

This is a very well-structured and polished web app for cleaning newspaper images by thresholding their brightness (turning yellowish paper into white background), previewing cleaned images, rotating them smoothly with undo/redo, and exporting each cleaned image as a separate PDF.

How it works — summary

- **Image Input:** User selects multiple images.
 - **Cleaning:** Each image is converted to grayscale and thresholded at brightness 72 to produce a clean black & white image with white background.
 - **Preview:** Shows each cleaned image in a card with a smooth fade-in.
 - **Rotate:** Each image has a slider to rotate it from -180° to $+180^\circ$, using Cropper.js for smooth transformations.
 - **Undo/Redo:** You can undo or redo the rotations applied to each image independently.
 - **Export PDF:** Clicking "Export PDFs" generates and downloads separate PDF files, each containing one cleaned and rotated image, sized to fit an A4 page.
 - **Dark Mode:** Toggle to switch UI to dark theme.
 - **Accessibility:** ARIA attributes, labels, and keyboard focus styling included.
 - **Creator Info:** Footer crediting the creators.
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How to get the downloaded PDFs

When you click **Export PDFs** button, the script loops through all cropper instances (each image) and:

1. Gets the cropped canvas with the cleaned and rotated image.
2. Converts that canvas to a JPEG data URL.
3. Creates a new jsPDF instance per image (A4 page).
4. Calculates image size to fit within the PDF page while keeping aspect ratio.
5. Adds the image to the PDF centered on the page.
6. Triggers `pdf.save(...)` which downloads the PDF file named `cleaned_image_1.pdf`, `cleaned_image_2.pdf`, etc.

Each image triggers its own separate file download — **not merged into one PDF**.