

Header

<https://playdocs1.orangeriver-ad055946.westus2.azurecontainerapps.io/play-docs/docs/ui-components/Layout/Header>

Header

The Header component is a flexible, responsive layout component designed to create consistent application headers and navigation bars. It features a three-column layout system with content projection, multiple theme variants, and intelligent responsive behavior that adapts to different screen sizes.

The component provides a structured approach to building headers with left, center, and right content sections, making it ideal for logos, navigation menus, search bars, user actions, and other header elements.

```
<aava-header>
```

How to use

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

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```

Basic Usage

Simple header with logo, navigation, and user actions.

```
<aava-header containerClass=""> <div left-content class="header_left"> <div class="logo"> <aava-tabs [tabs]="iconsTabs" [activeTabId]="activeTabId" variant="default" size="sm" [showContentPanels]=false (tabChange)="onTabChange($event)" ariaLabel="Basic navigation tabs" > </aava-tabs> </div> <div right-content class="header_right"> <div class="search-box"> <aava-icon iconName="search" [iconSize]=16 iconColor="#000"></aava-icon> <input type="text" [(ngModel)]="searchText" (input)="onSearchChange()" placeholder="Search" /> </div> <aava-icon class="icon" iconName="Sun" [iconSize]=20 [iconColor]=getIconColor (click)="onGraphIconClick()" ></aava-icon> <aava-icon class="icon" iconName="Languages" [iconSize]=20 [iconColor]=getIconColor (click)="onTranslateIconClick()" ></aava-icon> <aava-icon class="icon" iconName="EllipsisVertical" [iconSize]=20 [iconColor]=getIconColor (click)="onDayLightModeIconClick()" ></aava-icon> <aava-avatars size="md" shape="square" [imageUrl]=getLoggedInUserLogo() badgeState="high-priority" badgeSize="lg" [badgeCount]=9 > </aava-avatars> </div></aava-header>
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```
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Variations

Without Navigation

```
<aava-header containerClass=""> <div left-content class="header_left"> <div class="logo"> <div class="search-box"> <aava-icon iconName="search" [iconSize]=16 [iconColor]="#000"></aava-icon> <input type="text" [(ngModel)]="searchText" (input)="onSearchChange()" placeholder="Search" /> </div> <aava-icon class="icon" iconName="Sun" [iconSize]=20 [iconColor]="getIconColor" (click)="onGraphIconClick()" ></aava-icon> <aava-icon class="icon" iconName="Languages" [iconSize]=20 [iconColor]="getIconColor" (click)="onTranslateIconClick()" ></aava-icon> <aava-icon class="icon" iconName="EllipsisVertical" [iconSize]=20 [iconColor]="getIconColor" (click)="onDayLightModeIconClick()" ></aava-icon> <aava-avatars size="md" shape="square" [imageUrl]="getLoggedInUserLogo()" badgeState="low-priority" badgeSize="lg" [badgeCount]=9 > </aava-avatars> </div></aava-header>
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```

A compact header layout that omits the navigation section—ideal for minimal pages or dashboards.

Without Search

```
<aava-header containerClass=""> <div left-content class="header_left"> <div class="logo"> <aava-icon class="icon" iconName="Sun" [iconSize]="20" [iconColor]="getIconColor" (click)="onGraphIconClick()"></aava-icon> <aava-icon class="icon" iconName="Languages" [iconSize]="20" [iconColor]="getIconColor" (click)="onTranslateIconClick()"></aava-icon> <aava-icon class="icon" iconName="EllipsisVertical" [iconSize]="20" [iconColor]="getIconColor" (click)="onDayLightModeIconClick()"></aava-icon> <aava-avatars size="md" shape="square" [imageUrl]="getLoggedInUserLogo()" badgeState="medium-priority" badgeSize="lg" [badgeCount]="9"></aava-avatars> </div></aava-header>

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```

Displays a clean header without the search bar—suitable for content-focused layouts or authenticated user dashboards.

Mobile View

```

<aava-header containerClass=""> <div left-content class="header_left"> <aava-icon class="menu-toggle" iconName="Menu" [iconSize]="24" iconColor="#000" (click)="toggleMenuDropdown()"></aava-icon> <div class="menu-dropdown" [class.open]="isMenuOpen"> <div class="dropdown-logo">  <aava-icon iconName="search" [iconSize]="16" iconColor="#000"></aava-icon> <input type="text" [(ngModel)]="searchText" (input)="onSearchChange()" placeholder="Search" /> </div> <div class="dropdown-tabs"> <aava-tabs [tabs]="iconsTabs" [activeTabId]="activeTabId" variant="default" size="sm" [showContentPanels]="false" orientation="vertical" (tabChange)="onTabChange($event)"> </aava-tabs> </div> </div> <div right-content class="header_right"> <aava-icon class="icon" iconName="Sun" [iconSize]="20" [iconColor]="getIconColor" (click)="onGraphIconClick()"></aava-icon> <aava-icon class="icon" iconName="Languages" [iconSize]="20" [iconColor]="getIconColor" (click)="onTranslateIconClick()"></aava-icon> <aava-avatars size="md" shape="square" [imageUrl]="getLoggedInUserLogo()" badgeState="information" badgeSize="lg" [badgeCount]="9"></aava-avatars> <aava-icon class="icon" iconName="EllipsisVertical" [iconSize]="20" [iconColor]="getIconColor" (click)="onDayLightModeIconClick()"></aava-icon> </div></aava-header>

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```

Responsive version optimized for smaller screens, with collapsed or hidden center content and accessible mobile actions.

Content Layouts

- Logo + Navigation + Actions- Traditional header with main navigation
- Logo + Search + User Menu- Application header with search functionality
- Minimal Logo + Navigation- Clean, simple header design

Responsive Behavior

Responsive Breakpoints

- Above 1440px: Full three-column layout
- Below 1440px: Center section with visual separator, right section pinned
- Below 1280px: Center section hidden, simplified mobile layout

Features

Three-Column Layout System

- Left Content: Typically for logos, brand elements, or primary navigation
- Center Content: Main navigation, search bars, or secondary content
- Right Content: User actions, notifications, or tertiary navigation

Content Projection

- Uses Angular content projection with `left-content`, `center-content`, and `right-content` selectors
- Flexible content placement without component restrictions
- Easy customization and styling

```
left-content
```

```
center-content
```

```
right-content
```

Theme System

- Light, dark, and transparent theme variants
- Consistent color schemes across themes
- Easy theme switching and customization

Responsive Design

- Automatic layout adjustments based on screen size
- Visual separators that appear/disappear appropriately
- Mobile-optimized layouts

Custom Styling

- `containerClass` input for additional CSS classes
- Flexible styling through content projection
- CSS custom properties for theme customization

```
containerClass
```

API Reference

Input Properties

```
Property | Type | Default | Description
theme | 'light' | 'dark' | 'transparent' | 'light' | Header theme variant
containerClass | string | '' | Additional CSS classes for the header container
```

```
theme
```

```
'light' | 'dark' | 'transparent'
```

```
'light'
```

```
containerClass
```

```
string
```

```
..
```

Content Projection Selectors

Selector Description
[left-content] Left section content (logo, brand)
[center-content] Center section content (navigation, search)
[right-content] Right section content (actions, user menu)

```
[left-content]
```

```
[center-content]
```

```
[right-content]
```

Best Practices

Content Organization

- Left Section: Place logos, brand names, or primary navigation
- Center Section: Use for main navigation menus or search functionality
- Right Section: Include user actions, notifications, or secondary navigation

Responsive Considerations

- Design for mobile-first approach
- Ensure center content gracefully hides on smaller screens
- Test layout behavior across different breakpoints

Theme Usage

- Light Theme: Standard applications, content-heavy pages
- Dark Theme: Dashboard applications, media-focused interfaces
- Transparent Theme: Hero sections, overlay headers, landing pages

Accessibility

- Ensure sufficient color contrast in all themes
- Provide clear navigation structure
- Use semantic HTML elements within content sections

Styling

The header component uses CSS Grid and Flexbox for layout management with:

- Automatic spacing and alignment
- Responsive breakpoints with CSS media queries
- Theme-based color schemes
- Visual separators for center content
- Smooth transitions and animations

