DIY Digitization workshop
20 Aug 2013, Centre for Internet and Society
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.
Image Formats

.jpg
.png
.tiff
.bmp
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