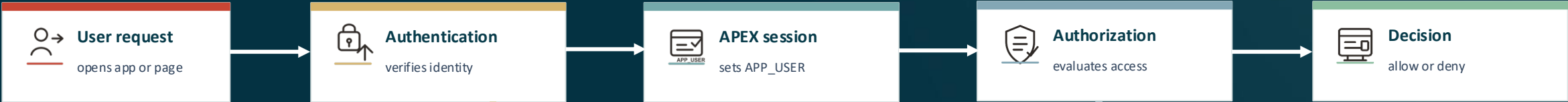
apex.world/ords/f?p=100:700

Authentication & Authorization

Authentication creates a known APEX session; authorization uses that identity to provide or restrict access to pages and components.



Authentication & Authorization



Who are you?

1. Authentication establishes identity

APEX uses the current authentication scheme to decide whether a request becomes a trusted session.

- Credentials or external identity are checked.
- If valid, APEX records the user as APP_USER.
- If invalid, the request is stopped before private pages run.



What are you allowed to do?

2. Authorization controls access

Authorization schemes then evaluate the identified user against business and security rules.

- Checks can use roles/groups, SQL, PL/SQL, items, or preferences.
- Schemes can be attached to apps, pages, controls, and components.
- The result is reused or rechecked based on evaluation settings.



Provide access

render page, show region/button, run process, expose permitted data



Restrict access

redirect to login, show access denied, hide component, block execution



Authentication Schemes



Native / development

Builder Extension Sign-in
Reuses a valid APEX Builder session.

Oracle APEX Accounts
Workspace-managed APEX users.

Open Door Credentials
Captures a user name; useful for development.

No Authentication (using DAD)
Adopts the current database user.

Database + directory

Database Accounts
Authenticates with database schema credentials.

LDAP Directory
Checks user name and password against LDAP.

SSO + federation

HTTP Header Variable
External gateway passes user in a header.

Oracle AS SSO
Delegates to Oracle Application Server SSO.

SAML Sign-In
Federated sign-in with SAML assertions.

Social Sign-In
OpenID Connect or OAuth2 providers.

Extensible

Custom Authentication
PL/SQL-controlled interface and checks; plug-ins can extend authentication behavior.



Authorization Schemes



Built-in access gates
common authorization choices

No Authorization Required

Must Not Be Public User

SQL row checks
authorize from database rows

Exists SQL Query

NOT Exists SQL Query

PL/SQL + extensible logic
custom business rules

PL/SQL Function Returning Boolean

Authorization type plug-ins

Item state checks
session item value gates

Item in Expression 1 is NULL

Item in Expression 1 is NOT NULL

Item value Equals Expression 2

Item value Does NOT Equal Expression 2

Preference checks
user preference value gates

Preference Equals Expression 2

Preference Does NOT Equal Expression 2

Role / group checks
APEX roles, groups, DB roles, or custom groups

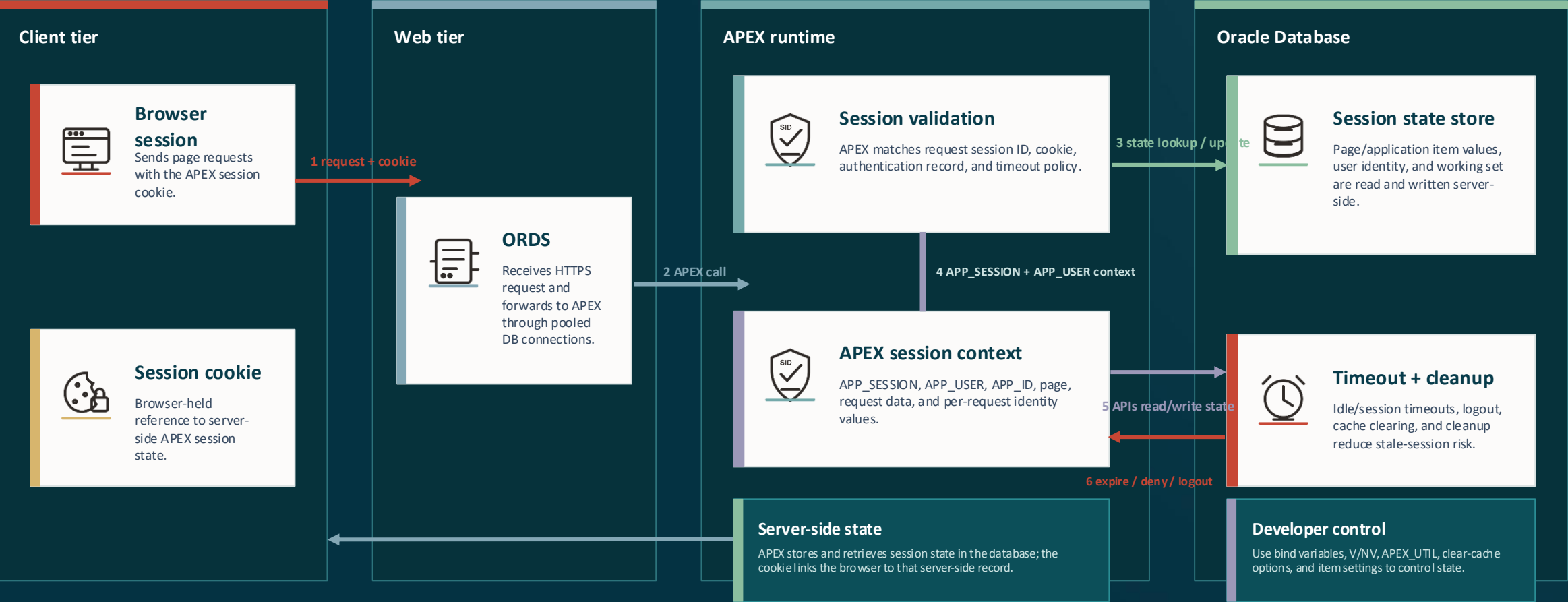
Is In Role or Group

Is Not In Role or Group



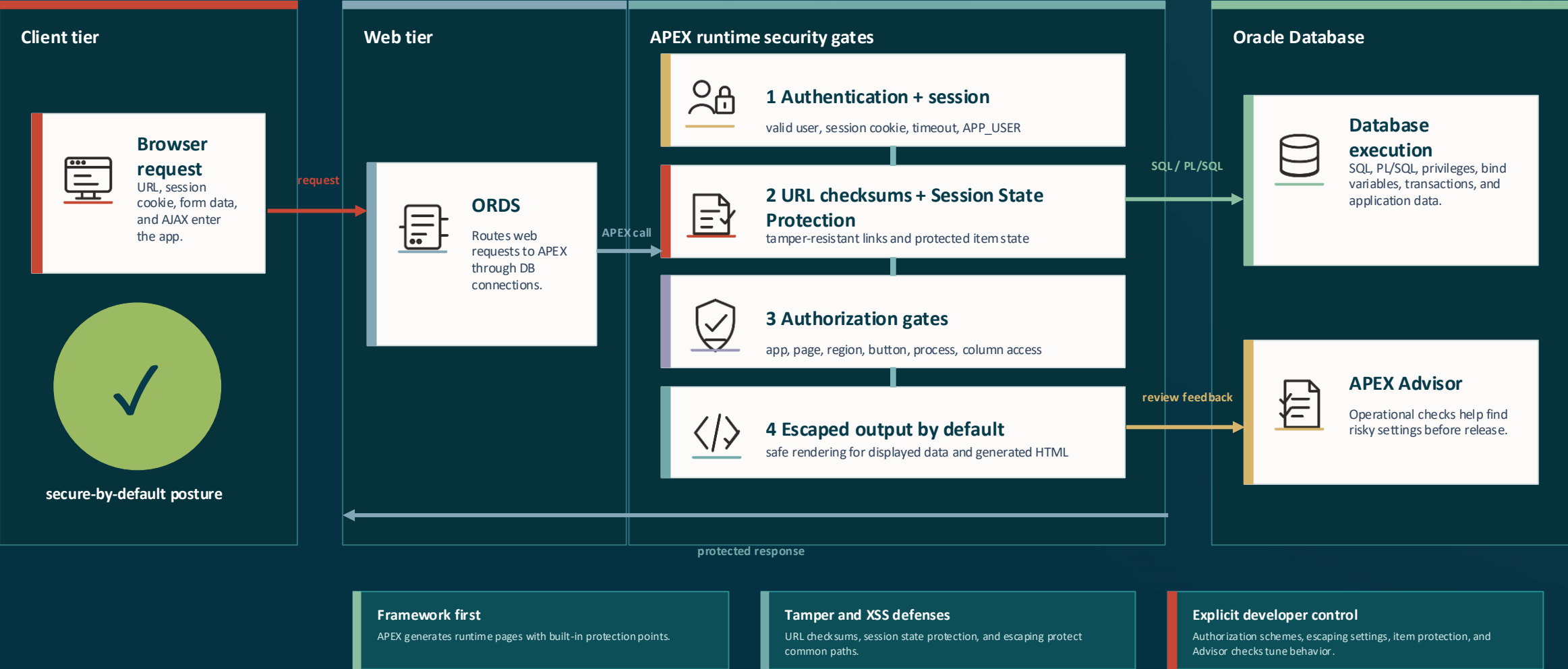
Session Management

Browser carries a secure session reference; APEX validates it every request and keeps trusted session state inside Oracle Database



Secure by Default

requests pass through APEX framework security gates before data access; responses are rendered with framework protections and operational feedback



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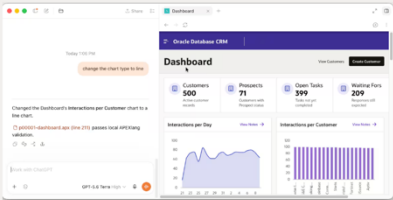
Oracle APEX AI Application Generator helps organizations use AI to create secure, scalable, data-driven enterprise applications on the Oracle Database.

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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