

DIY Digitization workshop

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Digitization

Digitizing or digitization is the representation of an object, image, sound, document or a signal (usually an analog signal) by a discrete set of its points or samples.

- Wikipedia

Digitization of Books

- A printed book is a real world object.
- Touch sensation (Haptics), Smell, Weight, Size...
- Content
 - Meaning (Semantic content/Imageries)
 - Images of text (Script)
 - Letters (Fonts)
 - Formatted text

Available Technology

- Desktop scanners/Multifunctional image process
- Planetary scanners/Automated high speed image capturing system
- Digital SLR cameras

Current State-of-the-Art

- Point and shoot cameras
- Mobile phones
- Video cameras

Are you re-inventing the wheel?

- Check if the book is already digitized and available online/elsewhere
- Common repositories:
 - DLI (Digital Library of India)
 - Archive.org
 - DSAL (Digital South Asia Library)
 - Wikimedia Commons
- Know the gravity of your efforts

SM Tether

SM Tether is a software tool to remote control your Nikon dSLR camera.

- Works for Windows
- Works for Nikon dSLR Cameras

You may find other similar softwares from your camera manufacturer or other sources

Scan Tailor

Scan tailor is a highly efficient batch image processor with intensive fuzzy logic built in. It is optimized for text book scanning.

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Image Formats

.jpg

.png

.tiff

.bmp

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