

## Resources and tools to learn how to read accessible Digital books

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ADRAD-Nepal has developed this guide for reading the Digital accessible books in EPUBs and DAISY format.

This guide serves to the readers amongst Blind and visual impaired and those having print disabilities to read the accessible Epub and DAISY version of textbooks.

### About Accessible books in EPub and DAISY format:

#### 1.1. What is EPUBs accessible book?

EPUB is an electronic publication, a file format that is the current industry standard in digital publishing. EPUBs are a standardized format that can support the digitization of traditional print books and make best use of the flexibility of digital screens to resize, reflow and enhance text and media rich content in accessible format. EPUBs support both unprotected and digital rights management solutions to protect publisher material and lock content to specific platforms and ecosystems. The EPUB format is based on web technologies and can be described as a “web page in a package”, with specific metadata and structural information that describes how it should be organized.

The accessible' EPUB, adapt the content to accessible formats, applying the techniques and tools used to make EPUBs accessible, and innovations and new techniques to make Universal Design for Learning (UDL) digital textbooks.

### 1.2. How to read the Epub Books?

EPUBs be opened by an 'EPUB reader', a piece of software that can correctly display the contents of an EPUB on a screen. Different readers support the features defined in the EPUB standard.

In some cases, readers will only support the older EPUB 2.0 standard, while the newer readers may or may not support specific features like media overlays for synchronizing text and audio.

There is various platform to read EPUBs books applying windows as well as the Android or iOS platforms. Here is the link of few reader software recommended to read the DIDRR book in accessible Epub format with media overlays.

### 1.3. Step-to-step guideline to read DIDRR handbook in Epub format:

Download the Epub book available in the link of audio books in CDC library:

[www.moecdc.gov.np/](http://www.moecdc.gov.np/)

2. If you are using Microsoft Windows, the software application Thorium reader is recommended.

You can download and install Thorium in the link below:

<https://github.com/edrlab/thorium-reader/releases/download/v2.4.2/Thorium.Setup.2.4.2.exe>

After installing the Thorium, load it and open the intended Epub book, then follow the shortcut key commands:

- AudioNext: CTRL+Digit3
- AudioPlayPause:CTRL+Digit2
- AudioPrevious:CTRL+Digit1
- AudioStop:CTRL+Digit4
- CloseReader:CTRL+KeyW
- FocusMain:CTRL+F10
- FocusReaderGotoPage:SHIFTCTRL+KeyP
- FocusReaderNavigation:CTRL+KeyN
- FocusReaderSettings:CTRL+KeyS
- FocusSearch:CTRL+KeyF

- FocusToolbar:CTRL+KeyT
- NavigateNextChapter:SHIFTCTRLALT+ArrowRight
- NavigateNextChapterAlt:CTRL+PageDown
- NavigateNextOPDSPage:SHIFTCTRL+ArrowRight
- NavigateNextOPDSPageAlt:SHIFTCTRL+Period
- NavigateNextPage:ArrowRight
- NavigateNextPageAlt:CTRL+Period
- NavigatePreviousChapter:SHIFTCTRLALT+ArrowLeft
- NavigatePreviousChapterAlt:CTRL+PageUp
- NavigatePreviousOPDSPage:SHIFTCTRL+ArrowLeft
- NavigatePreviousOPDSPageAlt:SHIFTCTRL+Comma
- NavigatePreviousPage:ArrowLeft
- NavigatePreviousPageAlt:CTRL+Comma
- NavigateToBegin:CTRL+Home
- NavigateToEnd:CTRL+End
- OpenReaderInfo:CTRL+KeyI
- SearchNext:F3
- SearchNextAlt:CTRL+KeyG
- SearchPrevious:SHIFT+F3
- SearchPreviousAlt:SHIFTCTRL+KeyG
- ToggleBookmark:CTRL+KeyB
- ToggleReaderFullscreen:CTRL+F11

3. If you are using Smart phones in Android or iOS, you may search any of the appropriate apps to read the Epub books from google play store and apple play store respectively.

Follow the steps recommended by the Apps help menu if you have confusion.

Enjoy reading Epub books in accessible format.

## 1.1. What is DAISY books?

The Digital Accessible Information System (DAISY) Specification offers a flexible and navigable reading experience for people who are blind or print disabled. The recent version of the specification DAISY 3 is also a NISO Standard for digital talking books (DTB) which offers the print-disabled user a significantly enhanced reading experience—one that is much closer to that of the sighted reader using a print book. The DAISY standard was developed to improve the reading experience for all print disabled readers.

## 2.2. How to read the DAISY books?

Download DD reader for Windows and Android devices:

<https://daisy.org/guidance/info-help/guidance-training/reading-systems/ddreader-quick-start-guide/#:~:text=The%20DDReader%20is%20a%20fully,available%20on%20Google%20Play%20Store.>

End of the guideline.