

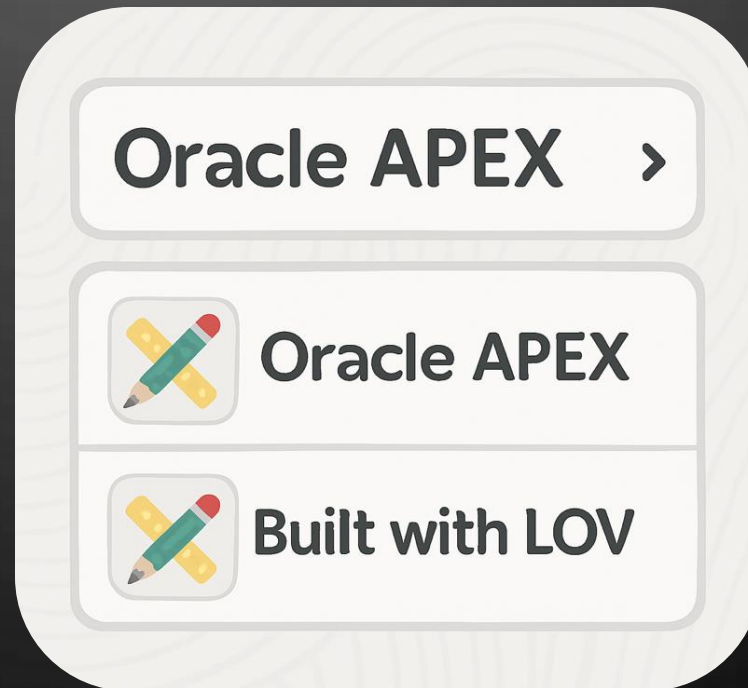
The background of the image is a photograph of a large, multi-story building with a prominent central dome and many windows, situated behind a line of trees. In the foreground, there is a body of water with a small sailboat. The entire image is overlaid with a semi-transparent dark blue filter. At the bottom of the image, there is a decorative horizontal bar with a geometric pattern in shades of blue, green, yellow, and orange.

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Welcome

BUILT WITH LOV USING APEX



JON DIXON



linktr.ee/jondixonus



APEX



ORDS



EBS & Fusion



Database

AGENDA



Why?



Types



Sources

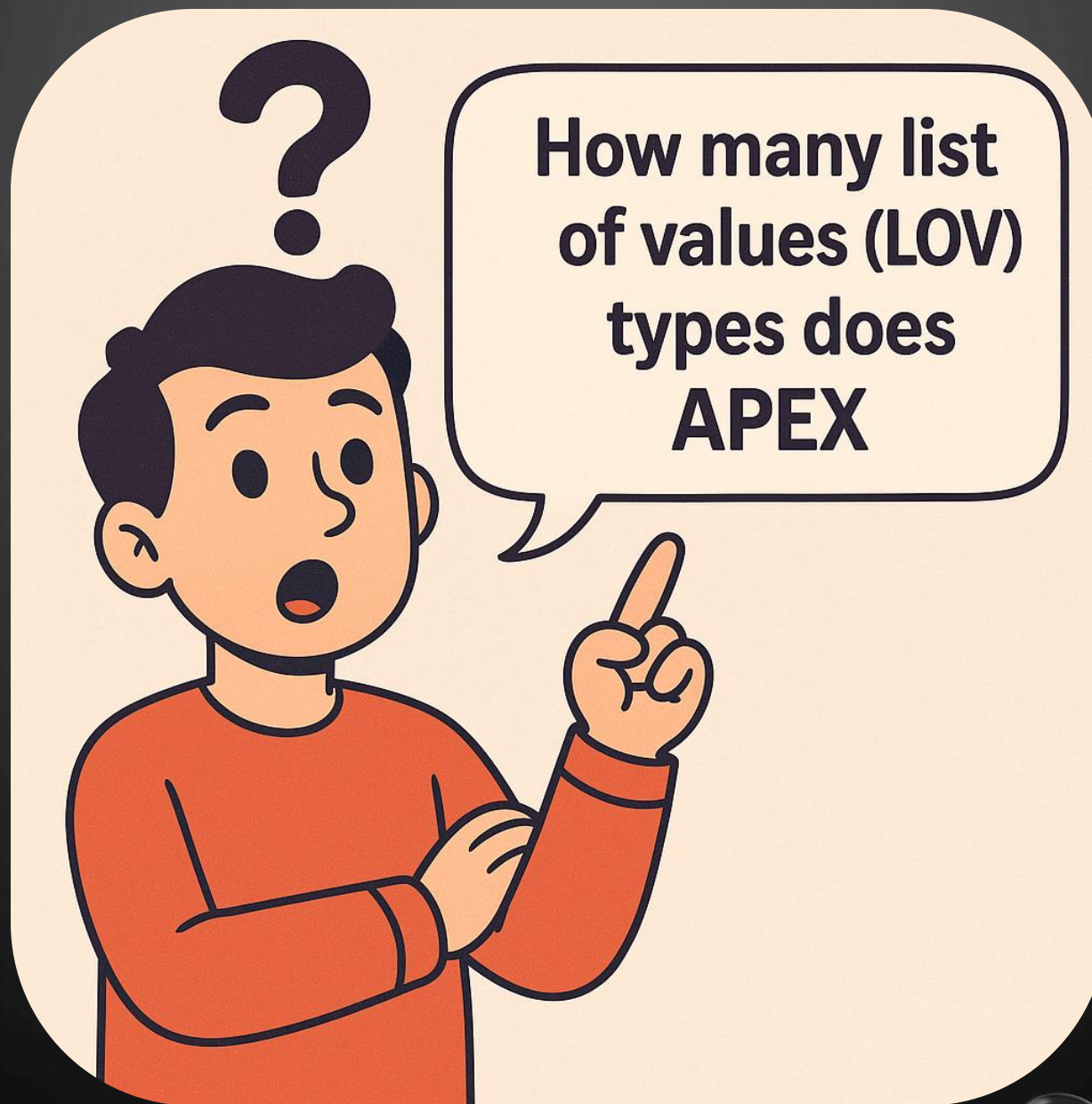


Consid-
erations



Questions







Why Use LOVs?

Built with LOV ❤️ Using APEX

WHY USE A LIST OF VALUES?



- Standardizes User Input
- Reduces Errors
- Improves Accessibility
- Simplifies User Experience
- Enhances Performance
- Supports Dynamic Business Logic
- Reduces Cognitive Load

LOV Types

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APEX LOV FEATURES

Item Type	All Values Visible	Select Multiple	Manual Entry	Search	Search as You Type	Match Options	Limit List Entries	Local Cache	Additional Outputs	Template Directives	Custom No Data Found
Checkbox Group	Yes	Yes	No	No	No	No	No	No	No	No	No
Color Picker	Yes	No	Yes	No	No	No	No	No	No	No	No
Combobox	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	No
Popup LOV	No	Yes	Yes	Yes	Yes	No	No	No	Yes	No	No
Radio Group	Yes	No	No	No	No	No	No	No	No	No	No
Select List	No	Yes	No	No	No	No	No	No	No	No	No
Select Many	No	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Select One	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Selectable template components	No	Yes	No	Yes	No	No	No	No	No	Yes	Yes
Shuttle	No	Yes	No	No	No	No	No	No	No	No	No
Switch	Yes	No	No	No	No	No	No	No	No	No	No
Star Rating	Yes	No	No	No	No	No	No	No	No	No	No
Text Field with autocomplete	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No

LOV Types

Demo

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LOV Sources

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LOV DATA SOURCES



- SQL Query (Tables, Views...)
- Function Returning SQL
- APEX REST Source
- Pipelined Table Function
- SQL Macro

LOV Sources

Demo

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Considerations

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HANDLING INACTIVE VALUES



- Add only active values
- View inactive values in existing records

APEX\$F1



- Reference to the current value of the LOV
- Not Documented

<https://apex.oracle.com/ideas/FR-2303>

PERFORMANCE CONSIDERATIONS



- Min Values to Type
- Max Values in List
- Caching (browser)
- Caching (REST source)
- Consider Future Growth

GENERAL CONSIDERATIONS



- Static LOVs
- Subscriptions
- Choose the right type
- Hands-on keyboard
- Lookup tables

ANY QUESTIONS?



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speaker evaluation form.