Chat-Bubble

Chat Bubble

aava-chat-bubblerenders conversational messages with support for user/AI alignment, avatars, timestamps, and optional action icons per message (copy, like/dislike, speak, reply).

```
aava-chat-bubble
```

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

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```

Usage

```
<aava-chat-bubble [messages]="messages"></aava-chat-bubble>
```

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```

```
 messages: Message[] = [    {      sender: 'user',      senderName: 'Matthew Anderson',      time: '05:00 pm',      text: "Hey there! I'm new here and I'm really interested in the concept of tokenized real estate. Can anyone explain how it works?",      avatar: 'assets/1.svg',      icons: [],    },    {      sender: 'ai',      senderName: 'Matthew Anderson',      time: '05:01 pm',      text: 'Hey Matthew, welcome! Tokenized real estate is a way to represent ownership in real estate properties using blockchain technology. Each property is divided into tokens, and each token represents a certain fraction of ownership in that property.',      avatar: 'assets/1.svg',      icons: [        { name: 'thumbs-up', label: 'Like' },        { name: 'thumbs-down', label: 'Dislike' },      ],    },  ];
```

```
 messages: Message[] = [    {      sender: 'user',      senderName: 'Matthew Anderson',      time: '05:00 pm',      text: "Hey there! I'm new here and I'm really interested in the concept of tokenized real estate. Can anyone explain how it works?",      avatar: 'assets/1.svg',      icons: [],    },    {      sender: 'ai',      senderName: 'Matthew Anderson',      time: '05:01 pm',      text: 'Hey Matthew, welcome! Tokenized real estate is a way to represent ownership in real estate properties using blockchain technology. Each property is divided into tokens, and each token represents a certain fraction of ownership in that property.',      avatar: 'assets/1.svg',      icons: [        { name: 'thumbs-up', label: 'Like' },        { name: 'thumbs-down', label: 'Dislike' },      ],    },  ];
```

API

Inputs

```
Name | Type | Default | Description
messages | Array<{ sender: 'user' | 'ai'; senderName: string; time: string; text: string; avatar: string; icons: { name: string; label: string }[]; }> | [] | Message array to render. Sender controls alignment and bubble styling.
customStyles | Record | {} | Optional custom styles to apply to the chat bubble component dynamically.
```

```
messages
```

```
Array<{ sender: 'user' | 'ai'; senderName: string; time: string; text: string; avatar: string; icons: { name: string; label: string }[]; }>
```

```
[]
```

```
customStyles
```

```
Record<string, string>
```

```
{}
```

Methods

- copyMessage(text: string): Copies message text to clipboard.

- reactToMessage(reaction: 'like' | 'dislike'): Hook to handle reactions.

- replyToMessage(): Hook to trigger reply flow.

- speakMessage(text: string): Uses Speech Synthesis to read message aloud.

```
copyMessage(text: string)
```

```
reactToMessage(reaction: 'like' | 'dislike')
```

```
replyToMessage()
```

```
speakMessage(text: string)
```

CSS Variables

Chat Bubble uses CSS variables for theming:

```
Variable | Description
--chat-bubble-user-background-color | Background color for user messages.
--chat-bubble-user-text-color | Text color for user messages.
--chat-bubble-ai-background-color | Background color for AI messages.
--chat-bubble-ai-text-color | Text color for AI messages.
--chat-bubble-font-family | Font family used in chat bubbles.
--chat-bubble-text | Primary text color used in chat bubbles.
--chat-bubble-line | Line color used for separators or borders.
--chat-bubble-font-weight | Font weight used in chat bubbles.
--chat-bubble-font-size-md | Medium font size used in chat bubbles.
--chat-bubble-font-size-sm | Small font size used in chat bubbles.
--chat-bubble-font-size-xs | Extra small font size used in chat bubbles.
```

```
--chat-bubble-user-background-color
```

```
--chat-bubble-user-text-color
```

```
--chat-bubble-ai-background-color
```

```
--chat-bubble-ai-text-color
```

```
--chat-bubble-font-family
```

```
--chat-bubble-text
```

```
--chat-bubble-line
```

```
--chat-bubble-font-weight
```

```
--chat-bubble-font-size-md
```

```
--chat-bubble-font-size-sm
```

```
--chat-bubble-font-size-xs
```

Accessibility

- Keyboard focusable action icons.

- Announce message content to assistive tech using readable DOM text.

- Optional speech synthesis viaspeakMessage.

```
speakMessage
```

Best Practices

- Keep messages concise and scannable.

- Include timestamps and sender names when useful.

- Prefer semantic colors via tokens for light/dark themes.

Related

- Avatar

- Icon

- Prompt Bar