

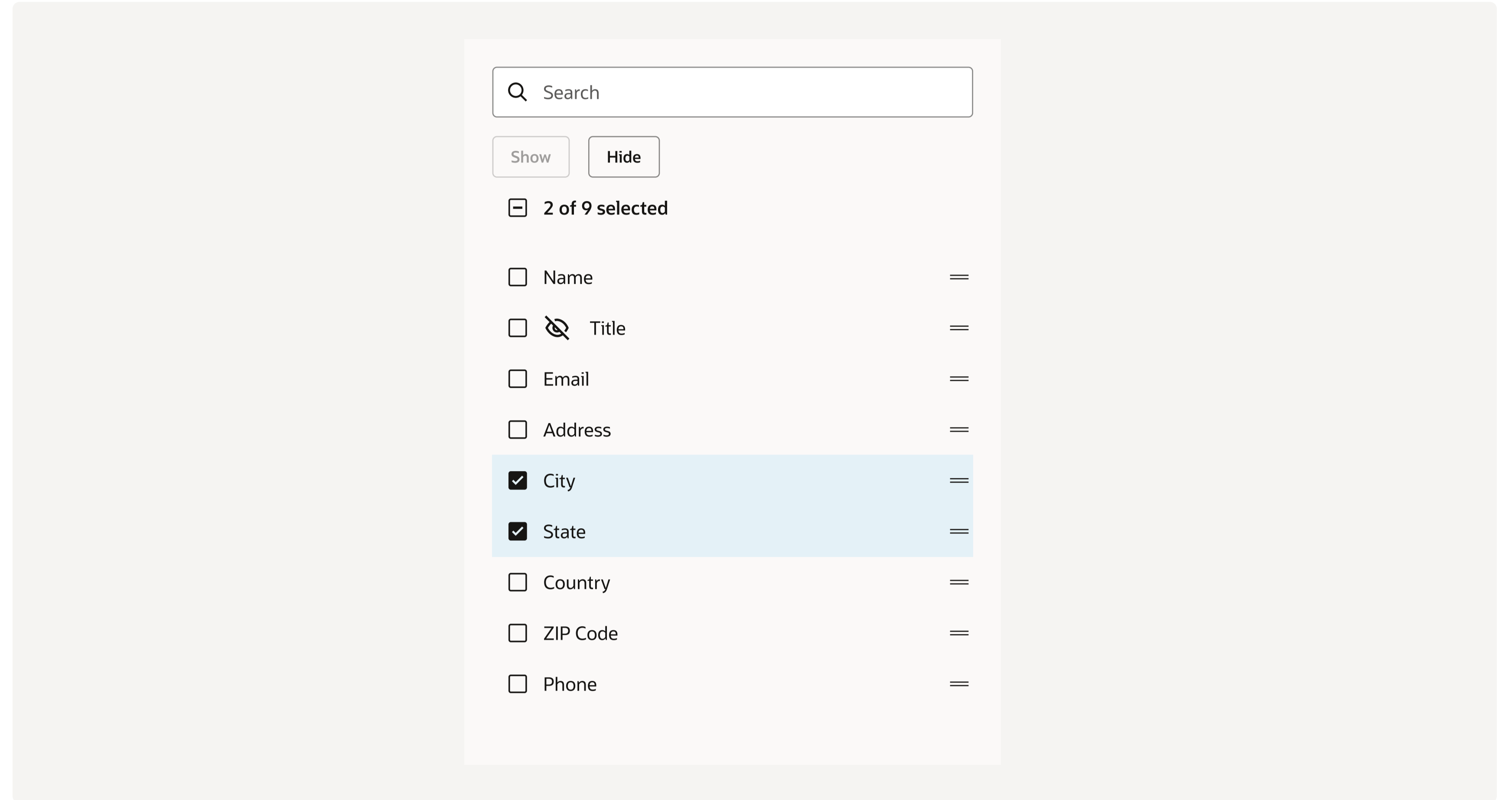


Columns Configuration Panel

oj-sp-columns-configuration-panel 240

Allows users to configure the columns of a data grid.

Types



No Column Groups
A data grid without column groups shows a list of columns that may be reordered or hidden.

Anatomy

Counter String

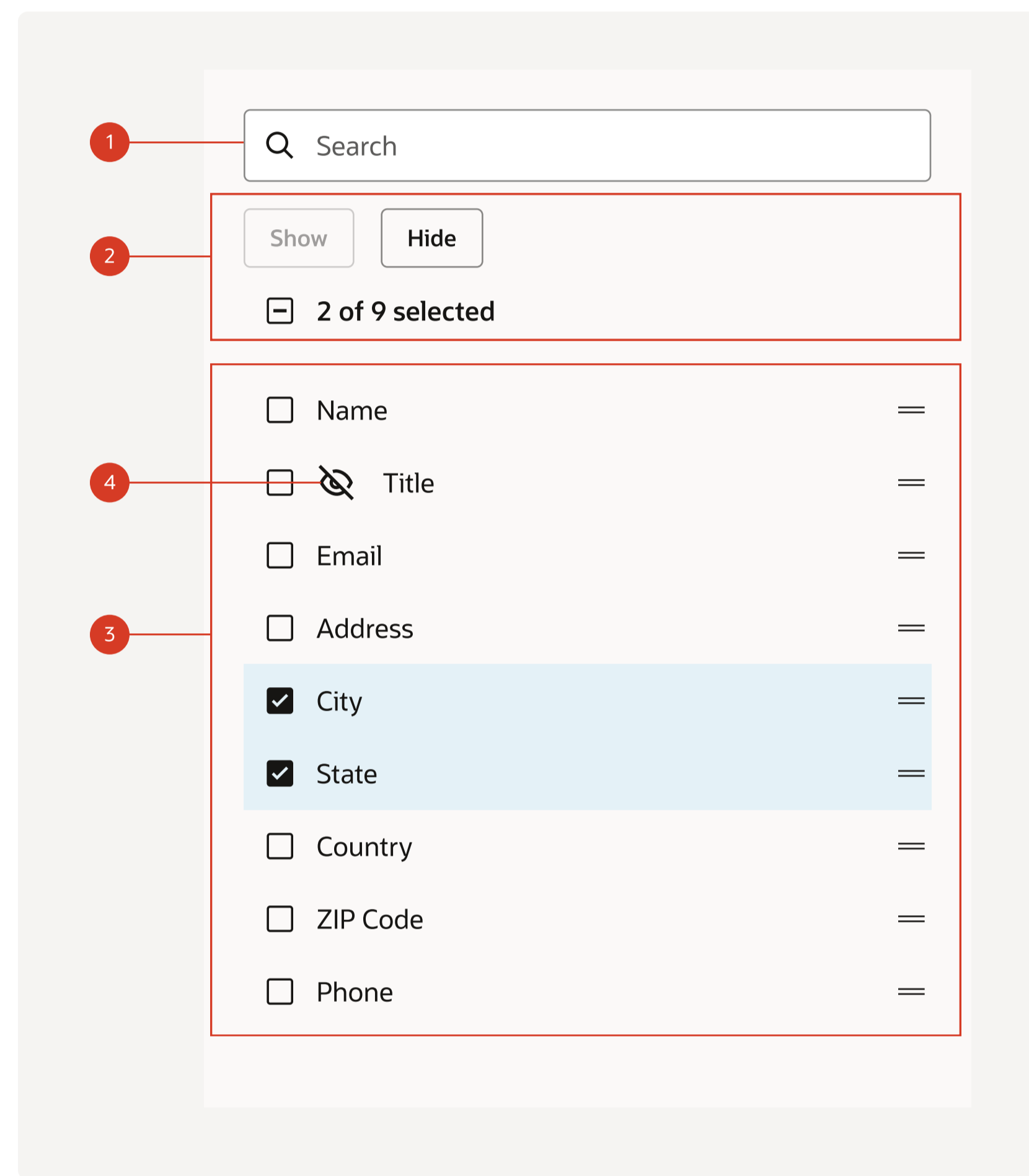
When no columns are selected, the counter string is "1 column"/"[n] columns". When one or more columns are selected, the counter string is "[x] of [y] selected".

Accessibility Tip

Aria label string for list view uses the drawer name or tab name for context so that the screen reader "Columns".

Empty State

When the user searches the column list and no matches are found, the selector and counter in the collection container hide. The empty state string is "No matches found." See the Empty State specification.



1. Search / oj-input-search

An Input Search which allows the user to filter the list of columns. Matches will show in bold. Hint text is "Search".

2. Toolbar / oj-toolbar, oj-c-button, oj-c-selector-all

A toolbar with a selection counter and two functional actions: Show and Hide.

3. List View / oj-list-view

A list view with list items supporting multiple selection and reorder. The primary text attribute of each list item matches the column header representing the list item. A leading icon is shown when columns are hidden. See the List View and List Item Layout specifications at redwood.oracle.com/components

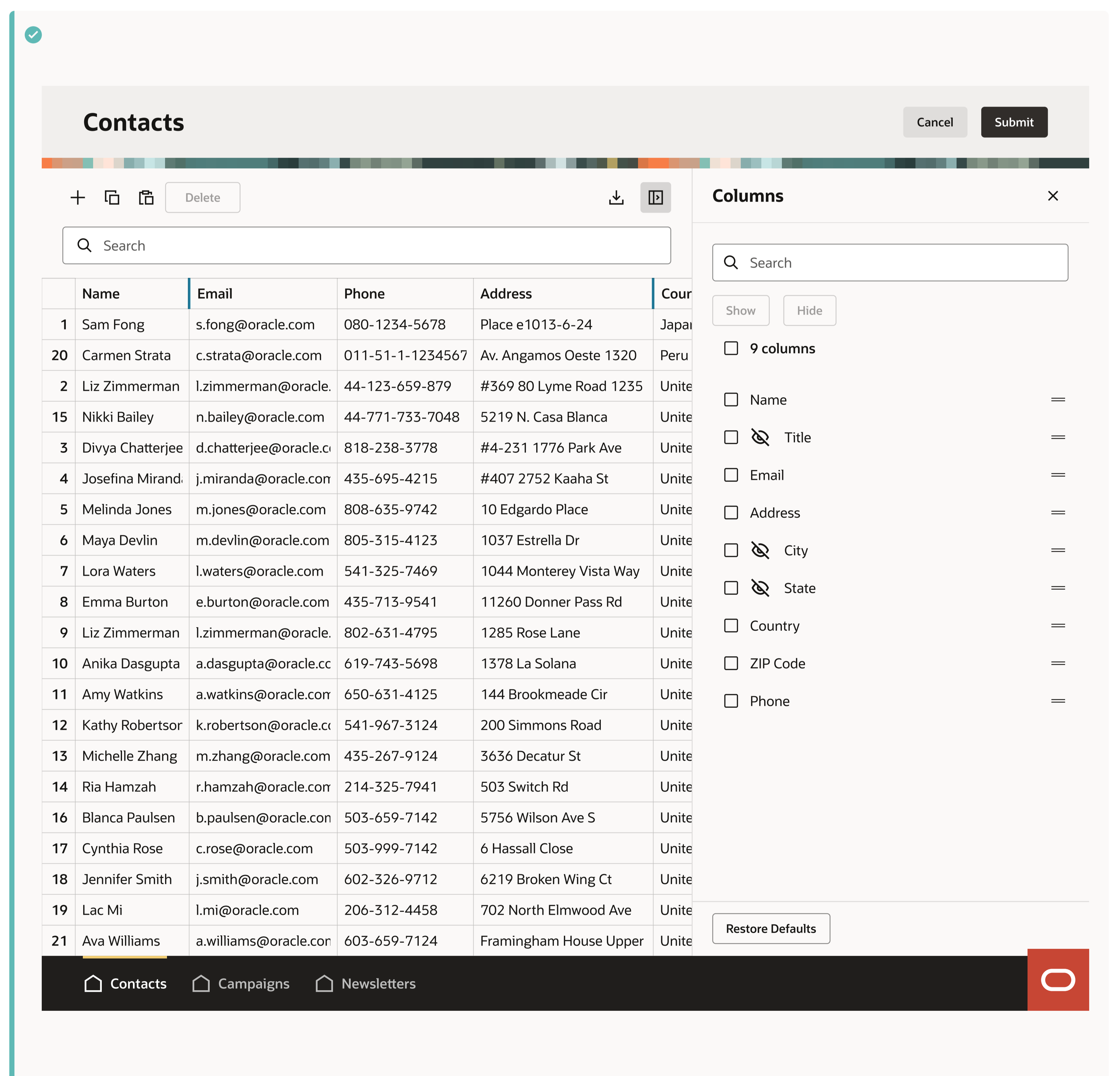
4. Hidden Column Indicator / view-hide.ico

Hidden columns are indicated by the icon 'view-hide' with the tooltip 'Hidden'.

Targets

See the Input Search, Button, List View and List Item Layout specifications at redwood.oracle.com/components.

Dos & Don'ts



Do use the columns panel within a configuration drawer to configure a data grid.
Using the columns panel within a configuration drawer allows the user to hide, show and reorder columns in the data grid to analyze the data.

Columns Configuration Panel

oj-sp-columns-configuration-panel 240

Allows users to configure the columns of a data grid.

Interactive States

See the Input Search, Button, List View and List Item Layout specifications at redwood.oracle.com/components.

Non-Interactive States

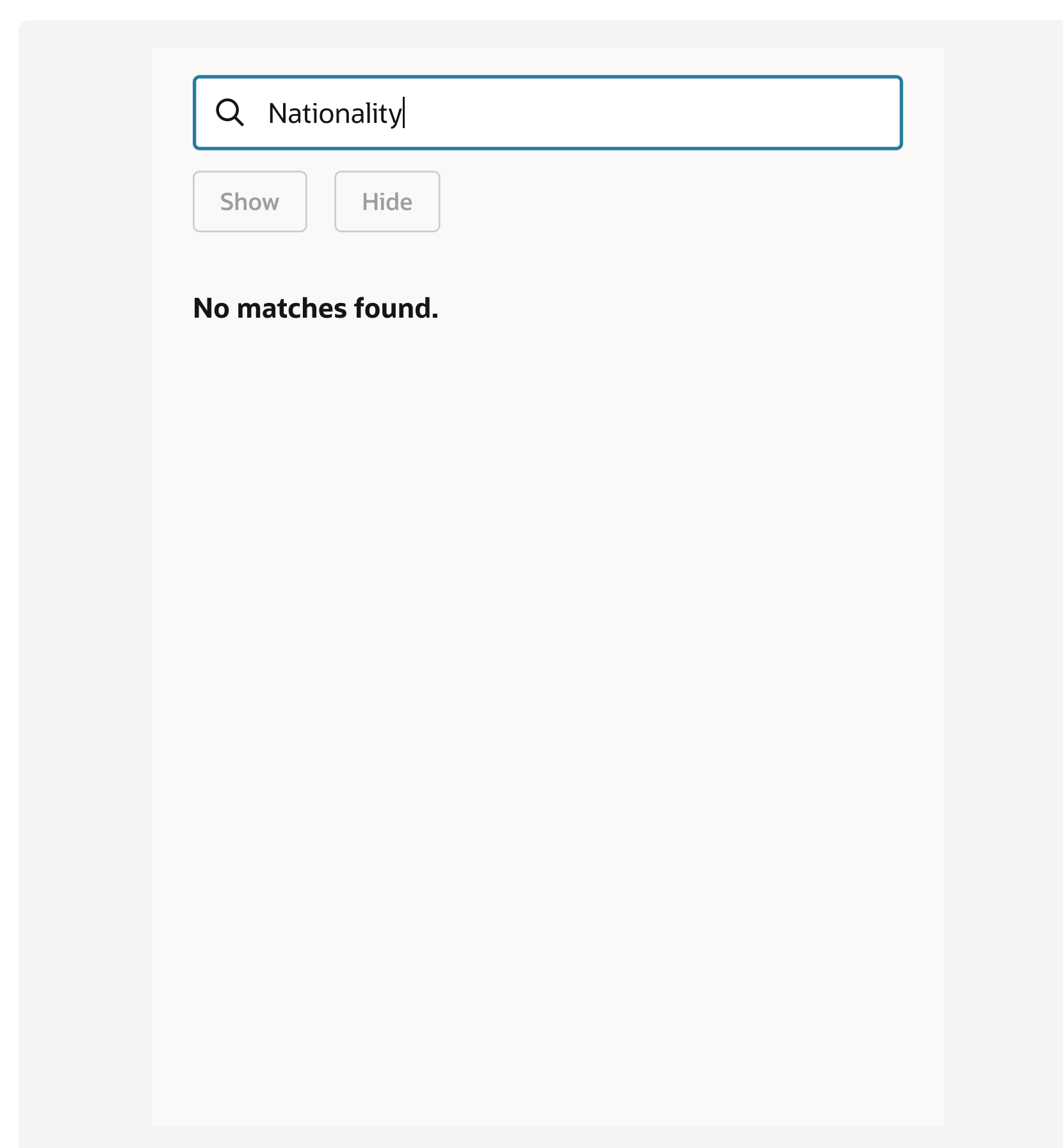
Loading

See the List View specification.

Progressive Loading

See the List View specification.

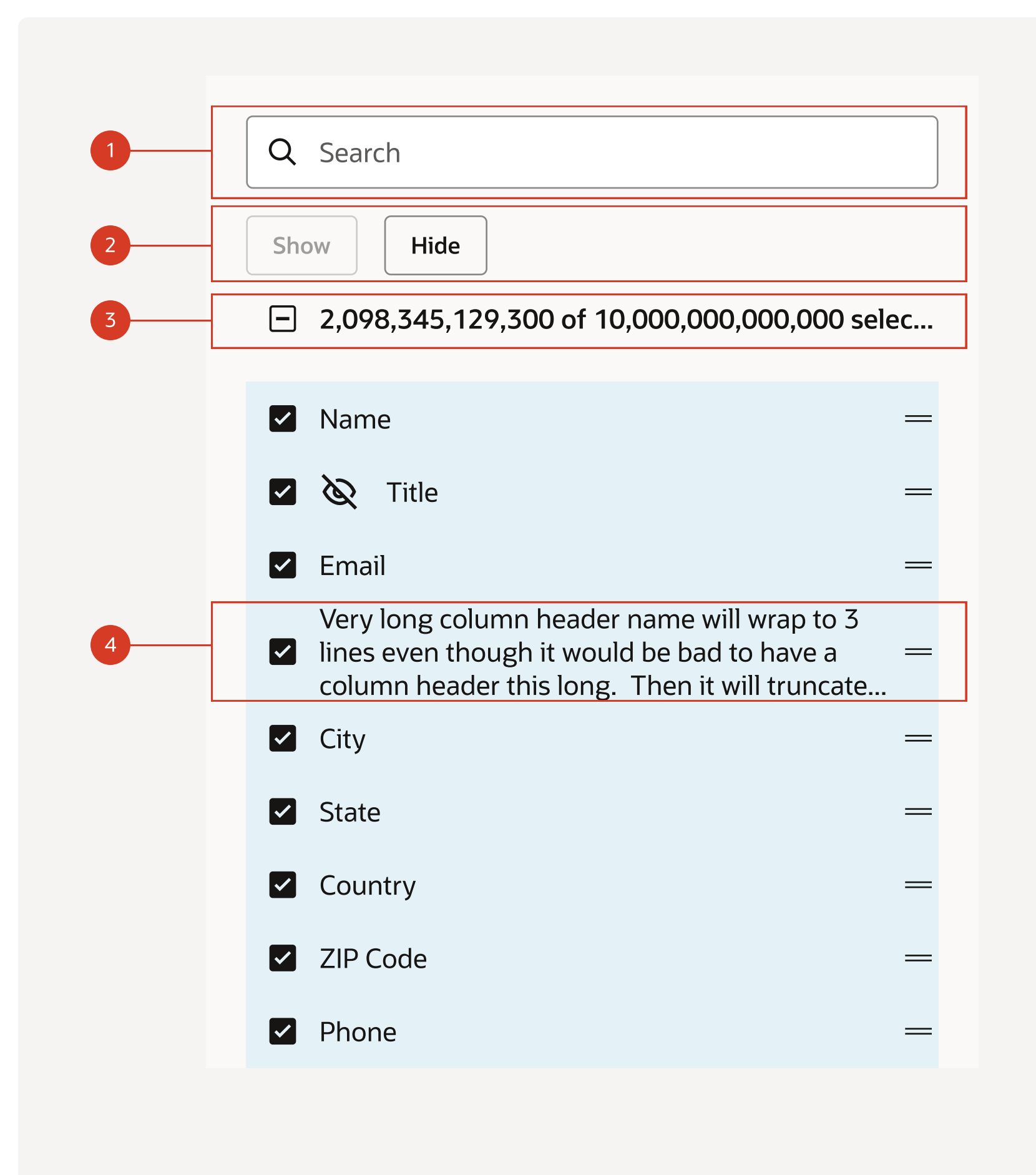
Empty State



When the user searches the column list and no matches are found, the selector and counter in the collection container hide. The empty state string is "No matches found." See the Empty State specification at redwood.oracle.com/components.

Strings Overflow and Internationalization

Strings Overflow Behavior



1. Input Search

See the Input Search specification for strings overflow behavior.

2. Toolbar

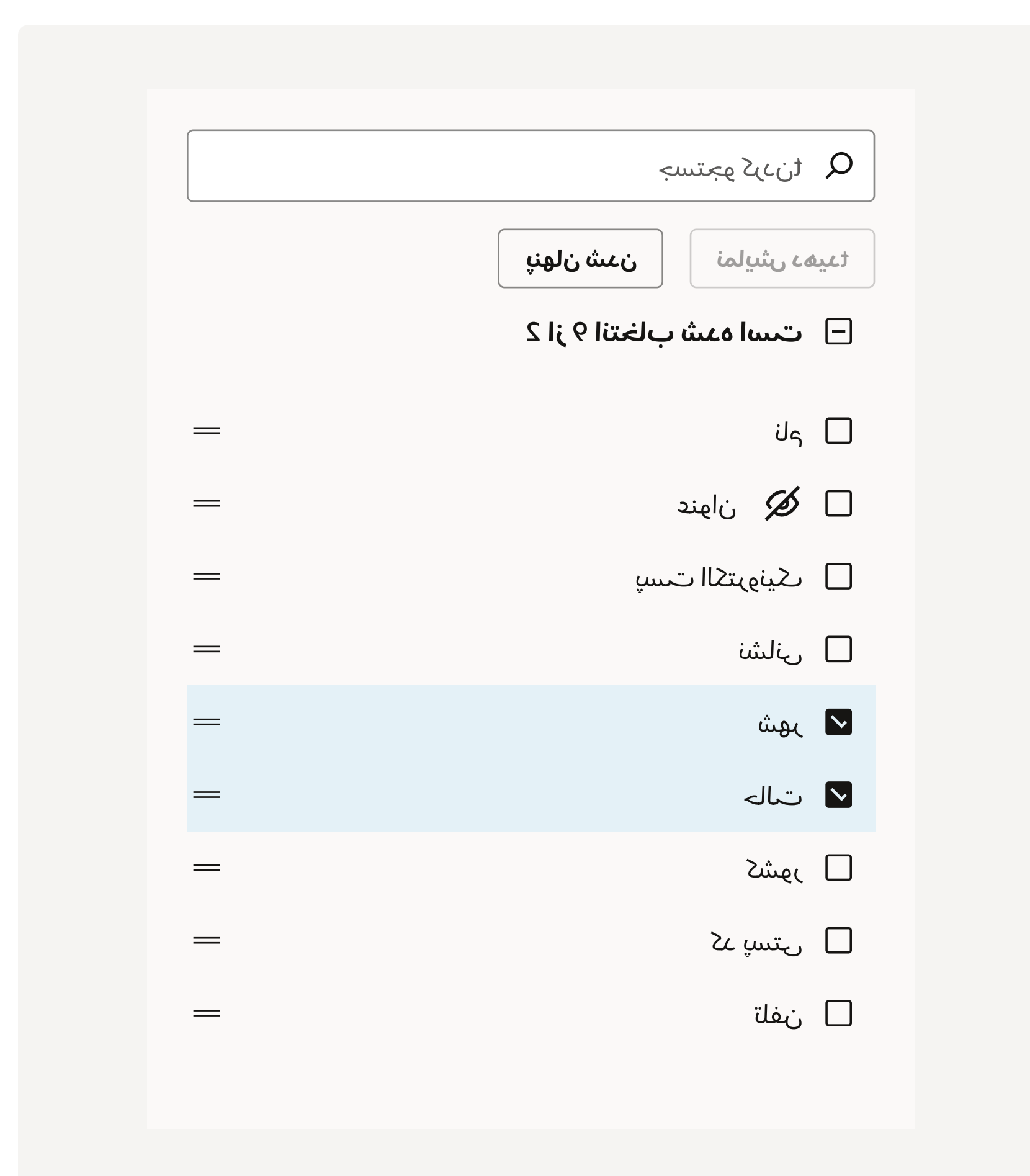
3. Selector String

If the selector string exceeds horizontal space available it will truncate.

4. List Item Layout Primary Text

If the list item layout primary text exceeds the horizontal space available, it will wrap to 3 lines and then truncate.

Internationalization



Bidirectional Languages

For bidirectional languages, columns panel displays mirrored.

Columns Configuration Panel

oj-sp-columns-configuration-panel 🔗

Allows users to configure the columns of a data grid.

Behavior

Columns Behaviors

The following behaviors are covered here:

- Search Columns
- Hide/Show Columns
- Reorder Columns

Search Columns

Contacts

Name	Email	Address	City	State
1 Sam Fong	s.fong@oracle.com	Place e1013-6-24	Minato-ku	Tokyo
20 Carmen Strata	c.strata@oracle.com	Av. Angamos Oeste 1320	Miraflores	Lima
2 Liz Zimmerman	l.zimmerman@oracle.com	#369 80 Lyme Road 1235	Moreton Pinkney	Northern
15 Nikki Bailey	n.bailey@oracle.com	5219 N. Casa Blanca	Byfield	Northern
3 Divya Chatterjee	d.chatterjee@oracle.com	#4-231 1776 Park Ave	Burbank	California
4 Josefina Miranda	j.miranda@oracle.com	#407 2752 Kaaha St	Park City	Utah
5 Melinda Jones	m.jones@oracle.com	10 Edgardo Place	Honolulu	Hawaii
6 Maya Devlin	m.devlin@oracle.com	1037 Estrella Dr	Santa Barbara	California
7 Lora Waters	l.waters@oracle.com	1044 Monterey Vista Way	Ashland	Oregon
8 Emma Burton	e.burton@oracle.com	11260 Donner Pass Rd	Park City	Utah
9 Liz Zimmerman	l.zimmerman@oracle.com	1285 Rose Lane	White River Junction	Vermont
10 Anika Dasgupta	a.dasgupta@oracle.com	1378 La Solana	San Diego	California
11 Amy Watkins	a.watkins@oracle.com	144 Brookmeade Cir	Palo Alto	California

Columns

Search: []

Show Hide

9 columns

- Name
- Title
- Email
- Address
- City
- State
- Country

Restore Defaults

Desktop

- Click the Input Search field.

Contacts

Name	Email	Address	City	State
1 Sam Fong	s.fong@oracle.com	Place e1013-6-24	Minato-ku	Tokyo
20 Carmen Strata	c.strata@oracle.com	Av. Angamos Oeste 1320	Miraflores	Lima
2 Liz Zimmerman	l.zimmerman@oracle.com	#369 80 Lyme Road 1235	Moreton Pinkney	Northern
15 Nikki Bailey	n.bailey@oracle.com	5219 N. Casa Blanca	Byfield	Northern
3 Divya Chatterjee	d.chatterjee@oracle.com	#4-231 1776 Park Ave	Burbank	California
4 Josefina Miranda	j.miranda@oracle.com	#407 2752 Kaaha St	Park City	Utah
5 Melinda Jones	m.jones@oracle.com	10 Edgardo Place	Honolulu	Hawaii
6 Maya Devlin	m.devlin@oracle.com	1037 Estrella Dr	Santa Barbara	California
7 Lora Waters	l.waters@oracle.com	1044 Monterey Vista Way	Ashland	Oregon
8 Emma Burton	e.burton@oracle.com	11260 Donner Pass Rd	Park City	Utah
9 Liz Zimmerman	l.zimmerman@oracle.com	1285 Rose Lane	White River Junction	Vermont
10 Anika Dasgupta	a.dasgupta@oracle.com	1378 La Solana	San Diego	California
11 Amy Watkins	a.watkins@oracle.com	144 Brookmeade Cir	Palo Alto	California

Columns

Search: Col

Show Hide

2 results

- Country
- ZIP Code

Restore Defaults

Desktop

- Type to start search the list of values.
- Matches appear bolded.
- Selection counter updates to "[n] results"

Contacts

Name	Email	Address	City	State
1 Sam Fong	s.fong@oracle.com	Place e1013-6-24	Minato-ku	Tokyo
20 Carmen Strata	c.strata@oracle.com	Av. Angamos Oeste 1320	Miraflores	Lima
2 Liz Zimmerman	l.zimmerman@oracle.com	#369 80 Lyme Road 1235	Moreton Pinkney	Northern
15 Nikki Bailey	n.bailey@oracle.com	5219 N. Casa Blanca	Byfield	Northern
3 Divya Chatterjee	d.chatterjee@oracle.com	#4-231 1776 Park Ave	Burbank	California
4 Josefina Miranda	j.miranda@oracle.com	#407 2752 Kaaha St	Park City	Utah
5 Melinda Jones	m.jones@oracle.com	10 Edgardo Place	Honolulu	Hawaii
6 Maya Devlin	m.devlin@oracle.com	1037 Estrella Dr	Santa Barbara	California
7 Lora Waters	l.waters@oracle.com	1044 Monterey Vista Way	Ashland	Oregon
8 Emma Burton	e.burton@oracle.com	11260 Donner Pass Rd	Park City	Utah
9 Liz Zimmerman	l.zimmerman@oracle.com	1285 Rose Lane	White River Junction	Vermont
10 Anika Dasgupta	a.dasgupta@oracle.com	1378 La Solana	San Diego	California
11 Amy Watkins	a.watkins@oracle.com	144 Brookmeade Cir	Palo Alto	California

Columns

Search: Country

Show Hide

No matches found.

Restore Defaults

Desktop

- If there are no matches, show the Empty State.

Hide & Show Columns

Contacts

Name	Email	Address	City	State
1 Sam Fong	s.fong@oracle.com	Place e1013-6-24	Minato-ku	Tokyo
20 Carmen Strata	c.strata@oracle.com	Av. Angamos Oeste 1320	Miraflores	Lima
2 Liz Zimmerman	l.zimmerman@oracle.com	#369 80 Lyme Road 1235	Moreton Pinkney	Northern
15 Nikki Bailey	n.bailey@oracle.com	5219 N. Casa Blanca	Byfield	Northern
3 Divya Chatterjee	d.chatterjee@oracle.com	#4-231 1776 Park Ave	Burbank	California
4 Josefina Miranda	j.miranda@oracle.com	#407 2752 Kaaha St	Park City	Utah
5 Melinda Jones	m.jones@oracle.com	10 Edgardo Place	Honolulu	Hawaii
6 Maya Devlin	m.devlin@oracle.com	1037 Estrella Dr	Santa Barbara	California
7 Lora Waters	l.waters@oracle.com	1044 Monterey Vista Way	Ashland	Oregon
8 Emma Burton	e.burton@oracle.com	11260 Donner Pass Rd	Park City	Utah
9 Liz Zimmerman	l.zimmerman@oracle.com	1285 Rose Lane	White River Junction	Vermont
10 Anika Dasgupta	a.dasgupta@oracle.com	1378 La Solana	San Diego	California
11 Amy Watkins	a.watkins@oracle.com	144 Brookmeade Cir	Palo Alto	California

Columns

Search: []

Show Hide

2 of 9 selected

- Name
- Title
- Email
- Address
- City
- State
- Country

Restore Defaults

Desktop

- Select columns from the list of values. Counter updates to show "[x] of [y] selected"
- Buttons in the toolbar update based on user selection. If hidden columns are selected, the "Show" button enables; if shown columns are selected, the "Hide" button enables. If a mix of both hidden and shown columns are selected, both buttons are enabled.
- Click a toolbar button to show or hide selected columns.

Contacts

Name	Email	Address	Country	ZIP Code
1 Sam Fong	s.fong@oracle.com	Place e1013-6-24	Japan	106-0046
20 Carmen Strata	c.strata@oracle.com	Av. Angamos Oeste 1320	Peru	15
2 Liz Zimmerman	l.zimmerman@oracle.com	#369 80 Lyme Road 1235	United Kingdom	NN11 3G5
15 Nikki Bailey	n.bailey@oracle.com	5219 N. Casa Blanca	United Kingdom	NN11 3G5
3 Divya Chatterjee	d.chatterjee@oracle.com	#4-231 1776 Park Ave	United States	91505
4 Josefina Miranda	j.miranda@oracle.com	#407 2752 Kaaha St	United States	84006
5 Melinda Jones	m.jones@oracle.com	10 Edgardo Place	United States	96826
6 Maya Devlin	m.devlin@oracle.com	1037 Estrella Dr	United States	93110
7 Lora Waters	l.waters@oracle.com	1044 Monterey Vista Way	United States	97520
8 Emma Burton	e.burton@oracle.com	11260 Donner Pass Rd	United States	84006
9 Liz Zimmerman	l.zimmerman@oracle.com	1285 Rose Lane	United States	05001
10 Anika Dasgupta	a.dasgupta@oracle.com	1378 La Solana	United States	92121
11 Amy Watkins	a.watkins@oracle.com	144 Brookmeade Cir	United States	94302

Columns

Search: []

Show Hide

2 of 9 selected

- Name
- Title
- Email
- Address
- City
- State
- Country

Restore Defaults

Desktop

- Data grid updates to reflect hidden columns. See the Data Grid specification for details.
- Newly hidden columns show hidden column indicator as a leading icon.
- Toolbar buttons state updates to reflect the available actions of the selected columns.

Reorder Columns

Contacts

Name	Email	Address	City	State
1 Sam Fong	s.fong@oracle.com	Place e1013-6-24	Minato-ku	Tokyo
20 Carmen Strata	c.strata@oracle.com	Av. Angamos Oeste 1320	Miraflores	Lima
2 Liz Zimmerman	l.zimmerman@oracle.com	#369 80 Lyme Road 1235	Moreton Pinkney	Northern
15 Nikki Bailey	n.bailey@oracle.com	5219 N. Casa Blanca	Byfield	Northern
3 Divya Chatterjee	d.chatterjee@oracle.com	#4-231 1776 Park Ave	Burbank	California
4 Josefina Miranda	j.miranda@oracle.com	#407 2752 Kaaha St	Park City	Utah
5 Melinda Jones	m.jones@oracle.com	10 Edgardo Place	Honolulu	Hawaii
6 Maya Devlin	m.devlin@oracle.com	1037 Estrella Dr	Santa Barbara	California
7 Lora Waters	l.waters@oracle.com	1044 Monterey Vista Way	Ashland	Oregon
8 Emma Burton	e.burton@oracle.com	11260 Donner Pass Rd	Park City	Utah
9 Liz Zimmerman	l.zimmerman@oracle.com	1285 Rose Lane	White River Junction	Vermont
10 Anika Dasgupta	a.dasgupta@oracle.com	1378 La Solana	San Diego	California
11 Amy Watkins	a.watkins@oracle.com	144 Brookmeade Cir	Palo Alto	California

Columns

Search: []

Show Hide

9 columns

- Name
- Title
- Email
- Address
- City
- State
- Country

Restore Defaults

Desktop

- Mouse over grab handle of column to reorder; cursor changes to grab.

Contacts

Name	Email	Address	City	State
1 Sam Fong	s.fong@oracle.com	Place e1013-6-24	Minato-ku	Tokyo
20 Carmen Strata	c.strata@oracle.com	Av. Angamos Oeste 1320	Miraflores	Lima
2 Liz Zimmerman	l.zimmerman@oracle.com	#369 80 Lyme Road 1235	Moreton Pinkney	Northern
15 Nikki Bailey	n.bailey@oracle.com	5219 N. Casa Blanca	Byfield	Northern
3 Divya Chatterjee	d.chatterjee@oracle.com	#4-231 1776 Park Ave	Burbank	California
4 Josefina Miranda	j.miranda@oracle.com	#407 2752 Kaaha St	Park City	Utah
5 Melinda Jones	m.jones@oracle.com	10 Edgardo Place	Honolulu	Hawaii
6 Maya Devlin	m.devlin@oracle.com	1037 Estrella Dr	Santa Barbara	California
7 Lora Waters	l.waters@oracle.com	1044 Monterey Vista Way	Ashland	Oregon
8 Emma Burton	e.burton@oracle.com	11260 Donner Pass Rd	Park City	Utah
9 Liz Zimmerman	l.zimmerman@oracle.com	1285 Rose Lane	White River Junction	Vermont
10 Anika Dasgupta	a.dasgupta@oracle.com	1378 La Solana	San Diego	California
11 Amy Watkins	a.watkins@oracle.com	144 Brookmeade Cir	Palo Alto	California

Columns

Search: []

Show Hide

9 columns

- Name
- Title
- Country
- Email
- City
- State
- Country

Restore Defaults

Desktop

- Drag and drop the column to reorder. See the List View specification for details.

Contacts

Name	Country	Email	Address	City
1 Sam Fong	Japan	s.fong@oracle.com	Place e1013-6-24	Minato-ku
20 Carmen Strata	Peru	c.strata@oracle.com	Av. Angamos Oeste 1320	Miraflores
2 Liz Zimmerman	United Kingdom	l.zimmerman@oracle.com	#369 80 Lyme Road 1235	Moreton Pinkney
15 Nikki Bailey	United Kingdom	n.bailey@oracle.com	5219 N. Casa Blanca	Byfield
3 Divya Chatterjee	United States	d.chatterjee@oracle.com	#4-231 1776 Park Ave	Burbank
4 Josefina Miranda	United States	j.miranda@oracle.com	#407 2752 Kaaha St	Park City
5 Melinda Jones	United States	m.jones@oracle.com	10 Edgardo Place	Honolulu
6 Maya Devlin	United States	m.devlin@oracle.com	1037 Estrella Dr	Santa Barbara
7 Lora Waters	United States	l.waters@oracle.com	1044 Monterey Vista Way	Ashland
8 Emma Burton	United States	e.burton@oracle.com	11260 Donner Pass Rd	Park City
9 Liz Zimmerman	United States	l.zimmerman@oracle.com	1285 Rose Lane	White River Junction
10 Anika Dasgupta	United States	a.dasgupta@oracle.com	1378 La Solana	San Diego
11 Amy Watkins	United States	a.watkins@oracle.com	144 Brookmeade Cir	Palo Alto

Columns

Search: []

Show Hide

9 columns

- Name
- Title
- Country
- Email
- Address
- City
- State

Restore Defaults

Desktop

- Drop the column in the desired order shown in the list view. Data grid updates to reflect new column order.

Reordering a Hidden Column

If the user reorders a hidden column, the blue hidden column indicator will move to a new position in the data grid, reflecting the column's new order.

Scrolling Behavior

Columns Configuration Panel

oj-sp-columns-configuration-panel 24D

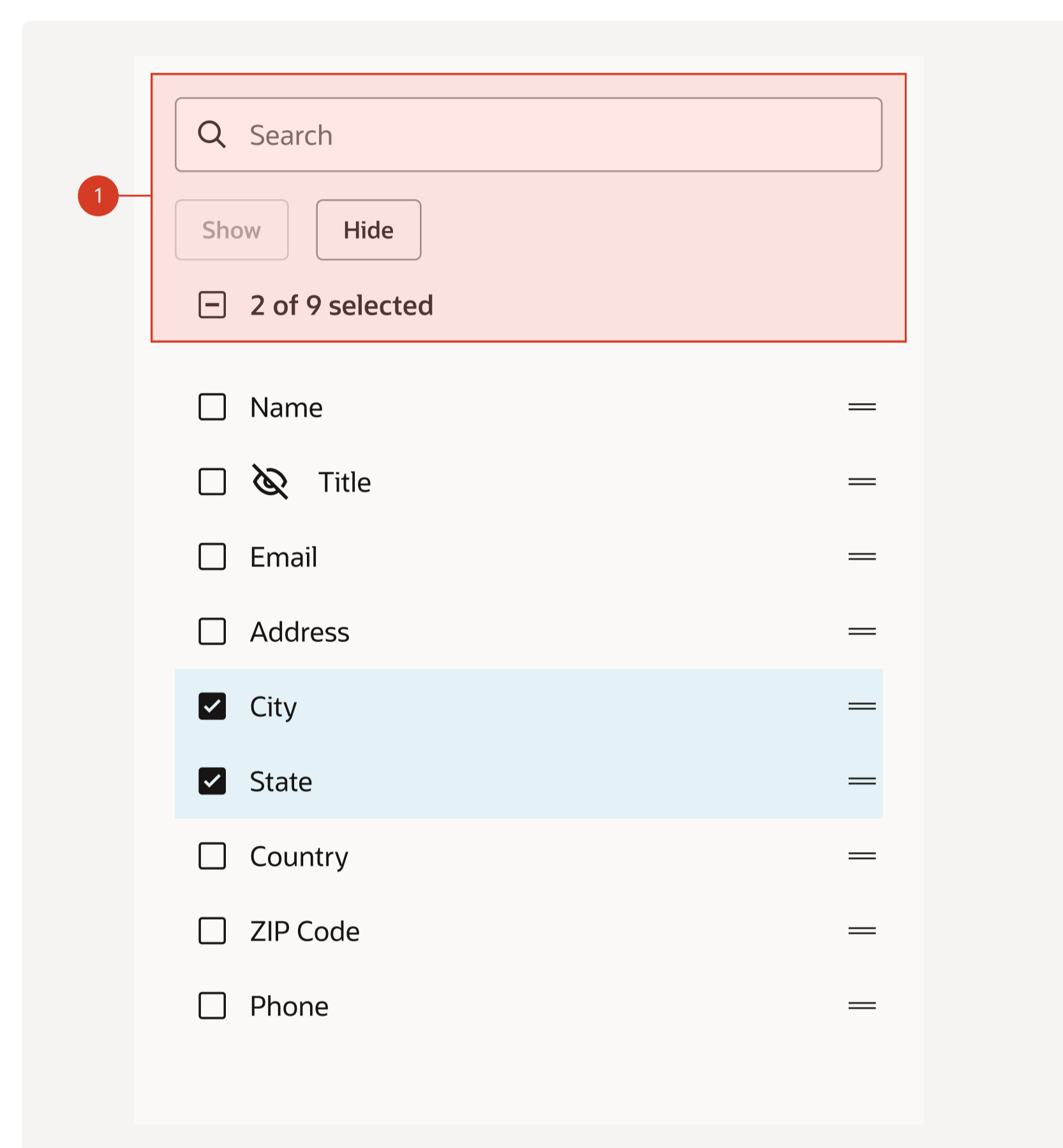
Allows users to configure the columns of a data grid.

Scrolling

Auto-Scroll

When reordering a list item, if the user drags the list item toward the bottom of the viewport, the region will automatically scroll to allow the user to reorder the list item to a location outside the viewport.

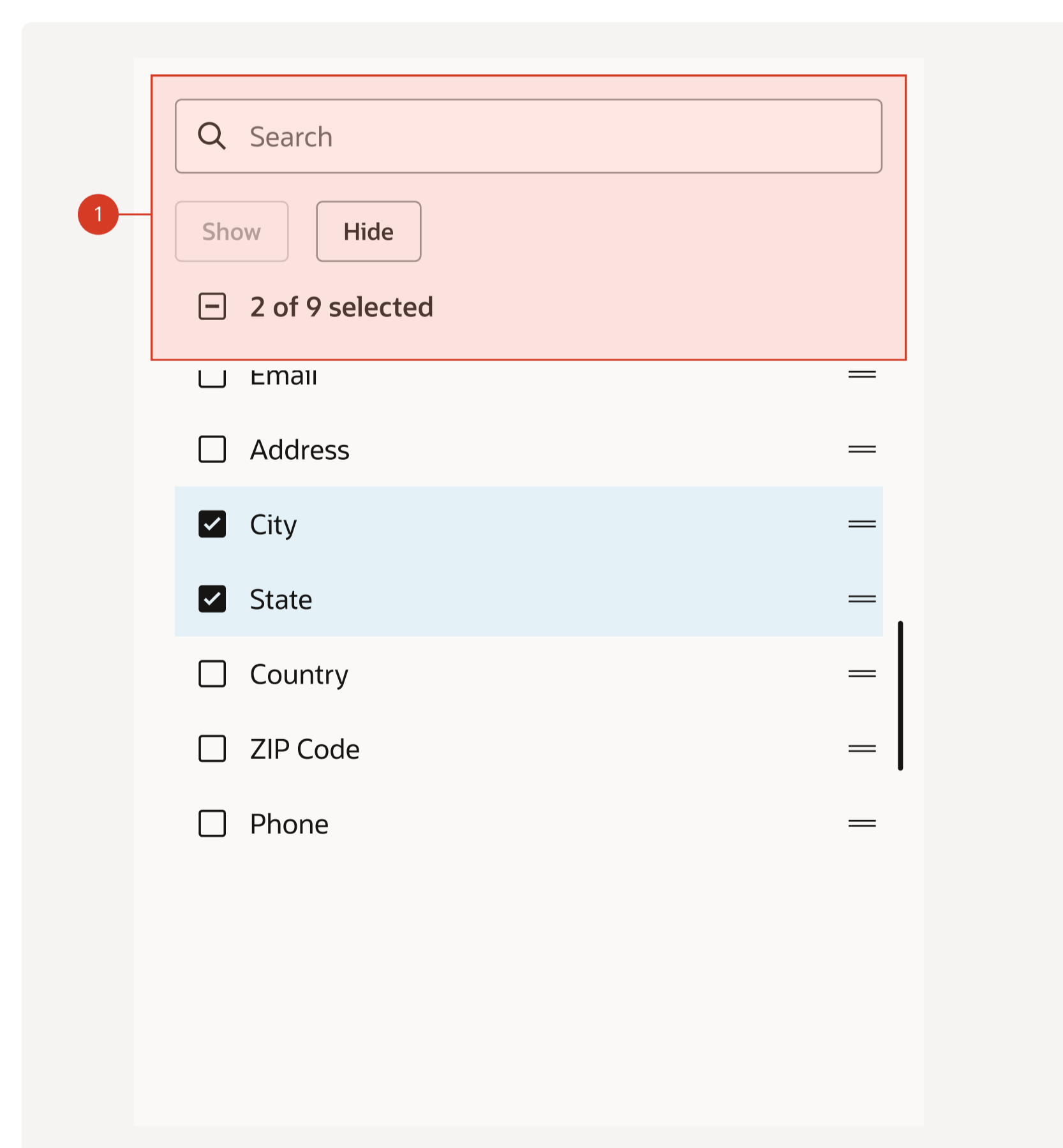
Default



1. Sticky Input Search, Toolbar, Selection Counter

If the list items within the List View exceed the vertical space of the viewport, a vertical scrollbar will appear. The Input Search, Toolbar and Selection Counter will stick to the top of the viewport while the user scrolls.

Scroll



Phone

Same as desktop.

Columns Configuration Panel

oj-sp-columns-configuration-panel 24D

Allows users to configure the columns of a data grid.

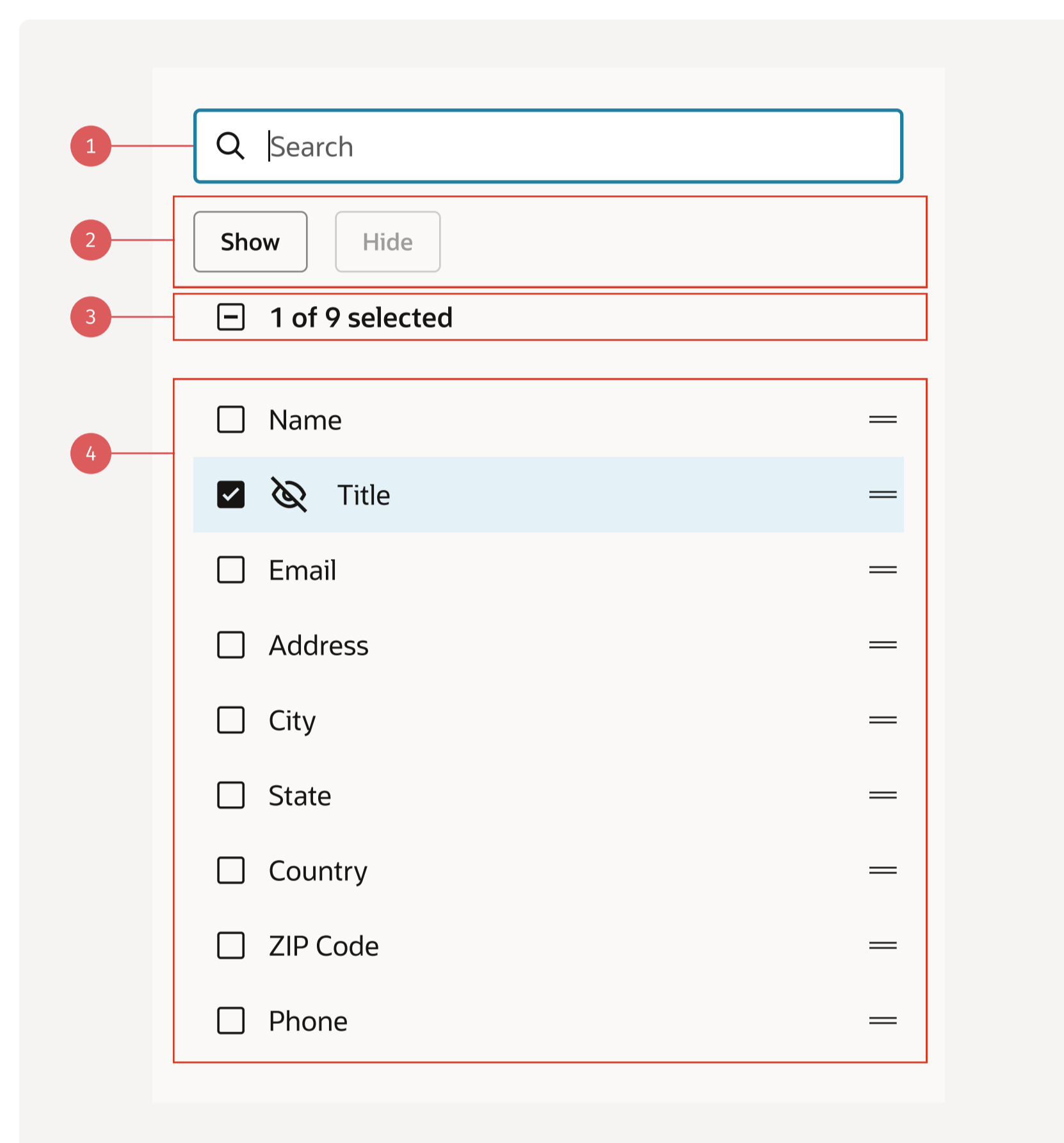
Accessibility Notes

This section is meant to ensure that designs are created while taking accessibility into account so that the component works well for people with a diverse range of hearing, movement, sight, and cognitive ability.

Additional links:

Review the A11y checklist and the WCAG standards for more guidance on accessibility for your component.

Considerations



To ensure screen readers are aware of the different sections of the Columns Panel, it's important to add aria-labels to announce each region.

1. Input Search

- Role = "Search"
- aria-label = "Search Columns"
- See the Input Search specifications.

2. Toolbar

- Role = "Toolbar"
- aria-label = "Actions"
- See the Toolbar specification.

3. Selection Counter

- Role = "Checkbox"
- aria-label="Select All"
- aria-describedby={id of # selected text}
- The screen reader should read out the state of the checkbox (aria-checked = true, false, mixed) and the selection counter string, e.g."Select All checkbox, mixed. 1 of 9 selected"

4. List View

- Role = "Grid"
- aria-label = "Columns"
- See the List View specification.

5. List Item

- aria-label = {column name}
 - Selector: aria-label = {column name}
 - Leading icon: aria-label = "Hidden"
 - Reorder Action: aria-label = "Drag to reorder"
- See the List Item Layout specifications.

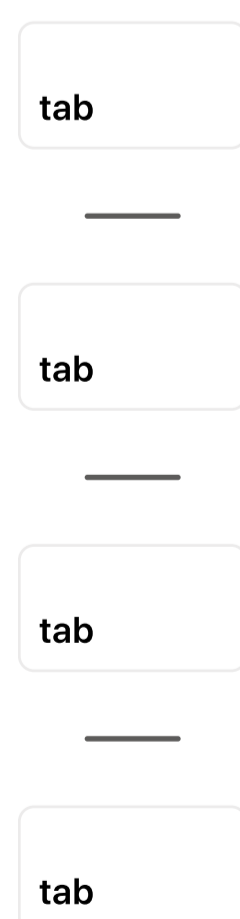
Keyboard Interface

Key mapping

CTRL = CMD (CMD on Mac, CTRL on Windows)

ALT = OPTION (OPTION on Mac, ALT on Windows)

Keys	Action	Example
------	--------	---------



1. Tab puts focus in the Input Search. See the Input Search specification for keyboarding specific to the Input Search component.
2. Tab puts focus on the toolbar. See the Toolbar specification for keyboarding specific to the Toolbar component.
3. Tab puts focus on the selector within selection counter.
4. Tab puts focus on the List View. See the List View and List Item Layout specifications for keyboarding specific to those components.

