Knowledge Bot Widget Integration Guide

# Overview

Embed a glassmorphism chat widget on any website. It preserves token handling, session management, markdown rendering, DOM sanitization, and streaming.

# Prerequisites

- Token from CMS → Bot Management → copy the bot’s widget token  
- Optional: DOMPurify for sanitization  
- Recommended meta for mobile: <meta name="viewport" content="width=device-width, initial-scale=1, viewport-fit=cover">

# Production embed

<meta name="viewport" content="width=device-width, initial-scale=1, viewport-fit=cover" />  
<script src="https://cdn.jsdelivr.net/npm/dompurify@3.0.2/dist/purify.min.js" defer></script>  
<script  
 src="https://knowledge-bot-retrieval.onrender.com/static/widget.js"  
 data-token="YOUR\_WIDGET\_TOKEN\_HERE"  
 data-bubble-title="Ask ClearlyClear"  
 data-search-title="ClearlyClear Concierge"  
 data-show-logo="false"  
 defer  
></script>

# Local development

<script  
 src="http://localhost:8000/static/widget.js"  
 data-token="YOUR\_LOCAL\_TEST\_TOKEN"  
 data-bubble-title="Chat"  
 data-search-title="Assistant"  
 data-show-logo="false"  
 defer  
></script>

## Notes

- Auto-detects localhost/127.0.0.1 for API calls; otherwise production.  
- Adjust the script URL if you use a different local port.

# Attributes

- data-token (required): your bot’s widget token  
- data-bubble-title (optional): text in bubble; if omitted, an icon is shown  
- data-search-title (optional): header title; blank if omitted  
- data-show-logo (optional): "true" to show logo; hidden by default

# Behavior

- Bottom-right bubble; panel grows upward only; capped to screen height (vh/dvh)  
- Enter to send; or click Send  
- Streams responses via SSE/JSON; control frames filtered  
- Markdown rendered; sources in a collapsible ‘Show Sources’ section  
- If DOMPurify present, all rendered content sanitized

# Styling and isolation

- Scoped .kb-\* styles  
- Ensure global resets don’t override widget inputs/buttons

# Mobile specifics

- viewport-fit=cover and dvh when supported  
- Input font-size 16px on small screens to avoid iOS zoom  
- Header/close always accessible; content area scrolls

# Token source

- CMS → Bot Management → select bot → copy token → set data-token  
- Rotating tokens: update the attribute only

# Troubleshooting

- White-on-white text: ensure site CSS doesn’t force colors on .kb-\*  
- CORS: allow your site’s origin on the backend  
- Local connection: server must run at http://localhost:8000

# Security

- Multi-tenant isolation enforced server-side  
- Client sanitization via DOMPurify