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What Else in APEX 26.1?

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Oracle APEX

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Agenda

Interactive Report Improvements

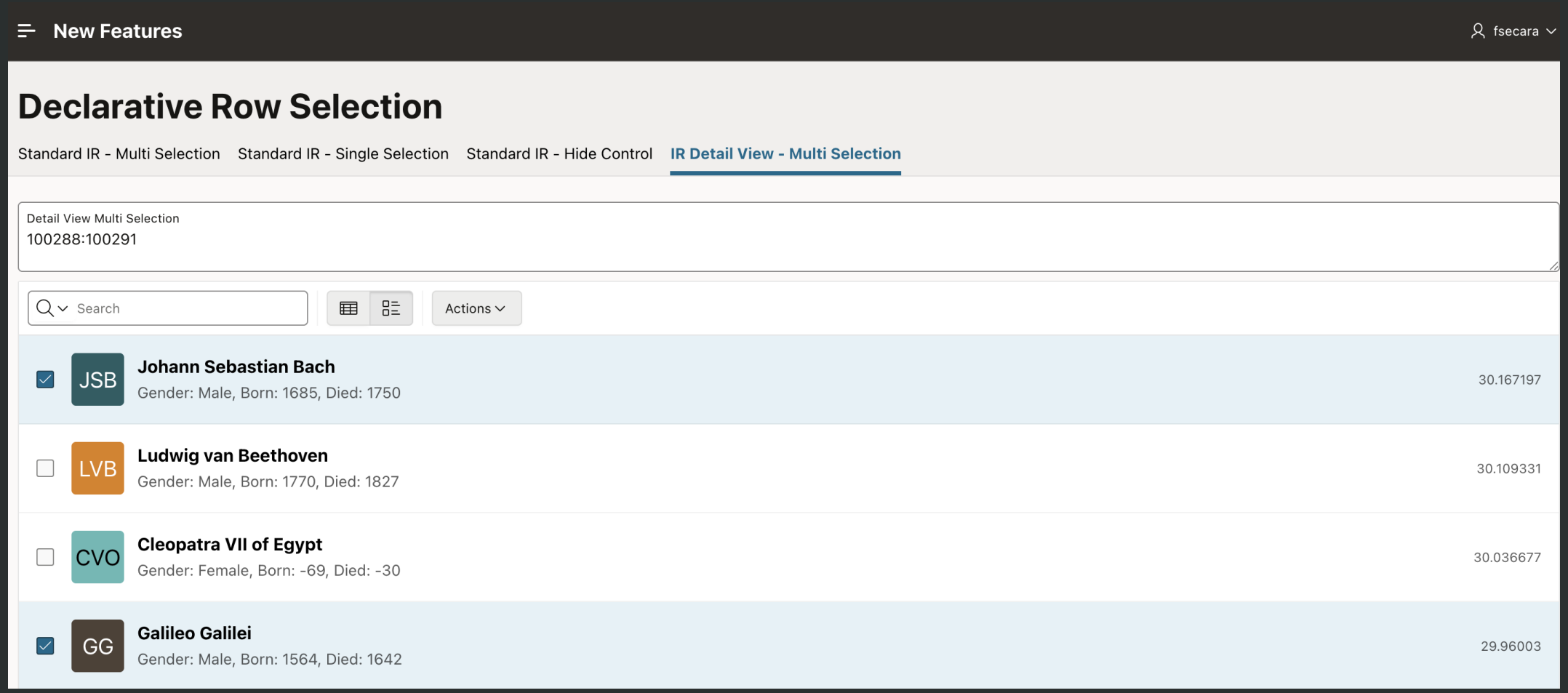
Developer Usability Improvements

Other New Features

Interactive Report Enhancements

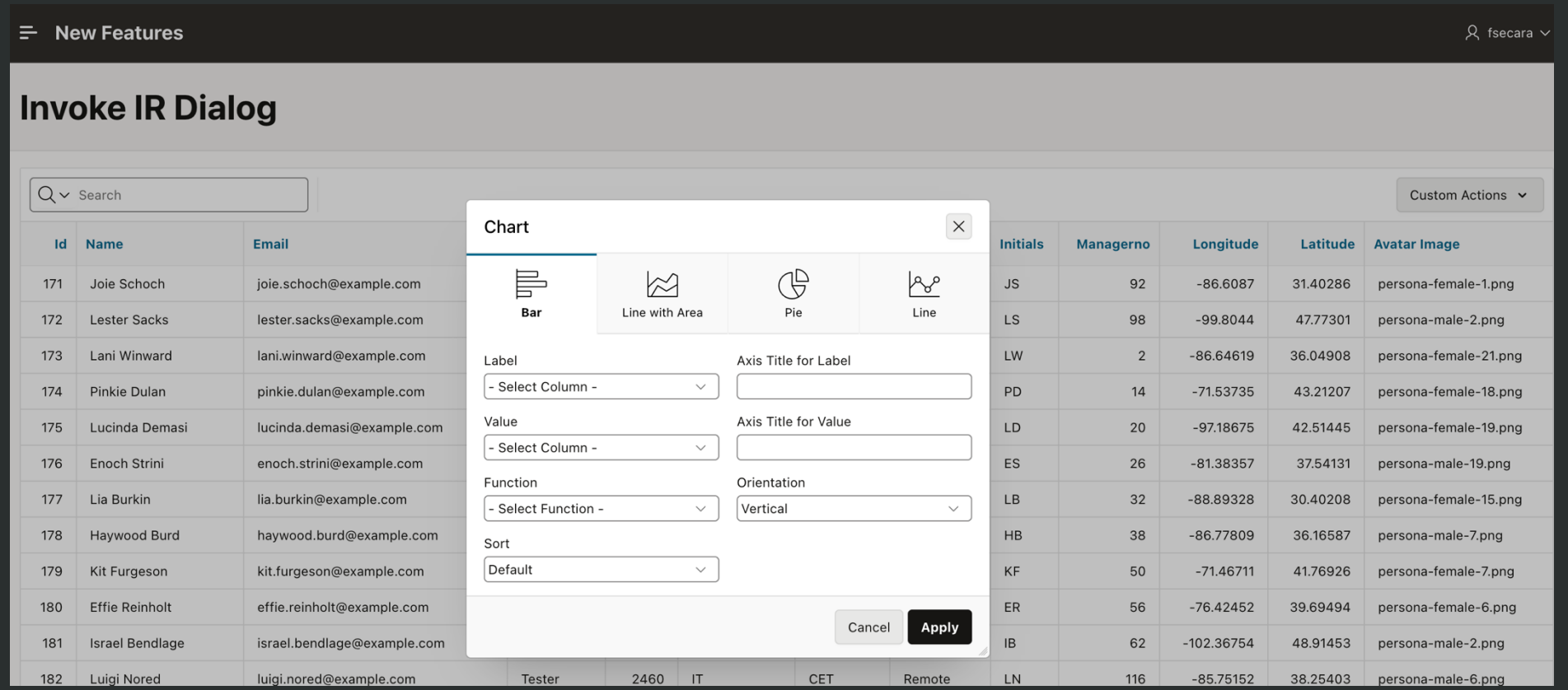
Enhancement 1/6: Declarative Row Selection

This feature allows developers to enable row selection in Interactive Reports without requiring manual checkbox implementation or JavaScript workarounds.



Enhancement 2/6: Invoke Interactive Report Dialog

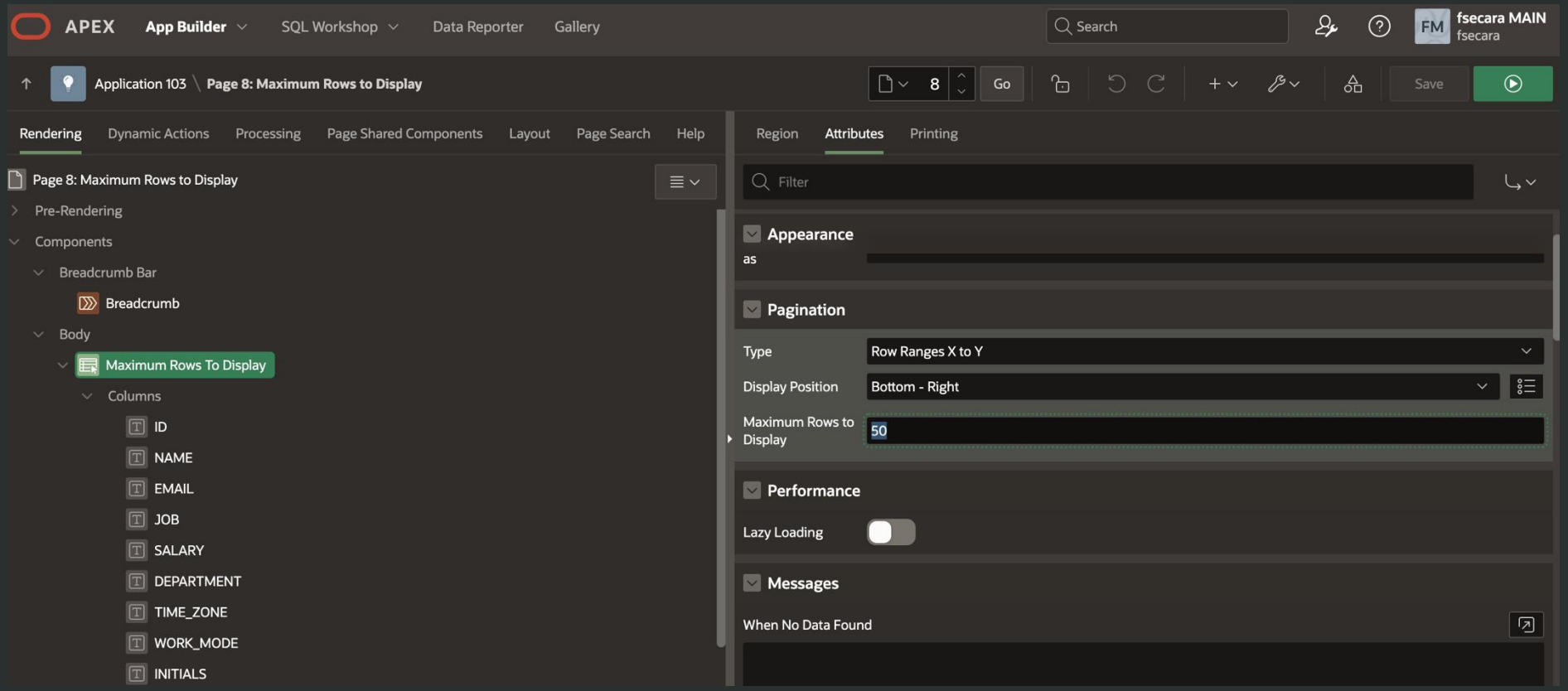
This feature allows developers to invoke specific Interactive Report action dialogs such as Select Columns, Download, Chart, etc through dynamic actions, enabling custom button placement and greater UI flexibility beyond the standard IR Actions menu.



Enhancement 3/6: Maximum Rows to Display

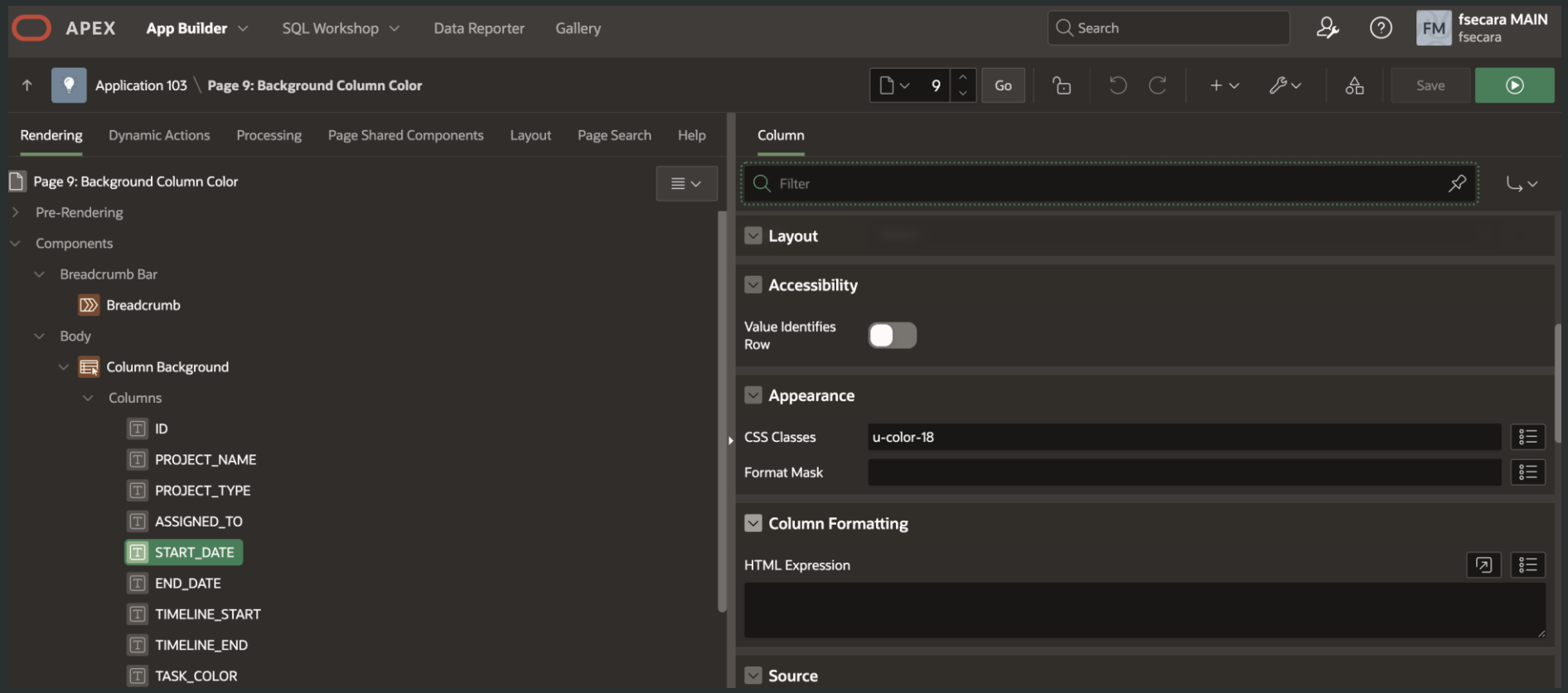
This feature allows developers to set a maximum number of rows displayed to users after all Interactive Report filters, sorting or other settings are applied, ensuring users see the most relevant results based on their interactions.

Preferred over Maximum Rows to Process.



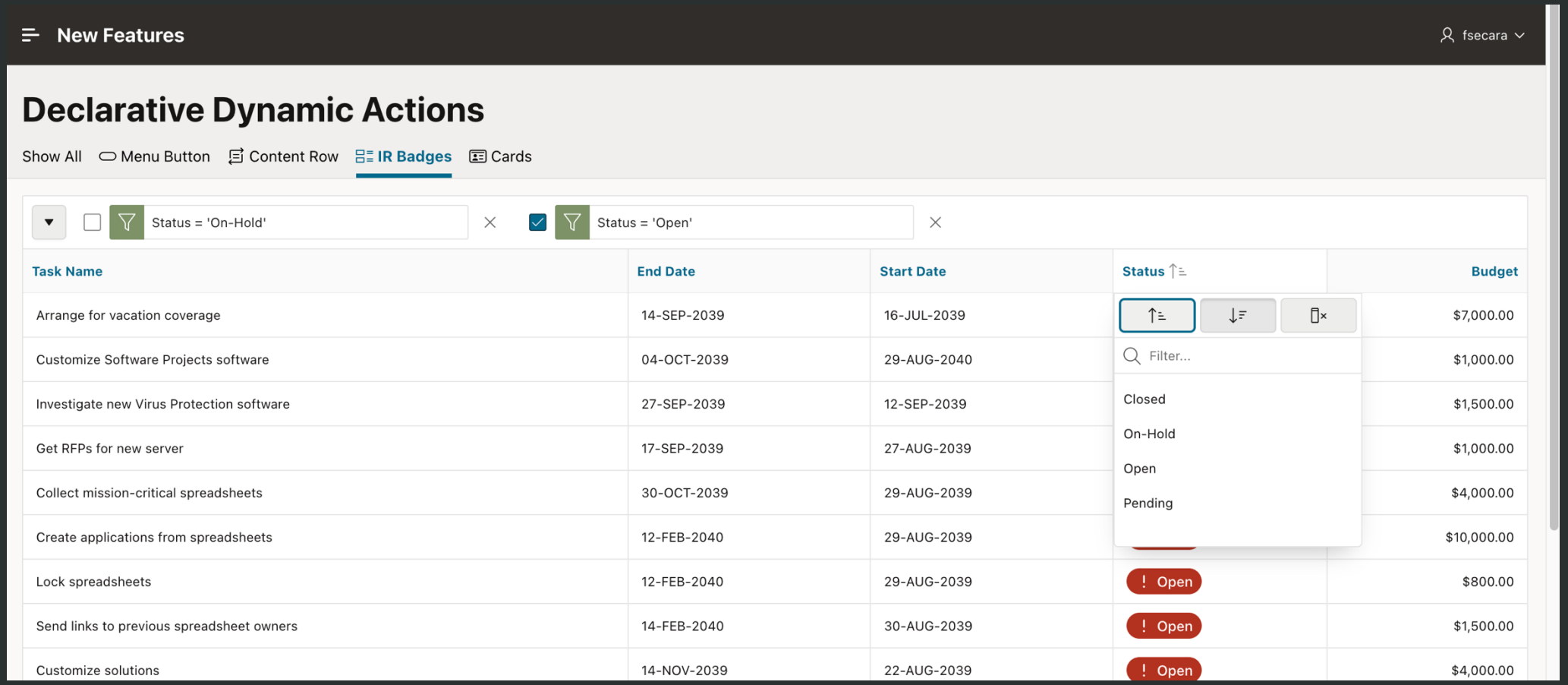
Enhancement 4/6: CSS Class to IR Columns

This feature allows developers to assign a CSS classes directly to Interactive Report columns, providing precise styling control and consistent formatting without requiring HTML expression or workarounds.



Enhancement 5/6: Filtering and Sorting for Template Components

This feature allows developers to enable sorting and filtering on Template Component columns in Interactive Report, removing previous restrictions and providing full control over column functionality.



Enhancement 6/6: Unlimited Row Output

This feature removes the 32kb per-row limit output limitation in Interactive Report, enabling display of complex reports with numerous columns, large text values and extensive templating, note that this is not available for Pivot.

Cc	C001	C002	C003	C004	C005	C006	C007	C008	C009	C010	C011	C012	C013	C014	C015	C016	C017	C018	C019	C020	C021	C022	C023	C024	C025	C026	C027	C02
0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
0	2	2	2	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
0	3	3	3	0	0	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
0	4	4	4	0	1	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
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0	11	11	11	2	2	3	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	1
0	12	12	12	2	3	4	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	1

Demo:

Interactive Report Enhancements

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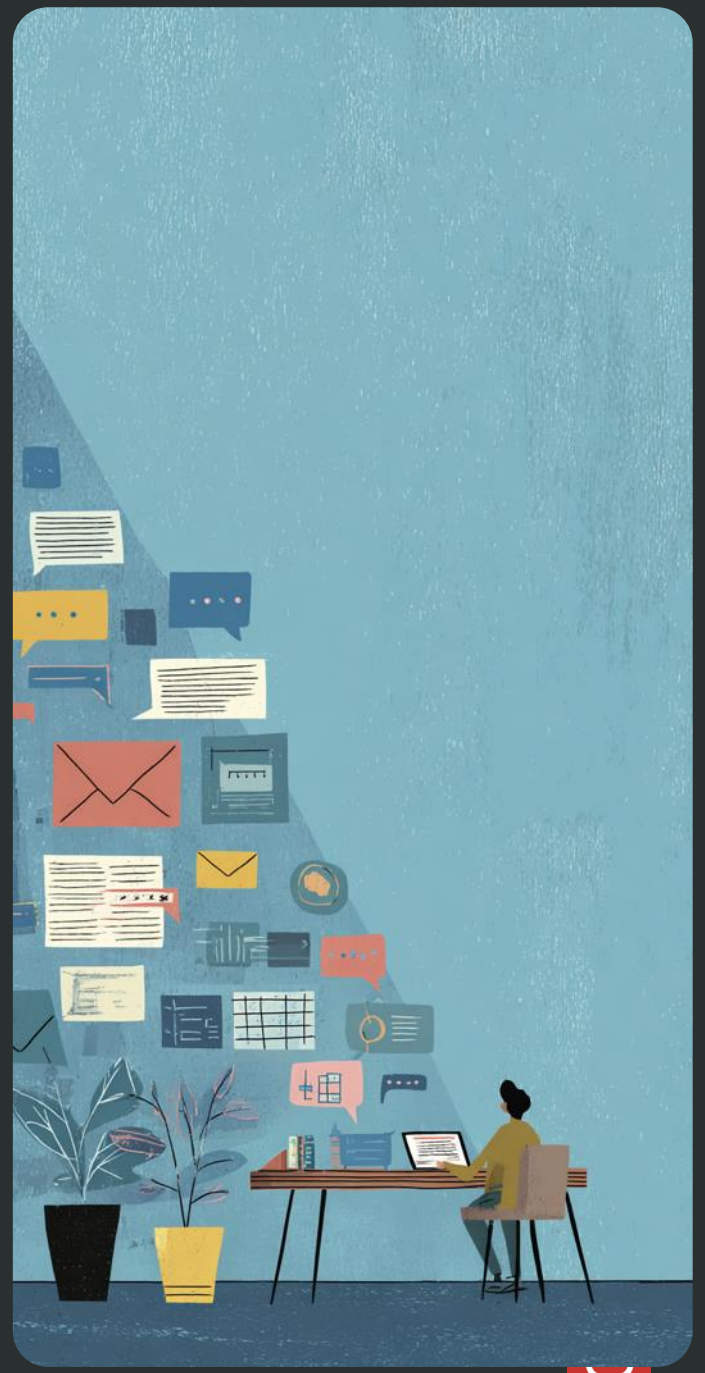
Developer Usability Improvements

Trigger Actions

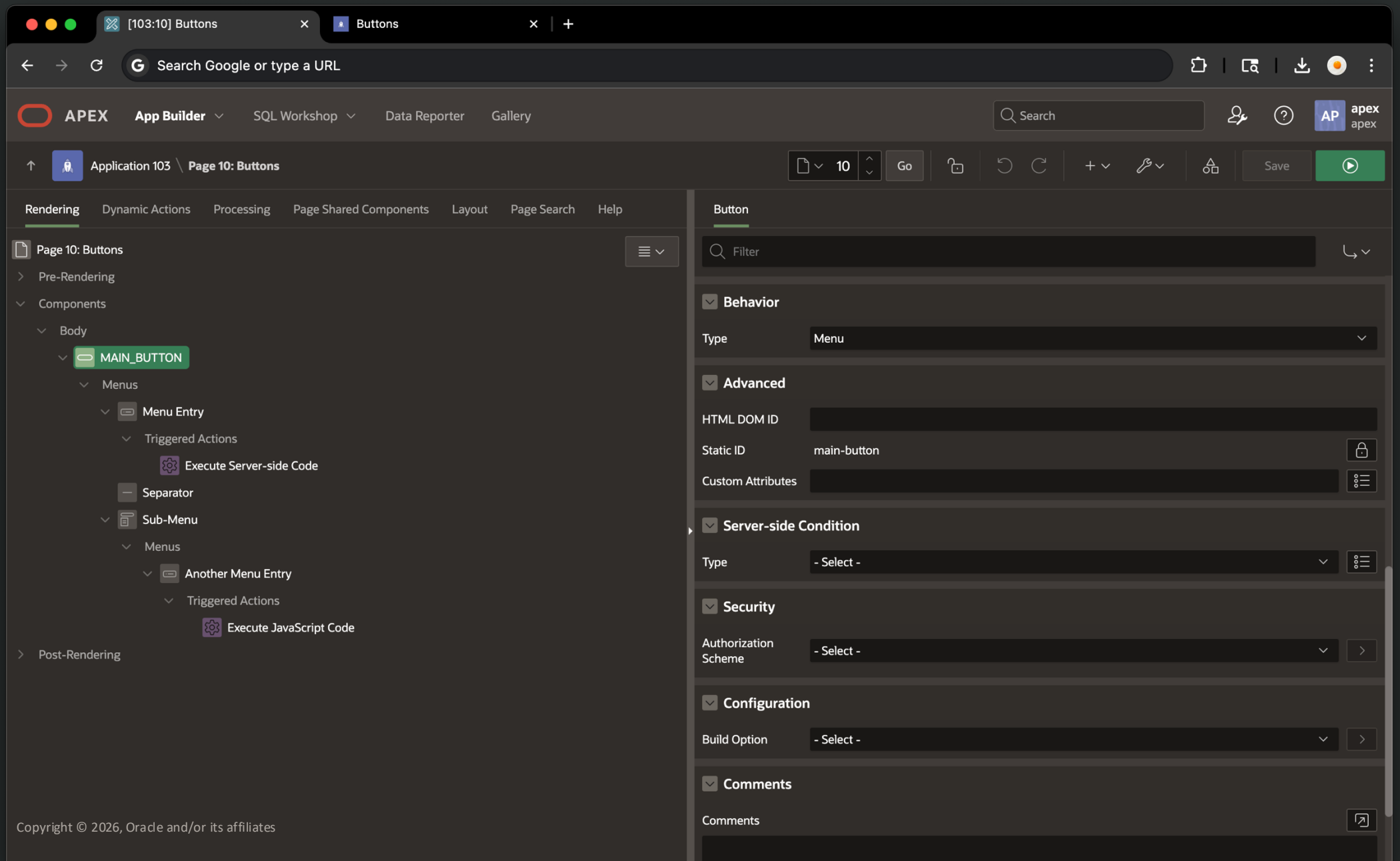
This feature empowers developers to build robust client-side functionality with row context access.

Simplified development by allowing direct, **declarative** attachment of dynamic actions, eliminating the need for custom JavaScript.

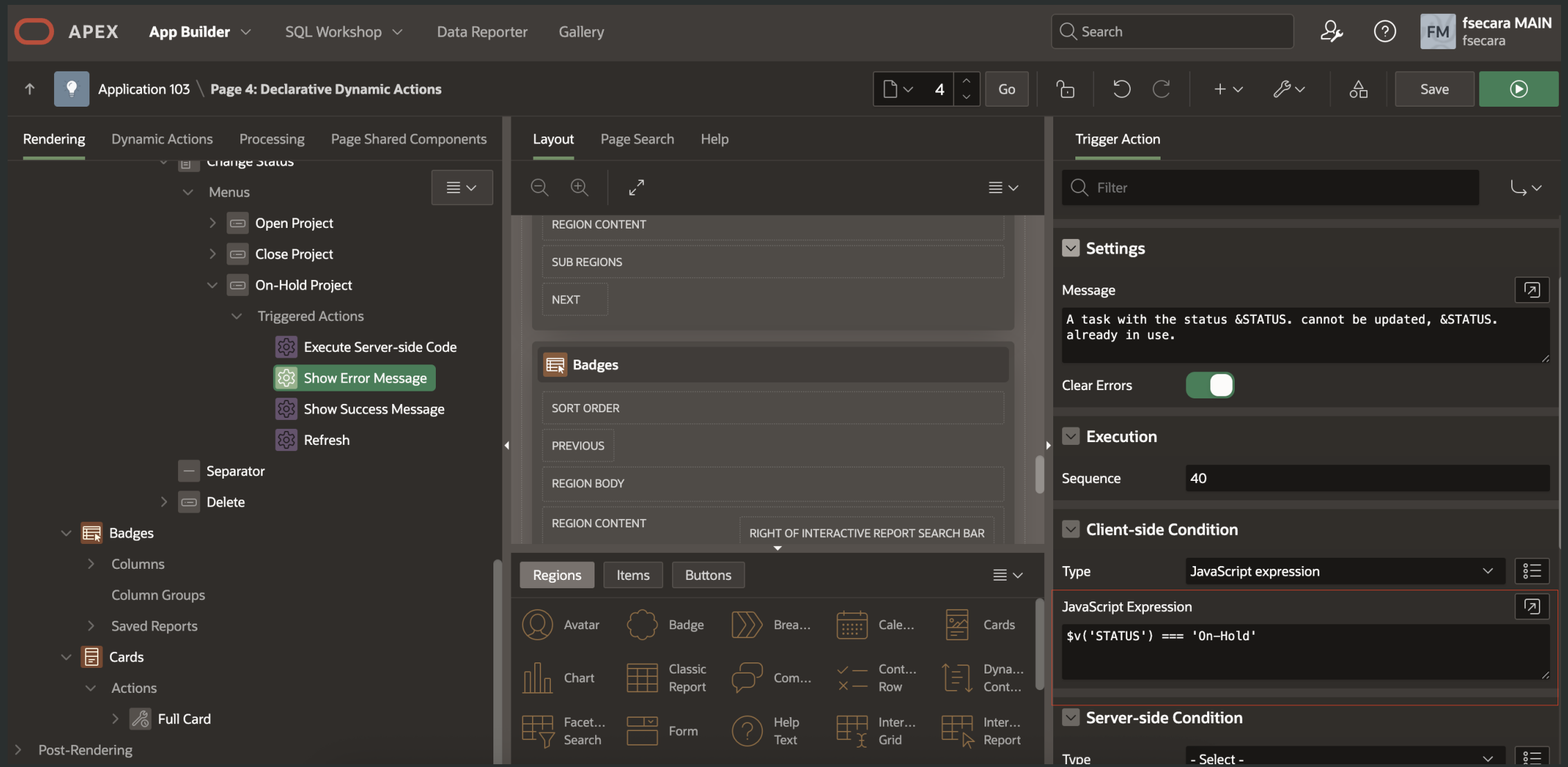
Consistent functionality across Template Component Actions, Menu Buttons, and standard page components.



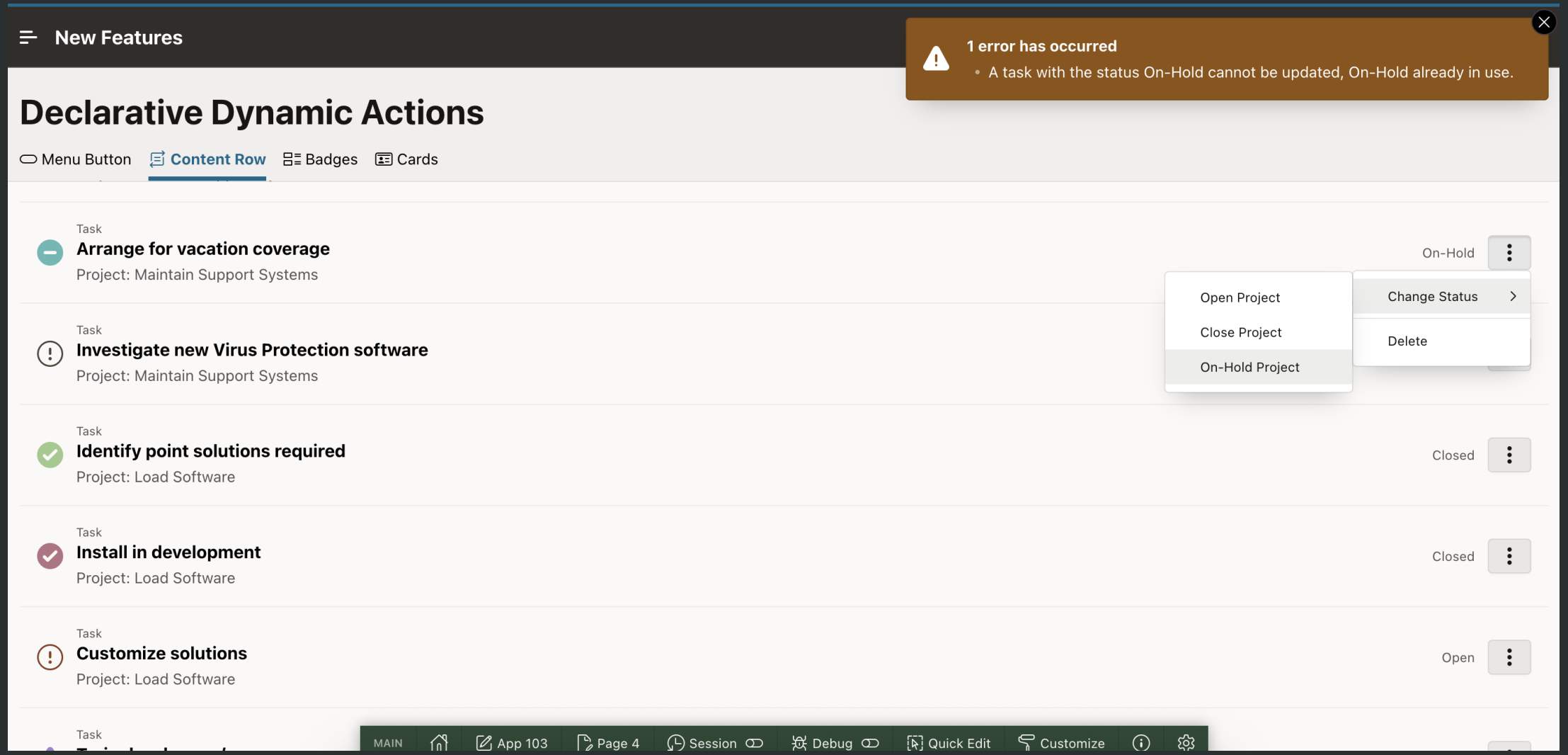
Declarative Menus and Trigger Actions



Declarative Menus and Trigger Actions

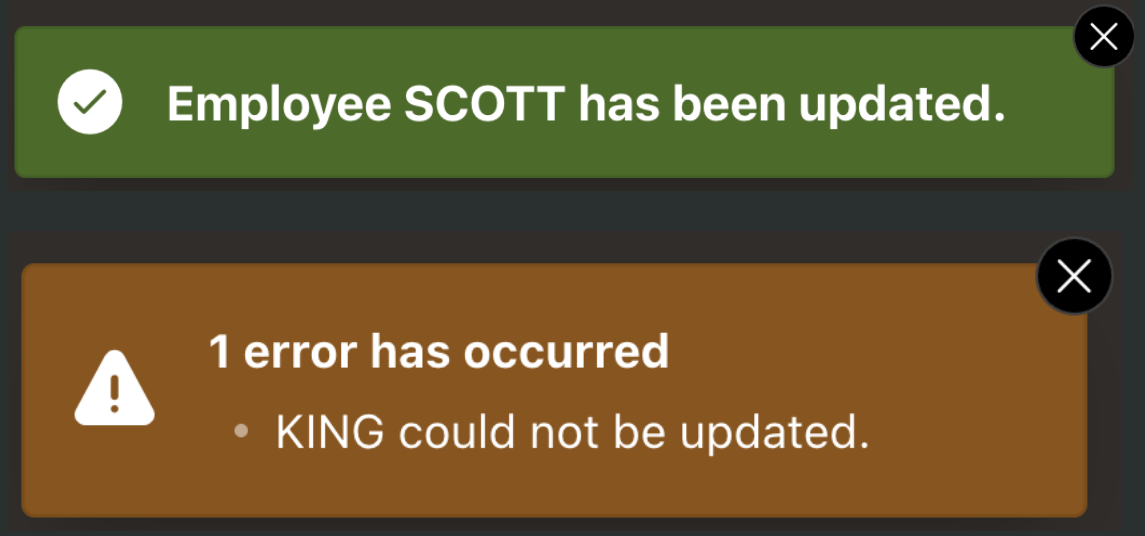


Declarative Menus and Trigger Actions



New Dynamic Actions

- Show Success Message
- Show Error Message
- Clear Errors

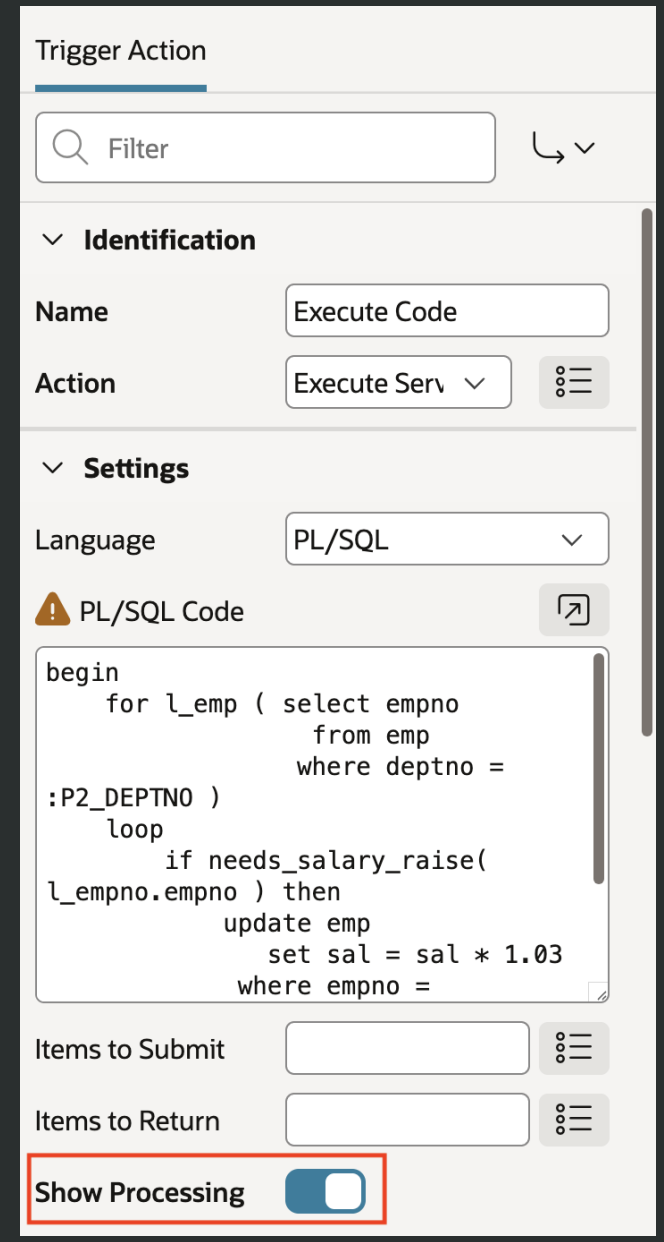


Declarative Spinner

A new **Show Processing** switch in Dynamic Actions makes it easy to display a spinner for long-running PL/SQL code.

No custom JavaScript needed!

This brings consistent and user-friendly feedback to server-side actions, streamlining both development and the end-user experience.



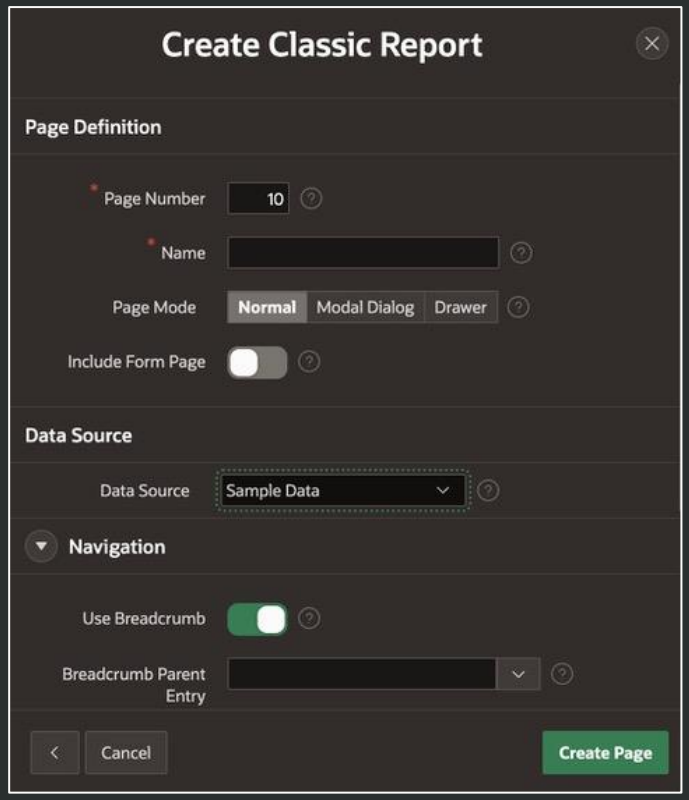
Running Modal Dialog Pages

Run Directly from Page Designer:

- Modal Dialog Pages
- Page 0

Sample Data

- Enables **quick component creation** by using built-in sample data without needing to define a data source.
- Supports **tailored sample data per component type** to ensure appropriate visuals, with flexibility for plug-in developers to define their own demo queries.
- Helps developers **build UI mockups faster** and independently of backend data availability.
- Lets UI developers focus on layout while data source developers define actual queries or REST sources later.



Demo:
Developer Usability Improvements

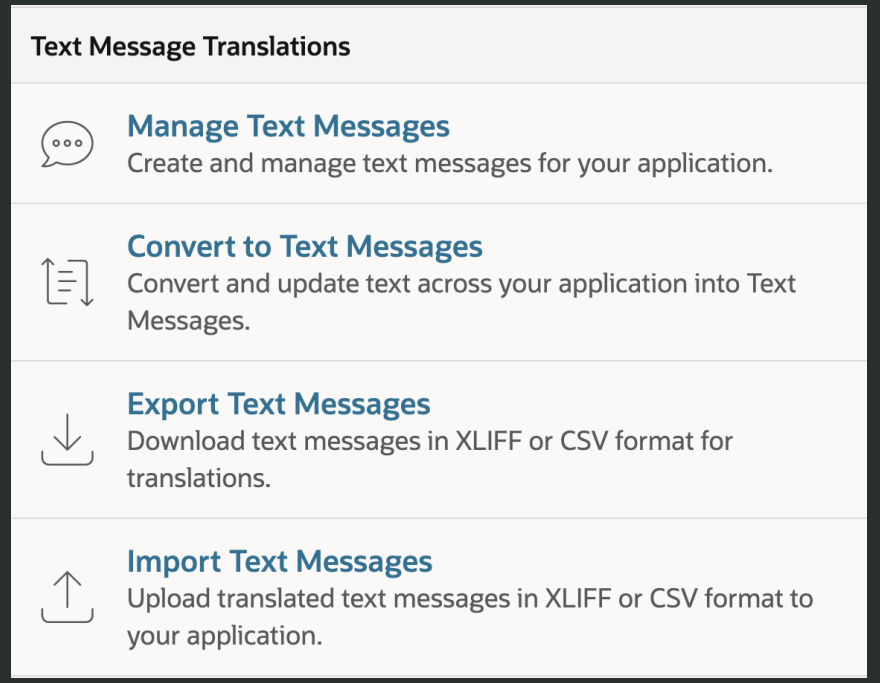
Other New Features

Message Based App Translations

APEX now features a powerful, **text message–based translation system**! Developers can easily **seed, export, and import** translatable text strings.

Enabling quick setup for multilingual apps without the need for shadow applications.

Effortlessly manage translations in the APEX Builder or via XLIFF/CSV files, so delivering applications in multiple languages is simpler and more flexible than ever before!



Content Security Policy (CSP) Enhancements

APEX 26.1 makes significant progress toward stronger Content Security Policy (CSP) support, reducing the need for `unsafe-inline` and `unsafe-hashes` across modern components.

A new class-based approach replaces inline styles for dynamic behaviour, helping applications work with stricter CSP configurations.

These improvements enhance the security posture of APEX applications and support adoption of modern CSP standards, while ongoing validation and guidance continue to expand compatibility across APEX features.

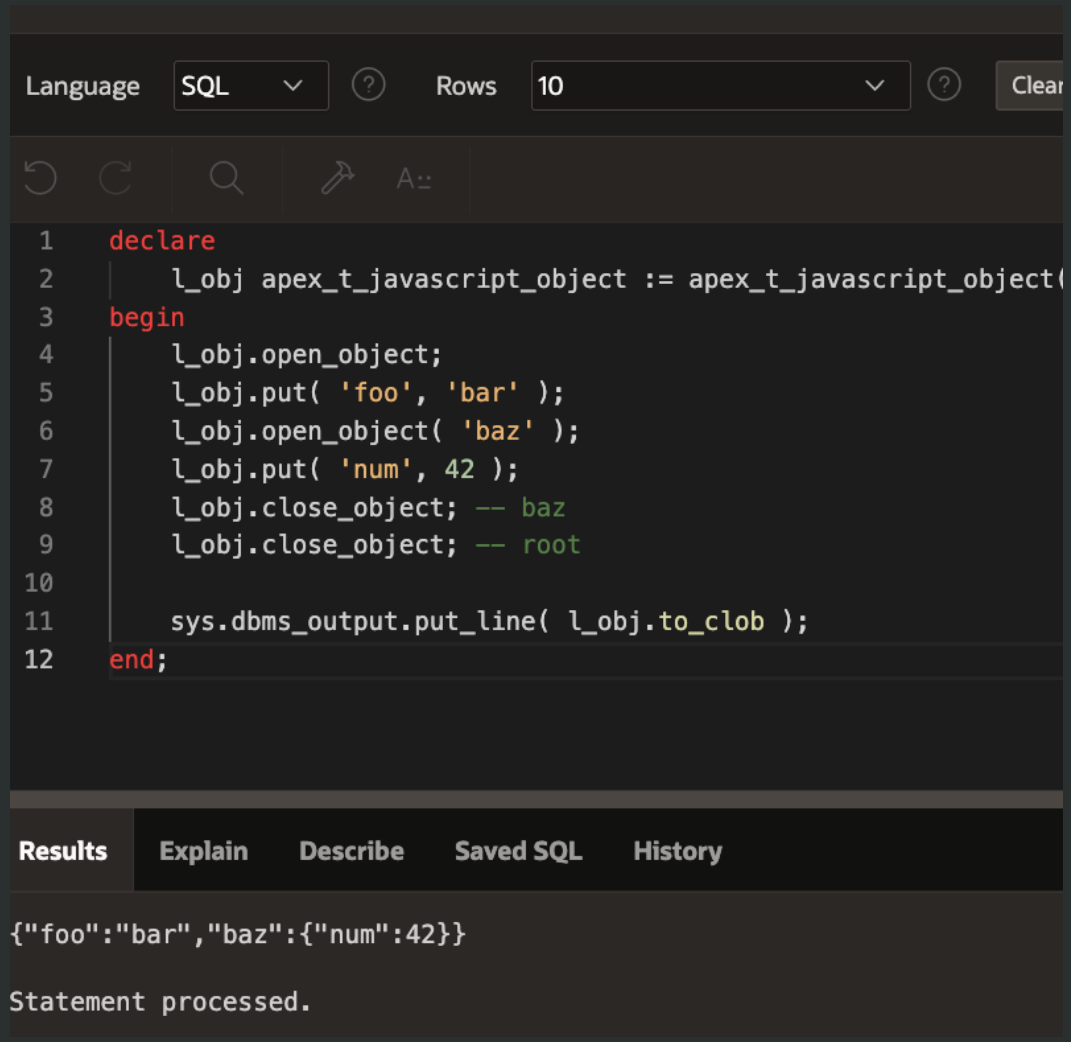
26ai Boolean Support

APEX now fully supports the Boolean SQL datatype (Oracle DB 26ai+), enabling Boolean columns, values, and processing in UI, session state, and APIs.

APEX_T_JAVASCRIPT_OBJECT

The **APEX_T_JAVASCRIPT_OBJECT** Public API is new public object type for constructing JavaScript objects with various properties to be passed directly to the browser with methods like:

- **open_object/close_object**
- **open_array/close_array**
- **put**
- **append**
- **put_function**



Demo:
Other New Features

Thank you

Menno Hoogendijk