Component Documentation

Tooltip

A flexible and accessible tooltip component for providing contextual information, guidance, or feedback. Supports multiple positions, arrow alignments, semantic variants, smooth animations, and advanced content, ensuring both usability and accessibility.

How to use

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

Basic Usage

A simple tooltip attached to any element.

```
<aava-button
  label="Tooltip with Hover"
  variant="primary"
  size="small"
  state="default"
  avaTooltipDescription="Tooltip with Hover"
  avaTooltipType="simple"
  avaTooltipTrigger="hover"
  avaTooltipPosition="top"
  avaTooltipArrow="center"
>
</aava-button>
```

Positions

Tooltips can be positioned relative to the target element: top (default), bottom , left , right . Arrow alignment options: start , center (default), end .

```
<aava-button
  label=" Start"
  variant="primary"
  size="small"
  state="default"
  avaTooltipDescription=" Start"
  avaTooltipType="simple"
  avaTooltipTrigger="hover"
  avaTooltipPosition="top"
  avaTooltipArrow="start"
></aava-button>
<aava-button
  label=" Center"
  variant="primary"
  size="small"
  state="default"
  avaTooltipDescription=" Center"
  avaTooltipType="simple"
  avaTooltipTrigger="hover"
  avaTooltipPosition="top"
  avaTooltipArrow="center"
></aava-button>
<aava-button
  label=" End"
  variant="primary"
  size="small"
  state="default"
  avaTooltipDescription=" End"
  avaTooltipType="simple"
  avaTooltipTrigger="hover"
  avaTooltipPosition="top"
  avaTooltipArrow="end"
></aava-button>
```

Variants

```
<aava-button
  label="Title Only"
  variant="secondary"
  size="small"
  avaTooltipTitle="Heading"
  avaTooltipPosition="top"
  avaTooltipArrow="center"
>
</aava-button>
<aava-button
  label="Desc Only"
  variant="secondary"
  size="small"
  avaTooltipDescription="This description should start from beginning"
  avaTooltipPosition="top"
  avaTooltipArrow="center"
>
</aava-button>
<aava-button
  label="Desc+Icon Only"
  variant="secondary"
  size="small"
  avaTooltipDescription="This description should start from beginning"
  avaTooltipIcon="info"
  avaTooltipIconColor="var(--color-text-primary)"
  avaTooltipPosition="top"
  avaTooltipArrow="center"
>
</aava-button>
<aava-button
  label="Title+Icon+Desc"
  variant="secondary"
  size="small"
  avaTooltipTitle="Save Feature"
  avaTooltipDescription="This description should align with title text"
  avaTooltipIcon="save"
  avaTooltipIconColor="var(--color-text-primary)"
  avaTooltipPosition="top"
  avaTooltipArrow="center"
>
</aava-button>
```

API Reference

Inputs (via config object)

Property	Type	Default	Description
content	string	''	Tooltip text or HTML content
position	'top' | 'bottom' | 'left' | 'right'	'top'	Tooltip position relative to target
arrow	'start' | 'center' | 'end'	'center'	Arrow alignment

Property	Type	Default	Description
width	number	-	Target element width (for positioning, set automatically)
height	number	-	Target element height (for positioning, set automatically)
top	number	-	Target element top offset (set automatically)
left	number	-	Target element left offset (set automatically)
bottom	number	-	Target element bottom offset (set automatically)
enableAnimation	boolean	true	Enable/disable tooltip animation
behavior	'hover'	'focus'	'manual'	'hover'	How the tooltip is triggered

Outputs

Tooltip is a presentational component. Events are handled by the directive or parent logic.

Methods

Method	Parameters	Description
updatePosition()	-	Recalculates and updates tooltip position

CSS Custom Properties

Tooltip uses CSS custom properties for theming and design tokens:

Property	Description
--tooltip-background	Tooltip background color
--tooltip-text	Tooltip text color
--tooltip-font	Font family for tooltip

Property	Description
--tooltip-padding	Padding inside tooltip
--tooltip-border-radius	Border radius for tooltip
--tooltip-shadow	Box shadow for tooltip
--tooltip-border-color	Border color for tooltip
--tooltip-z-index	Z-index for tooltip
--tooltip-info-background	Info variant background
--tooltip-info-text	Info variant text color
--tooltip-info-arrow	Info variant arrow color
--tooltip-success-background	Success variant background
--tooltip-success-text	Success variant text color
--tooltip-success-arrow	Success variant arrow color
--tooltip-warning-background	Warning variant background
--tooltip-warning-text	Warning variant text color
--tooltip-warning-arrow	Warning variant arrow color
--tooltip-error-background	Error variant background
--tooltip-error-text	Error variant text color
--tooltip-error-arrow	Error variant arrow color

Accessibility

Tooltip follows accessibility best practices:

• Keyboard accessible (triggered by focus/hover)
• Proper ARIA attributes for screen readers
• Focus management and visible indicators
• High contrast and reduced motion support

Theming & Design Tokens

All colors, spacing, and effects are controlled via semantic design tokens and CSS custom properties. Override these in your theme or component styles for custom branding.

Best Practices

• Use tooltips for short, contextual information only
• Avoid placing critical information solely in tooltips
• Ensure tooltips are accessible via keyboard and screen readers
• Use semantic variants to match the context (info, warning, etc.)

- Test tooltip placement in responsive layouts
- Avoid excessive custom styling; use built-in variants and sizes