

BookStack + Google Apps Script Integration Demo

Overview

This project will help you get familiar with our technical setup by integrating a Google Apps Script web app into our BookStack knowledge base. You will be working with Docker, Google Apps Script, and BookStack.

Objectives

- Set up and run the BookStack app using Docker containers.
- Create and deploy a "Hello World" Google Apps Script web app.
- Embed the web app as an iframe in a BookStack page.
- Record a short demo video to demonstrate the setup.

Prerequisites

Before starting, please review the following documentation to ensure a smooth setup:

- [BookStack Official Documentation](#)
- [Docker Documentation](#)

Note:

- The following steps are starting points; additional configuration or troubleshooting may be required.
- Embedding an iframe might necessitate adjusting BookStack's configuration settings.
- Deploying the Google Apps Script web app could involve modifying access permissions or deployment settings.
- Utilize tools like ChatGPT, Grok Deep Research, or other resources to assist with any challenges you encounter during this project.

Tasks

1. Set Up BookStack with Docker

- Use the [official BookStack Docker guide](#) or our internal repository if available.
- Ensure the BookStack app is accessible locally, e.g., `http://localhost:8080`.
- Log in using the default or configured credentials.

Expected Outcome: BookStack app is running locally in Docker.

2. Create a Google Apps Script Web App

1. Go to script.google.com.
2. Create a new project and paste the following code:

```
function doGet() {  
  return HtmlService.createHtmlOutput("<h1>Hello World</h1>");  
}
```

3. Deploy the script as a web app:
 - Click **Deploy > New deployment**.
 - Click **Select type** and choose **Web app**.
 - Enter a description, e.g., "Hello World Deployment".
 - Under **Execute as**, select **Me**.
 - Under **Who has access**, select **Anyone**.
 - Click **Deploy**.
 - Authorize the script if prompted.
 - Copy the deployment URL.

Expected Outcome: A public URL that displays "Hello World".

3. Embed the Web App in BookStack

- Log in to your local BookStack instance.
- Create a new Page or edit an existing one.
- Use the following HTML to embed the web app:

```
<iframe src="YOUR_WEB_APP_URL_HERE" width="100%" height="500" style="border: none;"></iframe>
```

Embedding external content via iframes may require additional configuration in BookStack to allow such content. Refer to the [BookStack documentation](#) for guidance on adjusting settings to permit iframe embedding.

Expected Outcome: A page in BookStack that shows the embedded "Hello World" web app.

Final Deliverable

Please record a short demo video showing:

- The BookStack app running in Docker.
- The embedded "Hello World" app functioning in BookStack.
- A brief explanation of your setup.

Upload the video to the following Google Drive folder:

[Upload Link](#)

Questions or Issues?

If you run into any problems or have questions, reach out to Thian-Peng directly on Signal.

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