

Export the content page as it is

Table of Contents

[Export the content page as it is](#)

[Overview](#)

[Steps](#)

[1. Install npm](#)

[2. Install Puppeteer](#)

[Install Chrome for the Web User](#)

[Set Cache Permissions](#)

[Update .env to manipulated export command](#)

[Create the Export Script](#)

Overview

Customizations aren't appearing in PDF exports because BookStack's PDF engine (by default, dompdf) is a separate process that doesn't execute JavaScript and only recognizes a subset of CSS.

To ensure your styles are applied to PDF exports follows the steps

Steps

1. Install npm

```
apt update  
apt install npm -y
```

2. Install Puppeteer

```
npm install puppeteer
```

Install Chrome for the Web User

```
# Define a local cache path and install
PUPPETEER_CACHE_DIR=/opt/bookstack/.cache npx puppeteer browsers install chrome
```

Set Cache Permissions

```
# Replace 'www-data' with your web user if different (e.g., 'nginx')
chown -R www-data:www-data /opt/bookstack/.cache
```

Update .env to manipulated export command

Edit `.env` adding:

```
ALLOW_UNTRUSTED_SERVER_FETCHING=true
EXPORT_PDF_COMMAND="node /opt/bookstack/puppeteer-pdf.js {input_html_path} {output_pdf_path}"
EXPORT_PDF_COMMAND_TIMEOUT=30
```

Create the Export Script

In BookStack root directory (`/opt/bookstack`) create a new file named `puppeteer-pdf.js`

```
const puppeteer = require('puppeteer');
const fs = require('fs');

(async () => {
  const browser = await puppeteer.launch({
    executablePath: '/opt/bookstack/.cache/chrome/linux-146.0.7680.76/chrome-linux64/chrome',
    args: ['--no-sandbox', '--disable-setuid-sandbox']
  });
  const page = await browser.newPage();

  const htmlContent = fs.readFileSync(process.argv[2], 'utf8');
  await page.setContent(htmlContent, { waitUntil: 'networkidle0' });

  // --- NEW TOC GENERATION LOGIC ---
  await page.evaluate(() => {
    const tocPlaceholder = document.body.innerHTML.match(/\[TOC\]/g);
    if (!tocPlaceholder) return;

    // Find all headings (h1 to h4)
    const headings = Array.from(document.querySelectorAll('h1, h2, h3, h4'));
    let tocHtml = '<div class="table-of-contents"><h2>Table of Contents</h2><ul>';

    headings.forEach((heading, index) => {
      const id = heading.id || `heading-${index}`;
```

```
        heading.id = id; // Ensure heading has an ID to link to
        const level = heading.tagName.toLowerCase();
        tocHtml += `- 

```

🕒 Revision #1

★ Created 2026-03-14 01:40:05 UTC by Dario

✎ Updated 2026-03-14 01:52:36 UTC by Dario