Popup

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Thecomponent provides a highly flexible floating container for displaying contextual content such as tooltips, menus, dropdowns, or custom overlays. It supports multiple trigger types, advanced positioning, animation, and full accessibility compliance. Use it to create interactive overlays that appear on click, hover, focus, or programmatically.

```
<ava-popup>
```

How to use

```
import { PopupComponent } from "@aava/play-core";
```

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import { PopupComponent } from "@aava/play-core";
```

Basic Usage

A simple popup triggered by a button click, displaying custom content.

```
// app.component.html<button aava-button (click)="isOpen = !isOpen">Toggle Popup</button><aava-popup
[isOpen]="isOpen" (closed)="isOpen = false">  <div style="padding: 1rem;">Hello from Popup!</div></aava-popup>
```

```
// app.component.html<button aava-button (click)="isOpen = !isOpen">Toggle Popup</button><aava-popup
[isOpen]="isOpen" (closed)="isOpen = false">  <div style="padding: 1rem;">Hello from Popup!</div></aava-popup>
```

Positioning

Popup supports multiple placement options relative to the trigger element:

• Top

• Bottom

• Left

• Right

• Auto (smart positioning)

```
// app.component.html<button aava-button>Top</button><aava-popup placement="top">  <div style="padding: 1rem;">Top
Placement</div></aava-popup><button aava-button>Bottom</button><aava-popup placement="bottom">  <div
style="padding: 1rem;">Bottom Placement</div></aava-popup><button aava-button>Left</button><aava-popup
placement="left">  <div style="padding: 1rem;">Left Placement</div></aava-popup><button aava-button>Right</button>
<aava-popup placement="right">  <div style="padding: 1rem;">Right Placement</div></aava-popup><button aava-
button>Auto</button><aava-popup placement="auto">  <div style="padding: 1rem;">Auto Placement</div></aava-popup>
```

```
// app.component.html<button aava-button>Top</button><aava-popup placement="top">  <div style="padding: 1rem;">Top
Placement</div></aava-popup><button aava-button>Bottom</button><aava-popup placement="bottom">  <div
style="padding: 1rem;">Bottom Placement</div></aava-popup><button aava-button>Left</button><aava-popup
placement="left">  <div style="padding: 1rem;">Left Placement</div></aava-popup><button aava-button>Right</button>
<aava-popup placement="right">  <div style="padding: 1rem;">Right Placement</div></aava-popup><button aava-
button>Auto</button><aava-popup placement="auto">  <div style="padding: 1rem;">Auto Placement</div></aava-popup>
```

Custom Content

Render any custom content inside the popup, including forms, lists, or interactive elements.

```
// app.component.html<button aava-button>Show Custom Content</button><aava-popup>  <form style="padding: 1rem;">
<label>Name: <input type="text" /></label><br />    <button type="submit" aava-button>Submit</button>  </form>
```

```
</aava-popup>
```

```
// app.component.html<button aava-button>Show Custom Content</button><aava-popup>  <form style="padding: 1rem;">
<label>Name: <input type="text" /></label><br />    <button type="submit" aava-button>Submit</button>  </form>
</aava-popup>
```

Accessibility

Popup is fully accessible:

- Keyboard navigation

- ARIA roles and attributes

- Focus management

- Dismiss on Escape

API Reference

Inputs

```
Property | Type | Default | Description
isOpen | boolean | false | Whether the popup is open
trigger | 'click' | 'hover' | 'focus' | 'manual' | 'click' | Trigger type for showing the popup
placement | 'top' | 'bottom' | 'left' | 'right' | 'auto' | 'bottom' | Popup placement relative to trigger
offset | number | 8 | Offset distance from trigger (px)
closeOnClickOutside | boolean | true | Close popup when clicking outside
closeOnEscape | boolean | true | Close popup on Escape key
disabled | boolean | false | Disable the popup
backdrop | boolean | false | Show a backdrop behind the popup
zIndex | number | 1000 | z-index for popup layering
animation | 'fade' | 'scale' | 'none' | 'fade' | Animation style for popup
containerClass | string | '' | Custom CSS class for popup container
containerStyle | Record | {} | Custom styles for popup container
```

```
isOpen
```

```
boolean
```

```
false
```

```
trigger
```

```
'click' | 'hover' | 'focus' | 'manual'
```

```
'click'
```

```
placement
```

```
'top' | 'bottom' | 'left' | 'right' | 'auto'
```

```
'bottom'
```

```
offset
```

```
number
```

```
8
```

```
closeOnClickOutside
```

boolean

true

closeOnEscape

boolean

true

disabled

boolean

false

backdrop

boolean

false

zIndex

number

1000

animation

'fade' | 'scale' | 'none'

'fade'

containerClass

string

''

containerStyle

Record<string, string>

{}

Outputs

```
Event | Type | Description
opened | EventEmitter | Emitted when popup is opened
closed | EventEmitter | Emitted when popup is closed
positioned | EventEmitter | Emitted when popup is positioned
```

opened

EventEmitter<void>

closed

EventEmitter<void>

positioned

EventEmitter<string>

Methods

```
Method | Parameters | Description
open() | void | Open the popup programmatically
close() | void | Close the popup programmatically
toggle() | void | Toggle popup open/close state
reposition() | void | Recalculate popup position
```

open()

void

close()

void

toggle()

void

reposition()

void

CSS Custom Properties

```
Property | Description
--popup-background | Background color of the popup
--popup-border-radius | Border radius of the popup
--popup-box-shadow | Box shadow for the popup
--popup-z-index | z-index for popup layering
--popup-animation-duration | Duration of the popup animation
--popup-arrow-size | Size of the popup arrow (if present)
--popup-arrow-color | Color of the popup arrow
--popup-backdrop-background | Background color for the backdrop
```

--popup-background

--popup-border-radius

--popup-box-shadow

--popup-z-index

--popup-animation-duration

```
--popup-arrow-size
```

```
--popup-arrow-color
```

```
--popup-backdrop-background
```

Accessibility Guidelines

- Keyboard Navigation: Tab, Shift+Tab, Escape to close
- ARIA Roles:role="dialog"orrole="tooltip"as appropriate
- Focus Management: Focus is trapped within popup when open
- Dismissal: Popup closes on Escape or outside click
- Screen Reader Support: Popup content is announced

```
role="dialog"
```

```
role="tooltip"
```

Best Practices

- Use the appropriate trigger for your use case (click for menus, hover for tooltips)
- Always provide accessible labels and ARIA attributes
- Avoid using popups for critical information that must not be missed
- Test keyboard and screen reader interactions
- Use smart positioning to avoid clipping or overflow
- Keep popup content concise and focused