CopilotPopup "Docusaurus"

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Did you mean: ***Copilot Popup*** "Docusaurus"

AI Overview

Although there is no official "CopilotPopup" plugin specifically for Docusaurus, you can implement a chatbot popup using the **CopilotKit** library. This involves installing the `@copilotkit/react-ui` package, adding the necessary provider components, and rendering the `<CopilotPopup>` component in your Docusaurus site.

Prerequisites

You will need an existing Docusaurus site and a provider for your AI copilot. This guide assumes you are using CopilotKit for the UI components.

1. Install CopilotKit packages

First, install the CopilotKit React UI and a framework package, such as `@copilotkit/react-core`, in your Docusaurus project.

sh

```sh
npm install @copilotkit/react-ui @copilotkit/react-core
```

2. Wrap your Docusaurus site with the CopilotKit provider

To make the AI functionality available throughout your site, you need to wrap your application with the `<CopilotKit>` provider component. You can do this by swizzling a Docusaurus component, such as `Root.js` or `Layout.js`, to modify the root of your React component tree.

Example: Modifying the `Root.js` component

1. **Swizzle the `Root` component**. Run the following command in your terminal to create a local copy of the `Root` component file.

   sh

   ```sh
   npm run swizzle @docusaurus/core Root -- --eject
   ```

2. **Add the provider**. Edit the generated `src/theme/Root.js` file to include the `<CopilotKit>` provider.

```js
// src/theme/Root.js
import React from 'react';
import { CopilotKit } from "@copilotkit/react-core";

function Root({ children }) {
  return (
    <CopilotKit url="/api/copilotkit">
      {children}
    </CopilotKit>
  );
}

export default Root;
```

Note: The `url` prop should point to your backend API endpoint for the copilot.

3. Add the CopilotPopup component

Next, render the `<CopilotPopup>` component in your application's layout. A good place for this is the `Layout` component, which is responsible for the persistent structure of your site.

Example: Adding to the `Layout` component

1. **Swizzle the `Layout` component**.

```sh
npm run swizzle @docusaurus/theme-classic Layout -- --eject
```

2. **Add the popup**. Edit the generated `src/theme/Layout.js` file to include the `<CopilotPopup>` component, for example, within the main content area.

```js
// src/theme/Layout.js
import React from 'react';
import OriginalLayout from '@theme-original/Layout';
import { CopilotPopup } from "@copilotkit/react-ui";

export default function Layout(props) {
  return (
    <OriginalLayout {...props}>
      {props.children}
      <CopilotPopup
        labels={{
          title: "Your Docusaurus Assistant",
          initial: "Ask me a question about our docs!"
        }}
        defaultOpen={true}
      />
    </OriginalLayout>
  );
}
```

Note: You can customize the popup's appearance and behavior using the available props.

4. Configure your backend and deploy

This setup provides the front-end components for the popup, but you still need a working backend that the CopilotKit provider can connect to.

1. **Set up your CopilotKit backend** as detailed in the official CopilotKit documentation.
2. **Configure your Docusaurus site** to correctly proxy requests to your backend or host it separately.
3. **Redeploy your site** to see the changes. The copilot popup should now be visible and functional.

Alternative integration options

If the CopilotKit approach is too complex, you may find other solutions to integrate an AI chatbot:

- **Third-party services:** Some services, like **CrawlChat** and **Q Answer**, offer dedicated Docusaurus integrations where you copy a code snippet from their dashboard and paste it into your `docusaurus.config.js` file.
- **Custom React component:** As Docusaurus is built with React, you can create a custom React component for the popup using any library and place it within a swizzled `Layout.js` component.