

# 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 { AavaHeaderComponent } from "@aava/play-core";
```

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

## Basic Usage

Simple header with logo, navigation, and user actions.

```
<aava-header containerClass=""> <div left-content class="header__left"> <div class="logo"></div> </div> <div center-content class="header__center tabs-header"> <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" 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>
```

```
<aava-header containerClass=""> <div left-content class="header__left"> <div class="logo"></div> </div> <div center-content class="header__center tabs-header"> <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" 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>
```

```
logoUrl: string = "assets/asc-logo.png"; activeTabId: string = 'overview'; private baseIconsTabs: DemoTabItem[] = [{ id: 'tab1', label: 'Tab1', content: 'Content 1', iconName: 'chevron-right' }, { id: 'tab2', label: 'Tab2', content: 'Content 2', iconName: 'chevron-right' }, { id: 'tab3', label: 'Tab3', content: 'Content 3', iconName: 'chevron-right' }, { id: 'tab4', label: 'Tab4', content: 'Content 4', iconName: 'chevron-right' }]; accounts = [{ companyName: 'ASCENDION', email: 'Jhon.Stark@Ascendion.com', companyLogo: 'assets/logos/dlogo.svg', userLogo: 'assets/1.svg', isLoggedIn: true }, { companyName: 'Axos', email: 'Akash.Kumar@Axos.com', companyLogo: 'assets/logos/dlogo.svg', userLogo: 'assets/1.svg', isLoggedIn: false }]; get iconsTabs(): TabItem[] { return this.baseIconsTabs.map((tab) => ({ ...tab, active: tab.id === this.activeTabId })); } get getIconColor(): string { return '#000'; } onTabChange(event: any) { this.activeTabId = event.id; } onSearchChange() { console.log('Search text changed:', this.searchText); } onGraphIconClick() { console.log('Graph Icon Clicked'); } onTranslateIconClick() { console.log('Translate Icon Clicked'); } onDayLightModeIconClick() { console.log('Day Light Mode Icon Clicked'); } getLoggedInUserLogo(): string { const loggedInAccount = this.accounts.find((account) => account.isLoggedIn); return loggedInAccount ? loggedInAccount.userLogo :
```

```
'assets/1.svg';}
```

```
logoUrl: string = "assets/asc-logo.png";activeTabId: string = 'overview';private baseIconsTabs: DemoTabItem[] = [
{ id: 'tab1', label: 'Tab1', content: 'Content 1', iconName: 'chevron-right', }, { id: 'tab2',
label: 'Tab2', content: 'Content 2', iconName: 'chevron-right', }, { id: 'tab3', label: 'Tab3',
content: 'Content 3', iconName: 'chevron-right', }, { id: 'tab4', label: 'Tab4', content: 'Content
4', iconName: 'chevron-right', },];accounts = [ { companyName: 'ASCENDION', email:
'Jhon.Stark@Ascendion.com', companyLogo: 'assets/logos/dlogo.svg', userLogo: 'assets/1.svg', isLoggedInIn:
true, }, { companyName: 'Axos', email: 'Akash.Kumar@Axos.com', companyLogo: 'assets/logos/dlogo.svg',
userLogo: 'assets/1.svg', isLoggedInIn: false, },];get iconsTabs(): TabItem[] { return
this.baseIconsTabs.map((tab) => ({ ...tab, active: tab.id === this.activeTabId, }));}get getIconColor():
string { return '#000';}onTabChange(event: any) { this.activeTabId = event.id;}onSearchChange() {
console.log('Search text changed:', this.searchText);}onGraphIconClick() { console.log('Graph Icon
Clicked');}onTranslateIconClick() { console.log('Translate Icon Clicked');}onDayLightModeIconClick() {
console.log('Day Light Mode Icon Clicked');}getLoggedInUserLogo(): string { const loggedInAccount =
this.accounts.find((account) => account.isLoggedInIn); return loggedInAccount ? loggedInAccount.userLogo :
'assets/1.svg';}
```

## Variations

### Without Navigation

```
<aava-header containerClass=""> <div left-content class="header__left"> <div class="logo"></div> </div> <div right-content class="header__right"> <div class="search-box"> <aava-icon
iconName="search" [iconSize]="16" iconColor="#000"></aava-icon> <input type="text"
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>
```

```
<aava-header containerClass=""> <div left-content class="header__left"> <div class="logo"></div> </div> <div right-content class="header__right"> <div class="search-box"> <aava-icon
iconName="search" [iconSize]="16" iconColor="#000"></aava-icon> <input type="text"
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>
```

```
logoUrl: string = "assets/asc-logo.png";accounts = [ { companyName: 'ASCENDION', email:
'Jhon.Stark@Ascendion.com', companyLogo: 'assets/logos/dlogo.svg', userLogo: 'assets/1.svg', isLoggedInIn:
true, }, { companyName: 'Axos', email: 'Akash.Kumar@Axos.com', companyLogo: 'assets/logos/dlogo.svg',
userLogo: 'assets/1.svg', isLoggedInIn: false, },];get iconsTabs(): TabItem[] { return
this.baseIconsTabs.map((tab) => ({ ...tab, active: tab.id === this.activeTabId, }));}get getIconColor():
string { return '#000';}onSearchChange() { console.log('Search text changed:',
this.searchText);}onGraphIconClick() { console.log('Graph Icon Clicked');}onTranslateIconClick() {
console.log('Translate Icon Clicked');}onDayLightModeIconClick() { console.log('Day Light Mode Icon
Clicked');}getLoggedInUserLogo(): string { const loggedInAccount = this.accounts.find((account) =>
account.isLoggedInIn); return loggedInAccount ? loggedInAccount.userLogo : 'assets/1.svg';}
```

```
logoUrl: string = "assets/asc-logo.png";accounts = [ { companyName: 'ASCENDION', email:
'Jhon.Stark@Ascendion.com', companyLogo: 'assets/logos/dlogo.svg', userLogo: 'assets/1.svg', isLoggedInIn:
true, }, { companyName: 'Axos', email: 'Akash.Kumar@Axos.com', companyLogo: 'assets/logos/dlogo.svg',
userLogo: 'assets/1.svg', isLoggedInIn: false, },];get iconsTabs(): TabItem[] { return
this.baseIconsTabs.map((tab) => ({ ...tab, active: tab.id === this.activeTabId, }));}get getIconColor():
string { return '#000';}onSearchChange() { console.log('Search text changed:',
this.searchText);}onGraphIconClick() { console.log('Graph Icon Clicked');}onTranslateIconClick() {
console.log('Translate Icon Clicked');}onDayLightModeIconClick() { console.log('Day Light Mode Icon
Clicked');}getLoggedInUserLogo(): string { const loggedInAccount = this.accounts.find((account) =>
account.isLoggedInIn); return loggedInAccount ? loggedInAccount.userLogo : 'assets/1.svg';}
```

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"> <div left-content class="header__left"> <div class="logo"></div> </div> <div center-content class="header__center tabs-header"> <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"> <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]="getLoggedInInUserLogo()" badgeState="medium-priority" badgeSize="lg" [badgeCount]="9"
></aava-avatars> </div></aava-header>
```

```

logoUrl: string = "assets/asc-logo.png";activeTabId: string = 'overview';private baseIconsTabs: DemoTabItem[] = [
{   id: 'tab1',   label: 'Tab1',   content: 'Content 1',   iconName: 'chevron-right', }, {   id: 'tab2',
label: 'Tab2',   content: 'Content 2',   iconName: 'chevron-right', }, {   id: 'tab3',   label: 'Tab3',
content: 'Content 3',   iconName: 'chevron-right', }, {   id: 'tab4',   label: 'Tab4',   content: 'Content
4',   iconName: 'chevron-right', },];accounts = [ {   companyName: 'ASCENDION',   email:
'Jhon.Stark@Ascendion.com',   companyLogo: 'assets/logos/dlogo.svg',   userLogo: 'assets/1.svg',   isLoggedIn:
true, }, {   companyName: 'Axos',   email: 'Akash.Kumar@Axos.com',   companyLogo: 'assets/logos/dlogo.svg',
userLogo: 'assets/1.svg',   isLoggedIn: false, },];get iconsTabs(): TabItem[] { return
this.baseIconsTabs.map((tab) => ({   ...tab,   active: tab.id === this.activeTabId, }));}get getIconColor():
string { return '#000';}onTabChange(event: any) { this.activeTabId = event.id;}onGraphIconClick() {
console.log('Graph Icon Clicked');}onTranslateIconClick() { console.log('Translate Icon
Clicked');}onDayLightModeIconClick() { console.log('Day Light Mode Icon Clicked');}getLoggedInUserLogo(): string
{ const loggedInAccount = this.accounts.find((account) => account.isLoggedIn); return loggedInAccount ?
loggedInAccount.userLogo : 'assets/1.svg';}

```

```

<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">  </div> <div class="search-box dropdown-search"> <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> <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>

```

```
<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">  </div> <div class="search-box dropdown-search"> <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> <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>
```

```
logoUrl: string = "assets/asc-logo.png";searchText = "";isDropdownOpen = true;activeTabId: string =
"overview";isMenuOpen = false;private baseIconsTabs: DemoTabItem[] = [ { id: 'tab1', label: 'Tab1',
content: 'Content 1', iconName: 'chevron-right' }, { id: 'tab2', label: 'Tab2', content: 'Content
2', iconName: 'chevron-right' }, { id: 'tab3', label: 'Tab3', content: 'Content 3', iconName:
'chevron-right' }, { id: 'tab4', label: 'Tab4', content: 'Content 4', iconName: 'chevron-right',
}],accounts = [ { companyName: 'ASCENDION', email: 'Jhon.Stark@Ascendion.com', companyLogo:
'assets/logos/dlogo.svg', userLogo: 'assets/1.svg', isLoggedIn: true, }, { companyName: 'Axos',
email: 'Akash.Kumar@Axos.com', companyLogo: 'assets/logos/dlogo.svg', userLogo: 'assets/1.svg',
isLoggedIn: false, }];get getIconColor(): string { return '#000';}get iconsTabs(): TabItem[] { return
this.baseIconsTabs.map((tab) => ({ ...tab, active: tab.id === this.activeTabId, }));}onSearchChange() {
console.log('Search text changed:', this.searchText);}toggleMenuDropdown() { this.isMenuOpen =
!this.isMenuOpen;}onDayLightModeIconClick() { console.log('Day Light Mode Icon Clicked');}onTranslateIconClick()
{ console.log('Translate Icon Clicked');}onGraphIconClick() { console.log('Graph Icon
Clicked');}onTabChange(event: any) { this.activeTabId = event.id;}getSortedAccounts() { return
this.accounts.sort((a, b) => a.isLoggedIn === b.isLoggedIn ? 0 : a.isLoggedIn ? -1 : 1
);}getLoggedInUserLogo(): string { const loggedInAccount = this.accounts.find((account) => account.isLoggedIn);
return loggedInAccount ? loggedInAccount.userLogo : 'assets/1.svg';}
```

```
logoUrl: string = "assets/asc-logo.png";searchText = "";isDropdownOpen = true;activeTabId: string =
"overview";isMenuOpen = false;private baseIconsTabs: DemoTabItem[] = [ { id: 'tab1', label: 'Tab1',
content: 'Content 1', iconName: 'chevron-right' }, { id: 'tab2', label: 'Tab2', content: 'Content
2', iconName: 'chevron-right' }, { id: 'tab3', label: 'Tab3', content: 'Content 3', iconName:
'chevron-right' }, { id: 'tab4', label: 'Tab4', content: 'Content 4', iconName: 'chevron-right',
}],accounts = [ { companyName: 'ASCENDION', email: 'Jhon.Stark@Ascendion.com', companyLogo:
'assets/logos/dlogo.svg', userLogo: 'assets/1.svg', isLoggedIn: true, }, { companyName: 'Axos',
email: 'Akash.Kumar@Axos.com', companyLogo: 'assets/logos/dlogo.svg', userLogo: 'assets/1.svg',
isLoggedIn: false, }];get getIconColor(): string { return '#000';}get iconsTabs(): TabItem[] { return
this.baseIconsTabs.map((tab) => ({ ...tab, active: tab.id === this.activeTabId, }));}onSearchChange() {
console.log('Search text changed:', this.searchText);}toggleMenuDropdown() { this.isMenuOpen =
!this.isMenuOpen;}onDayLightModeIconClick() { console.log('Day Light Mode Icon Clicked');}onTranslateIconClick()
{ console.log('Translate Icon Clicked');}onGraphIconClick() { console.log('Graph Icon
Clicked');}onTabChange(event: any) { this.activeTabId = event.id;}getSortedAccounts() { return
this.accounts.sort((a, b) => a.isLoggedIn === b.isLoggedIn ? 0 : a.isLoggedIn ? -1 : 1
);}getLoggedInUserLogo(): string { const loggedInAccount = this.accounts.find((account) => account.isLoggedIn);
return loggedInAccount ? loggedInAccount.userLogo : 'assets/1.svg';}
```

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

## Content Layouts

### Layout Patterns

- 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

<code>left-content</code>
<code>center-content</code>
<code>right-content</code>

## 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

<code>containerClass</code>
-----------------------------

## API Reference

### Input Properties

Property	Type	Default	Description
<code>theme</code>	<code>'light'</code>   <code>'dark'</code>   <code>'transparent'</code>   <code>'light'</code>	<code>'light'</code>	Header theme variant
<code>containerClass</code>	<code>string</code>   <code>''</code>	<code>''</code>	Additional CSS classes for the header container
<code>theme</code>			
<code>'light'</code>   <code>'dark'</code>   <code>'transparent'</code>			
<code>'light'</code>			

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

