Migrating Sozi Presentations to PDF

Convert Sozi Presentations to PDF

Convert exported `.sozi.html` presentations into PDF files using the official Sozi exporter or a lightweight Node.js-based migration script.

Overview

Sozi is an SVG-based presentation tool that creates zooming and animated presentations. Presentations are typically exported as a single `.sozi.html` file.

If you need a printable, archivable, or shareable version, you can convert the presentation into a PDF.

TL:DR

```
# Install exporter
npm install -g sozi-export

# Install pdfjam (macOS)
brew install texlive

# Convert presentation
sozi-to-pdf presentation.sozi.html presentation.pdf
```

Or use the lightweight alternative:

```
node sozi-pdf-migrations.js
```

Option 1: Official Sozi Export

The recommended approach uses **sozi-export**, which understands Sozi's frame definitions and exports each frame exactly as designed.

Prerequisites

Install:

- Node.js
- sozi-export
- pdfjam (included in TeX Live)

Install Sozi Export

```
npm install -g sozi-export
```

Install pdfjam

macOS

```
brew install texlive
```

Ubuntu / Debian

```
sudo apt install texlive-extra-utils
```

Windows

Install TeX Live:

https://www.tug.org/texlive/

Convert a Presentation

```
sozi-to-pdf presentation.sozi.html presentation.pdf
```

Each Sozi frame becomes a separate PDF page.

Batch Conversion

macOS / Linux

```
for f in *.sozi.html; do
  sozi-to-pdf "f""{f%.sozi.html}.pdf"
done
```

Windows PowerShell

```
Get-ChildItem *.sozi.html | ForEach-Object {
  sozi-to-pdf .Name(_.Name -replace '\.sozi\.html$', '.pdf')
}
```

Option 2 — Node.js Migration Script

If you already have **Node.js/npm** available and do not want to install **TeX Live** or **pdfjam**, you can use the custom migration script provided by LNC Docs Resources.

This provides a lightweight alternative for converting Sozi presentations to PDF using only npm-based tooling.

Download

- sozi-pdf-migrations.js

Usage

```
node sozi-pdf-migrations.js
```

> Use this approach when you want to avoid installing TeX Live and only require a Node.js-based solution.

Troubleshooting

pdfjam executable not found

Verify that `pdfjam` is installed:

```
which pdfjam
```

If required, add TeX binaries to your PATH:

```
export PATH="/Library/TeX/texbin:$PATH"
```

Missing Frames

Ensure you convert the exported `.sozi.html` file and not the original `.svg` file.

Correct

```
presentation.sozi.html
```

Wrong

```
presentation.svg
```

DeckTape Errors or Timeouts

Generic presentation exporters such as DeckTape do not provide native Sozi support and may produce detached-frame errors or timeout during export.

Use either:

```
sozi-to-pdf
```

or the provided

```
sozi-pdf-migrations.js
```

script instead.

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