BOOX 60 User Manual

Version 1.0

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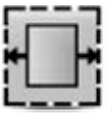
6.4.10.2 To Width  71

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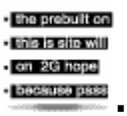
6.4.11.3 All Annotations  78

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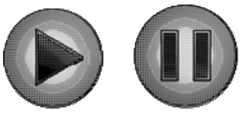
6.6.7 Play/Pause Switch Button  105
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1 Preface

Boox, presented by Onyx International, a group of professionals who dedicate themselves in designing state-of-the-art reading terminal.

The beauty of the Boox is embodied in both its simplicity and its power. As we are going to show you, Boox is an open and flexible platform for both consumers and content providers.

Boox is powered by an 8-level grayscale e-ink screen that looks and feels like paper. Passive lighting and diffuse surface relaxes your eyes and reduces eye strain. The hand-writing system lets you take notes while reading and sketch up ideas that happen to emerge. Boox takes full advantage of new-generation e-ink screens: extremely low power consumption. Each full charge can sustain a few weeks' reading. By reducing paper consumption while providing a realistic paper-like reading experience, digital content helps to protect the environment without sacrificing convenience or life style.

Boox comes with viewers for most popular ebook and image formats, including PDF, HTML, CHM, EPub, TXT, and MobiPocket(NON-DRM). For content partners, we also provide support for custom formats and digital rights management solutions. All of our viewers have standard features such as layout management, font adjustment, full text search, zooming, and page flow.

For a next-generation information device, connectivity is essential. The user can connect to the Internet with build-in WiFi or other add-on modules to download new content or just surf the web. The web browser on Boox uses WebKit, the same software

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engine that powers desktop browsers such as Safari and Chrome, customized for the e-ink screen.

Boox, the new reading experience.

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2 Guidelines

Please read this manual before using the product.

The product should only be used in the manner described in this manual.

The latest downloads and information are available at our website: www.onyx-international.com.

The outer layer of the display is scratch resistant, but if handled roughly it can still be damaged.

Operating temperature is 0°C to 50°C

Storage temperature is –20°C to 70°C

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3 Precautions

Avoid applying excessive force to the display. The device uses a glass based display is thus liable to break if mistreated.

Never open the device as this will invalidate any warranty or manufacturer's responsibility. Please contact your Onyx retailer if you have any technical difficulties.

Do NOT expose the device to excessive moisture, rain or heat sources caused by heating equipment.

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4 Components

4.1 Boox 60

4.2 Power Adaptor

4.3 USB Cable

4.4 Cover

4.5 SD Card

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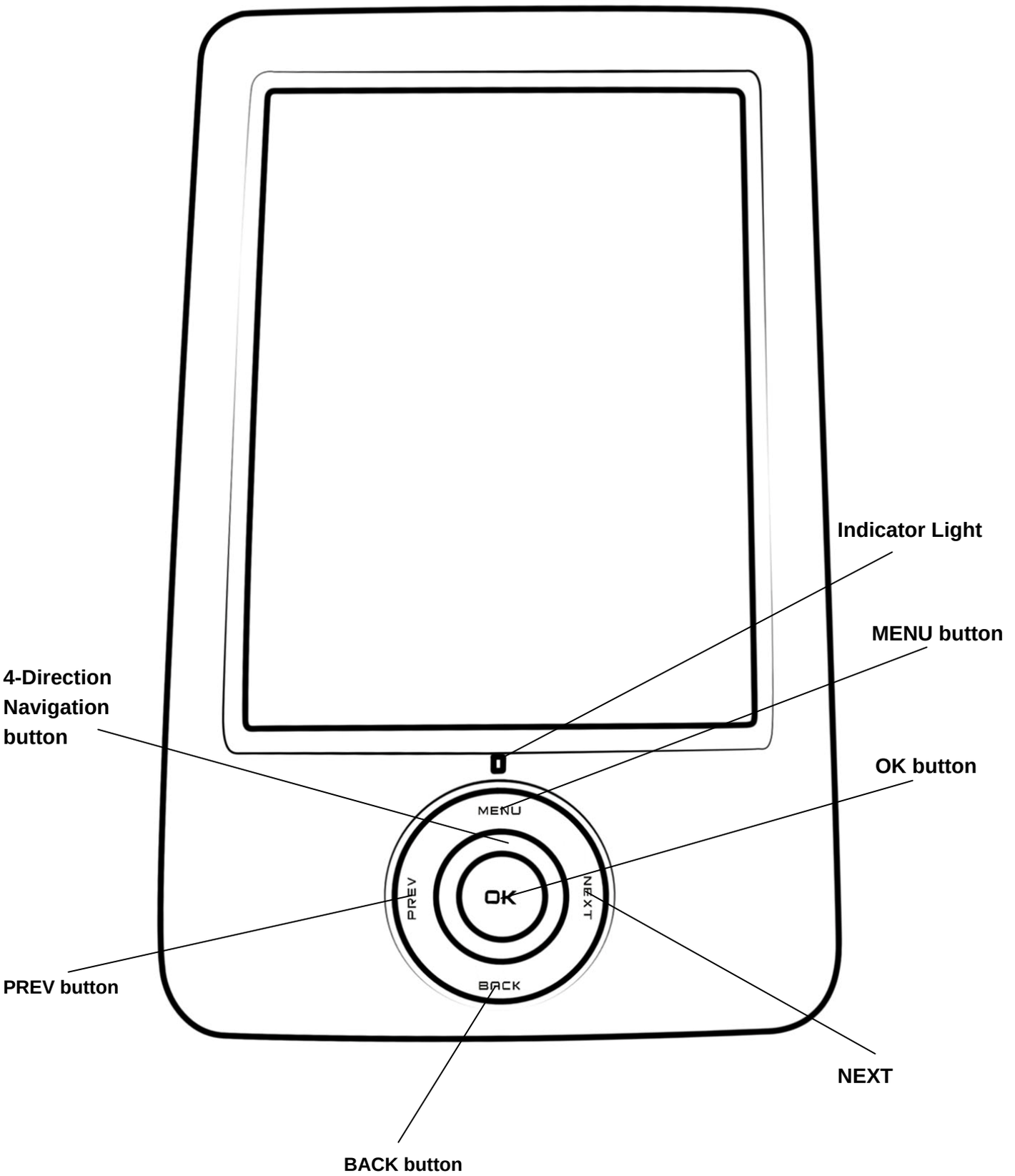
5 Boox



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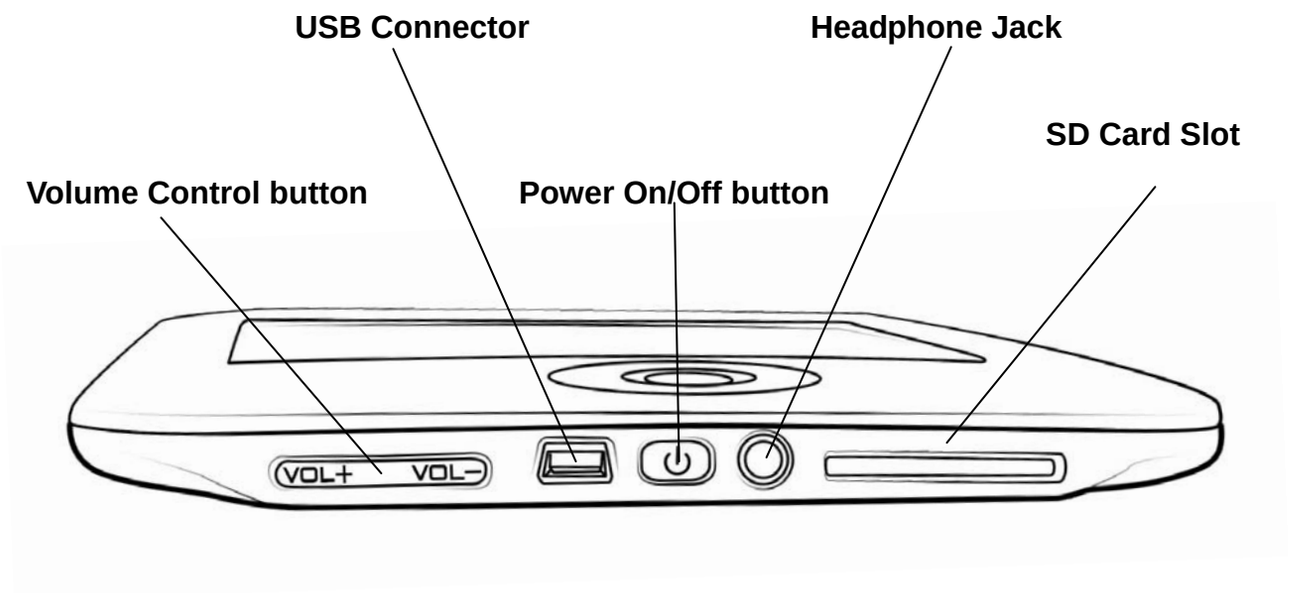

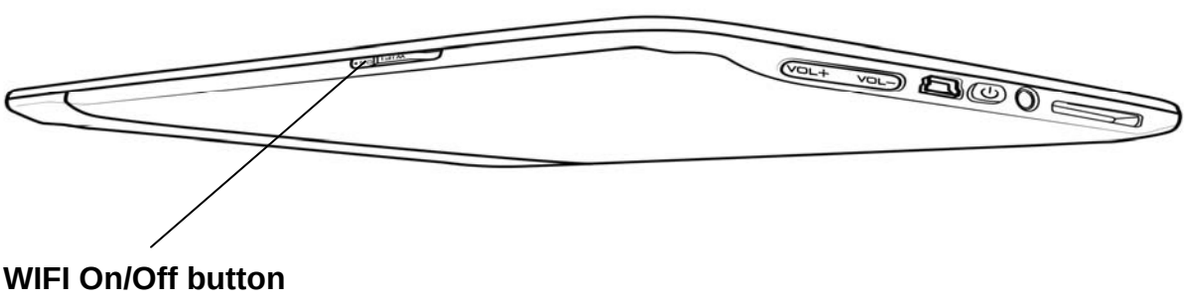

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5.1 Power Key

- **Press the power key to turn device on**
- **Press the power key and hold for 2 seconds to turn device off, similar as selecting showdown item in menu**
- **Press the power key and release it immediately, device turns into sleep mode.**

5.2 MENU Key

- **Press the menu key to pop up the menu.**
- **Similar as tapping icon with stylus**

5.3 BACK Key

- **Return from current application**
- **Return from current view or dialog**
- **Turn back to the parent directory**

5.4 NEXT Key

- **Flip to next screen while viewing document**
- **Flip to next screen while browsing documents in main view**

5.5 PREV Key

- **Flip to previous screen while viewing document**
- **Flip to previous screen while browsing documents in main view**

5.6 Direction Key

- **Navigate items on current screen, e.g. navigate from *Library* to *SD Card* by pressing**

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RIGHT key

- **Turn back to previous view or forward to next view while reading PDF/EPub documents**
- **Turn back to previous web page or forward to next page while browsing the website.**

5.7 Volume Keys

- **Increase the volume by pressing key *Vol+***
- **Decrease the volume by pressing key *Vol-***

5.8 Wifi Key

- **Turn on the wifi by sliding the wifi key from bottom to top**
- **Turn off the wifi by sliding the wifi key from top to bottom**

5.9 Headphone Jack

Diameter of the headphone jack is 3.5mm.

5.10 Indicator Light

The indicator light is on while charging.

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6 User Interface

6.1 Main View

Like the desktop of the most popular PC OS, main view of Boox provides entries to access the storages, device settings and common websites.

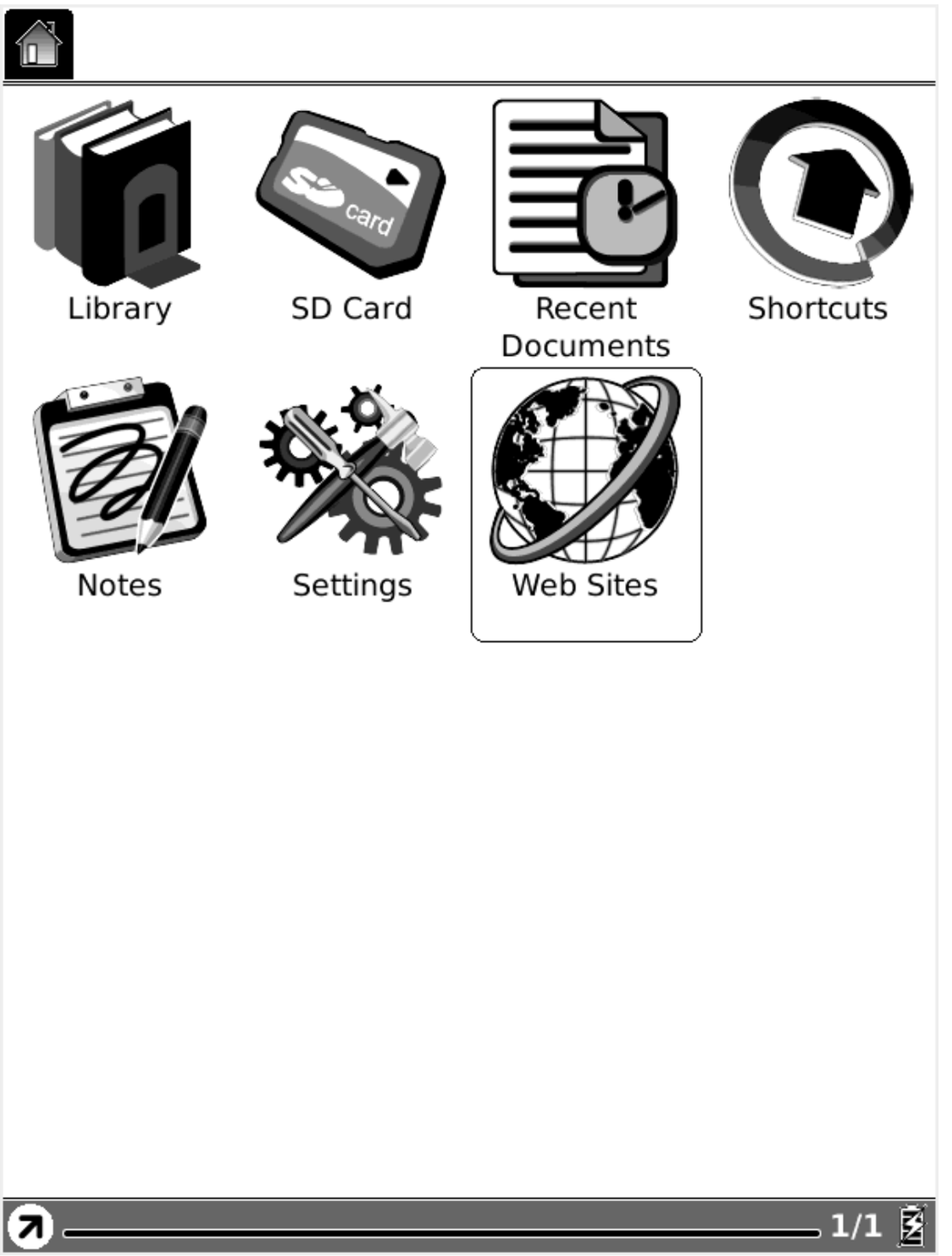

Fig. 6.1 Snapshot of Main View

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6.1.1 Internal Flash

Select the Internal Flash button (by stylus or keyboard), all of the items stored in internal flash are retrieved.

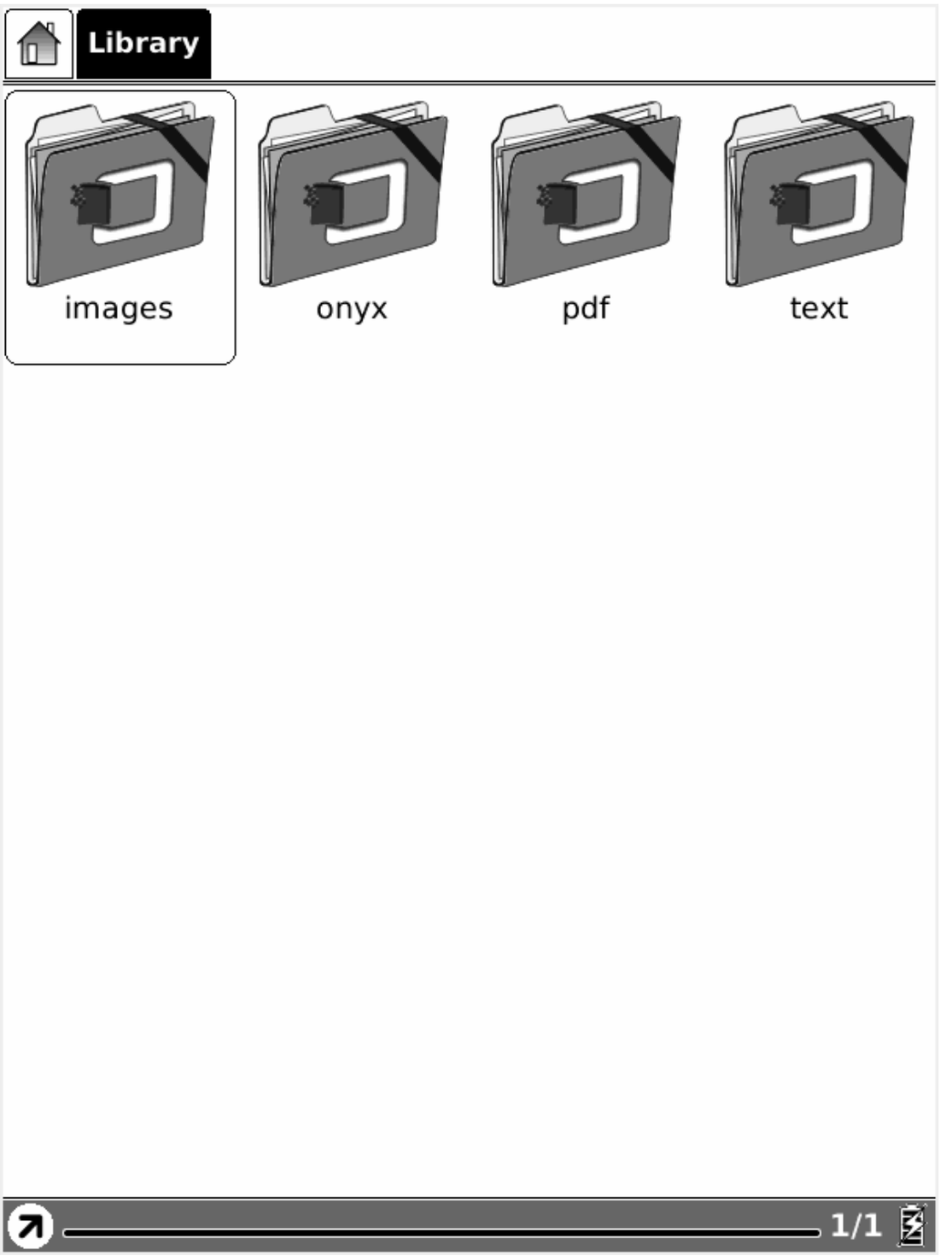

Fig. 6.1.1 Snapshot of Internal Flash View

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6.1.2 SD Card

Select the SD Card button, all of the items stored in SD card are retrieved.

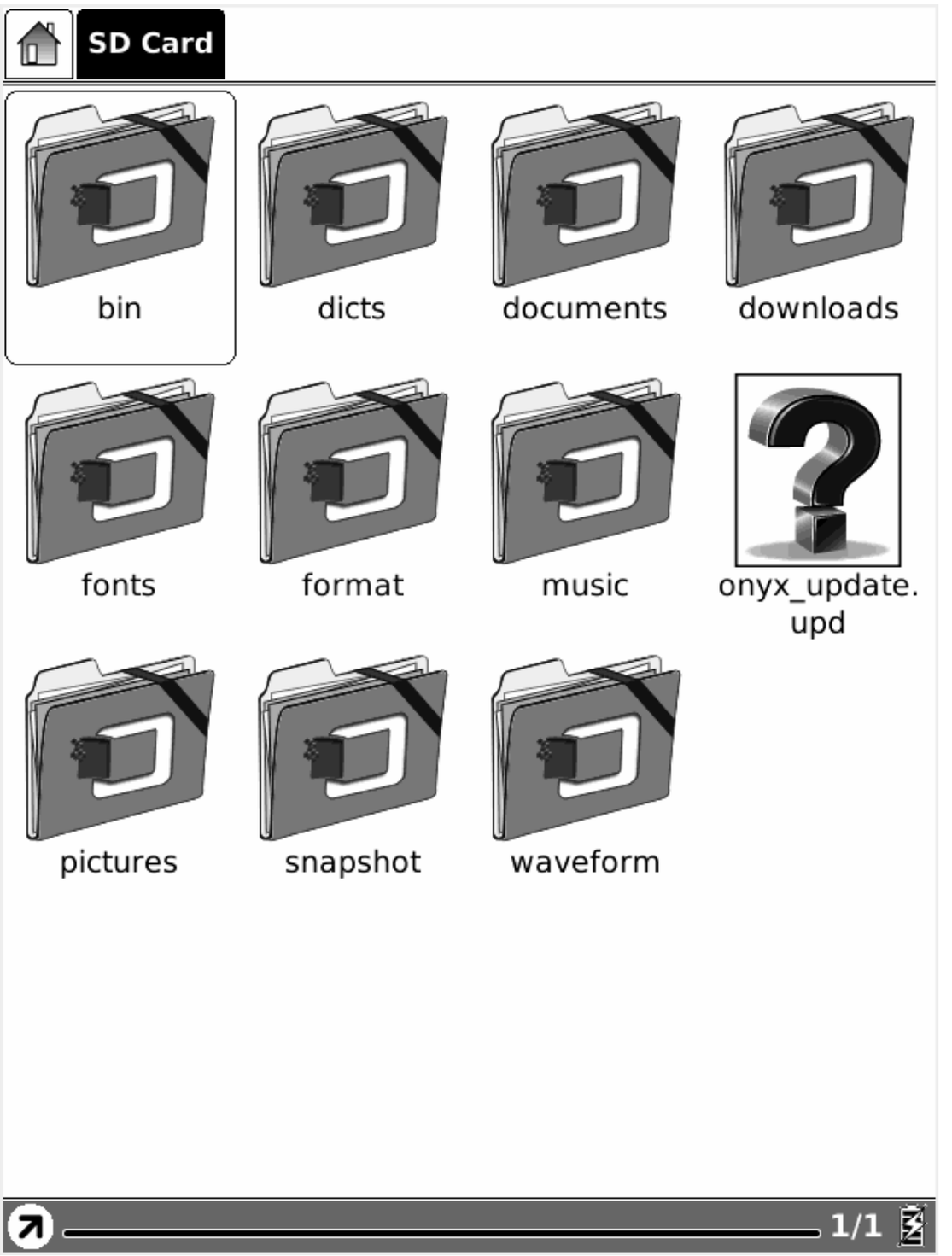

Fig. 6.1.2 Snapshot of SD Card View

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6.1.3 Recent Document

Select the Recent Document button, all of the recent read documents are displayed.

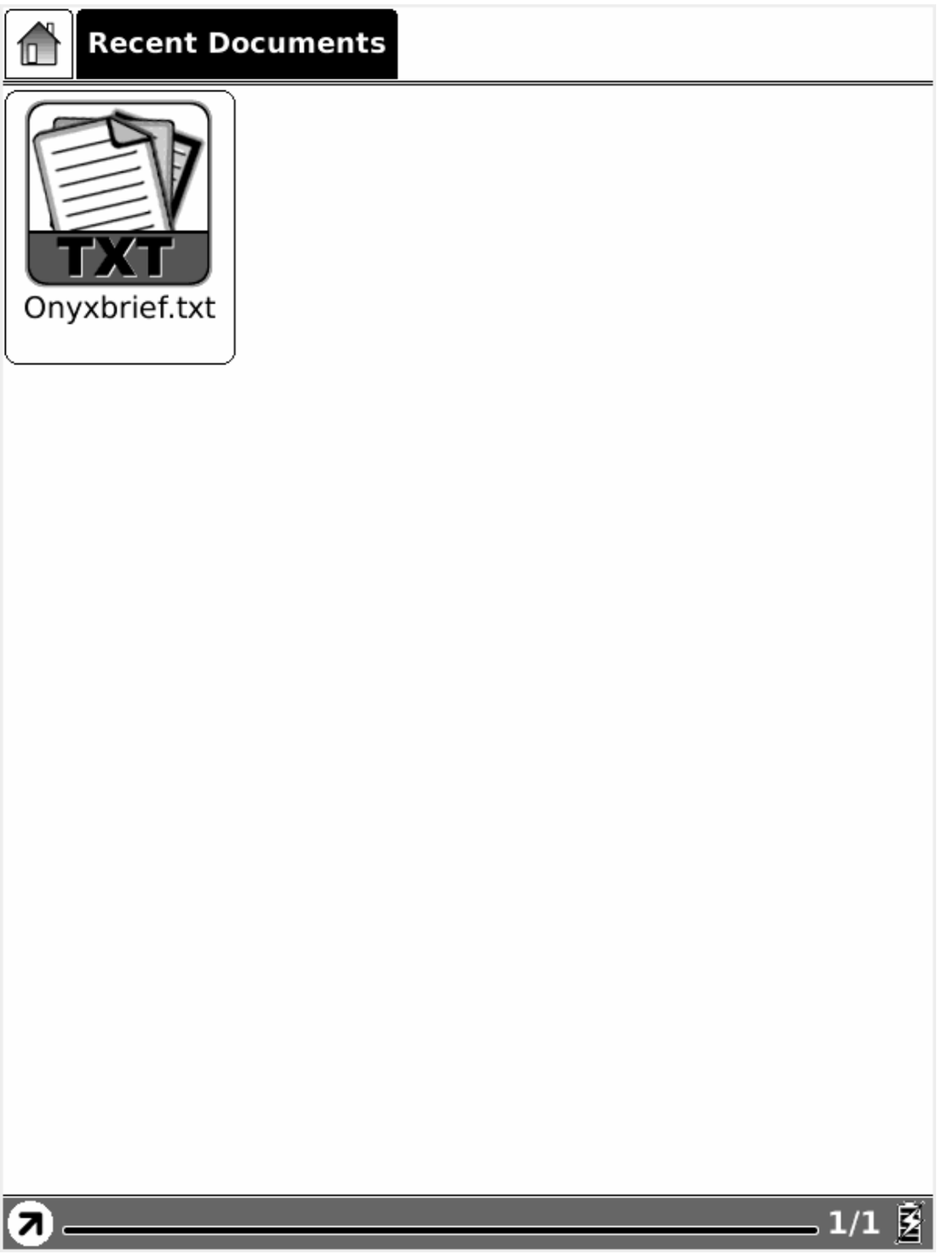

Fig. 6.1.3 Snapshot of Recent Document View

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6.1.4 Shortcuts

Select button Shortcuts, all of the shortcuts to specified applications or documents are displayed in a single view. Once you create shortcut for an application or a document, you can easily start or open it by Shortcuts function.

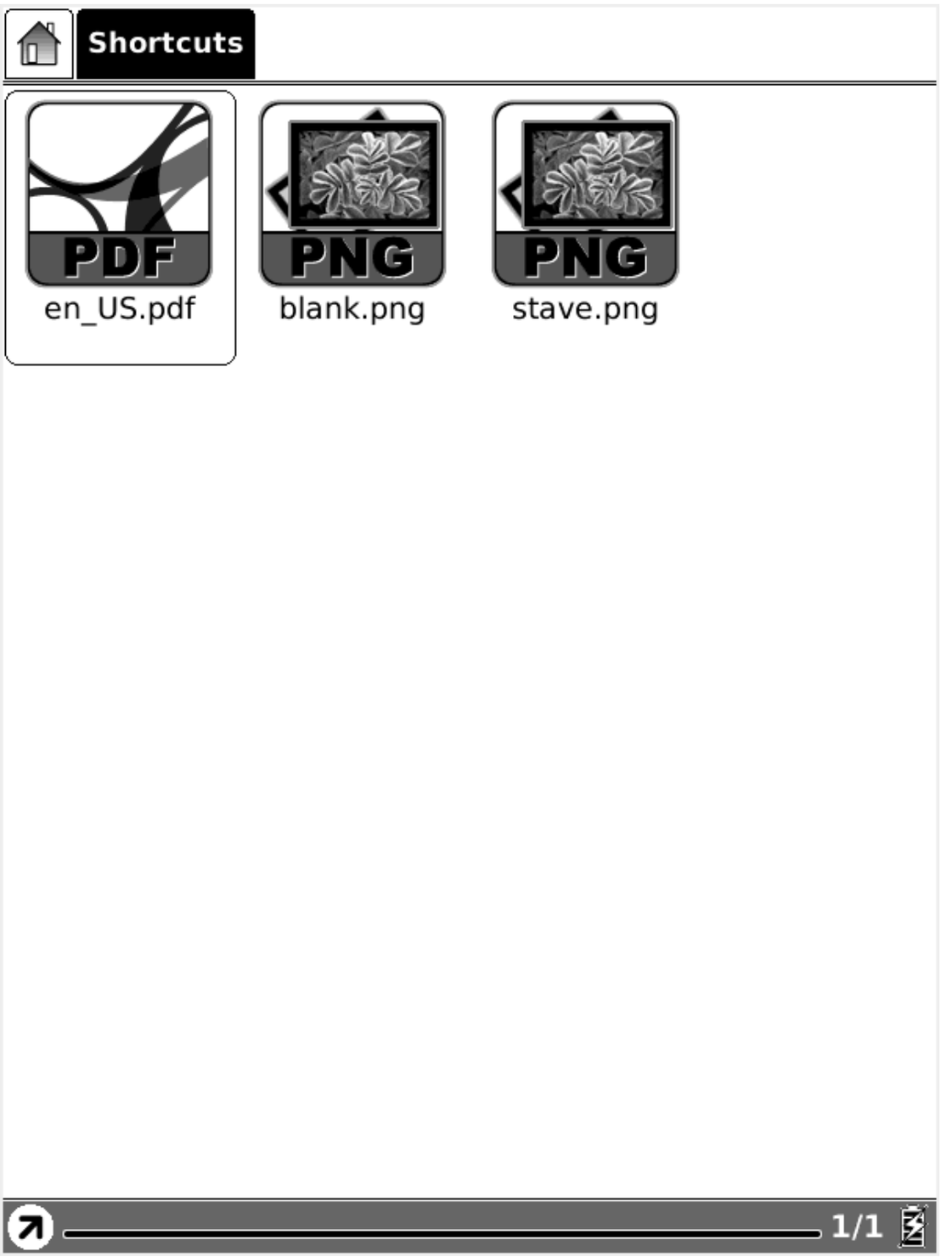

Fig. 6.1.4 Snapshot of Shortcuts View

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6.1.5 Notes

Select button Notes, you can create a new notepad or open the existing notes.

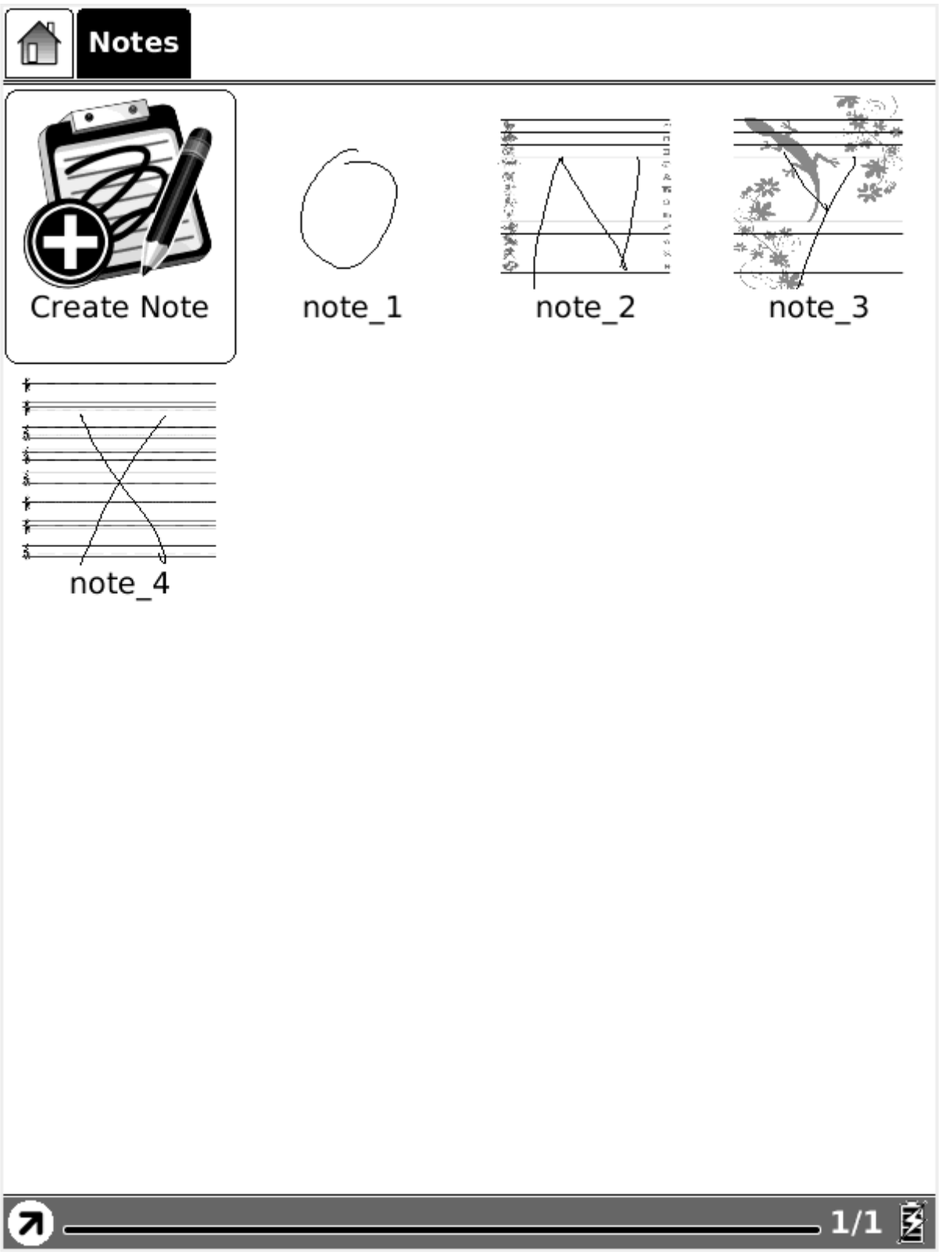

Fig. 6.1.5 Snapshot of Notes View

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6.1.5.1 Create Note

Create a new notepad. Before you sketch any ideas on Boox 60, a dialog pops up letting you select the background of notes, as shown in Fig. 6.1.5.1.

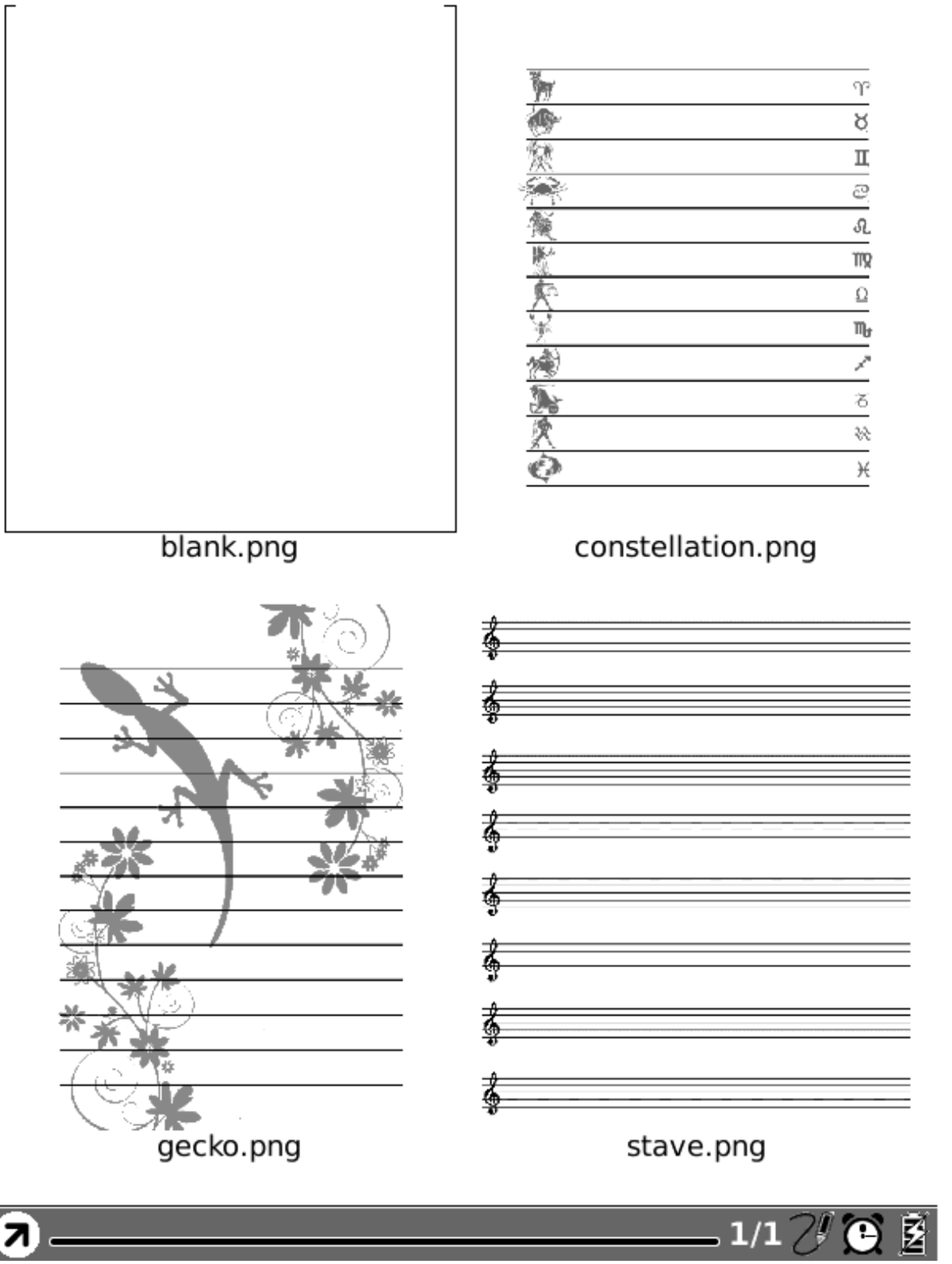

Fig. 6.1.5.1 Snapshot of Selecting Background

Note: You can customize any backgrounds as you like. The steps are:

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1. Create a folder notes_template in your SD card.

2. Put the background images in that folder. Onyx recommends you use images with dimensions 600 × 800 then you will get best performance.

6.1.5.2 Open Existing Notes

Any notes are saved in internal flash of Boox 60. You can see and open them in Notes view, just like opening a normal document. The thumbnail of first sketched page will be display in Notes view.

6.1.6 Settings

Select Settings button, you can enter the device settings view. Now the configuration of date, locale, power management are supported. Stylus calibration, format flash and about view are also listed here.

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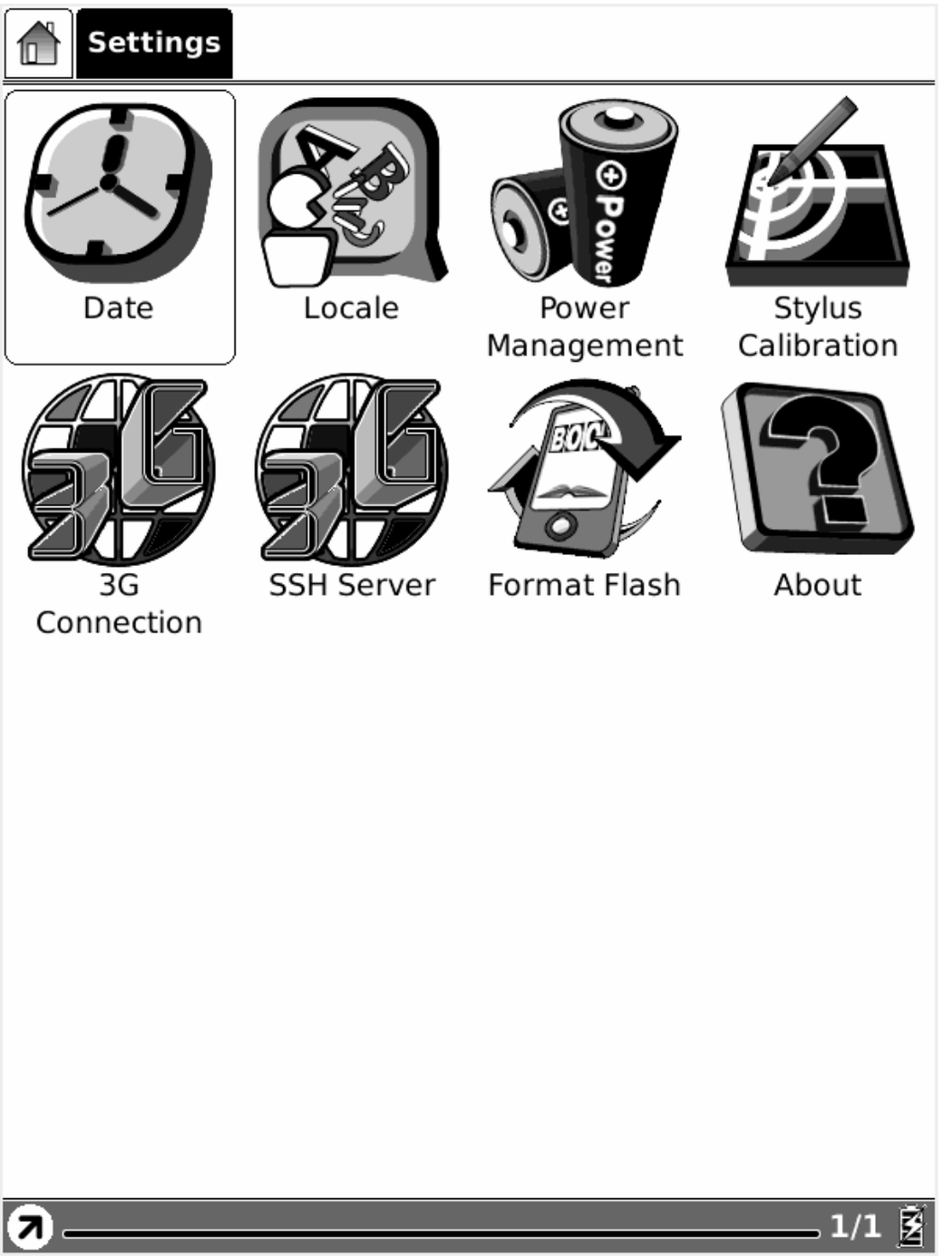

Fig. 6.1.4 Settings

6.1.6.1 Date

Select the Date button in settings, you can set current date (year, month, day) and time (hour, minute, second) of device.

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Fig. 6.1.6.1 Data Configuration Dialog

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6.1.6.2 Time Zone

Select button Time Zone in settings, you can update time zone setting on Boox 60. The time zone setting is very IMPORTANT for DRM functionalities so make sure your device is set to correct time zone.

Fig.6.1.6.2 Time Zone Settings

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6.1.6.3 Locale

Select the Locale Button in settings, you can set the current operation language of the device.

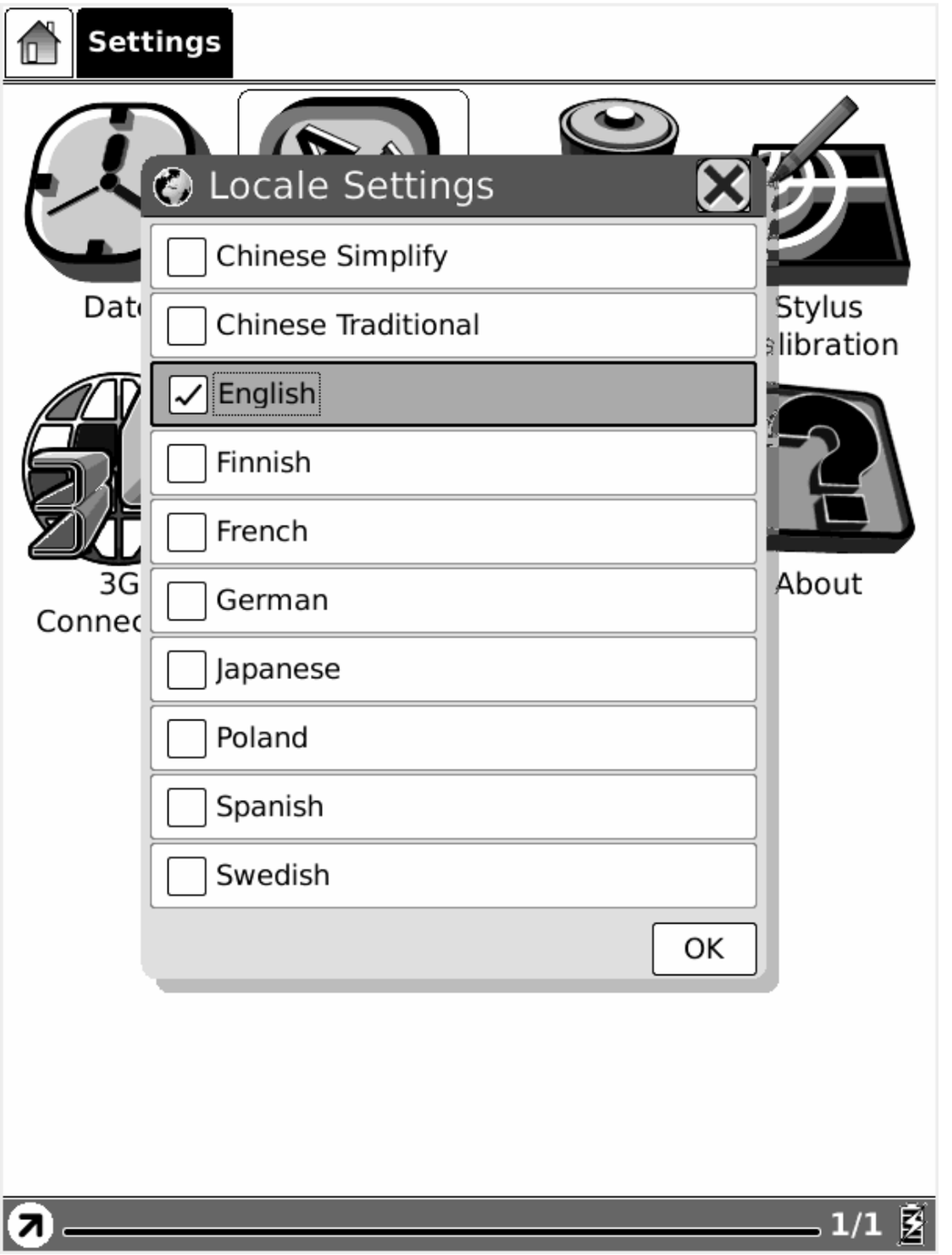

Fig. 6.1.6.3 Locale Dialog

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6.1.6.4 Power Management

Select the Power Management button in settings, you can set the (waiting) time of standby and automatically shutdown for the device. Note, if the time of shutdown is set, the device won't enter standby status anymore; in the other side, if you set the time of standby, the device won't shutdown automatically.

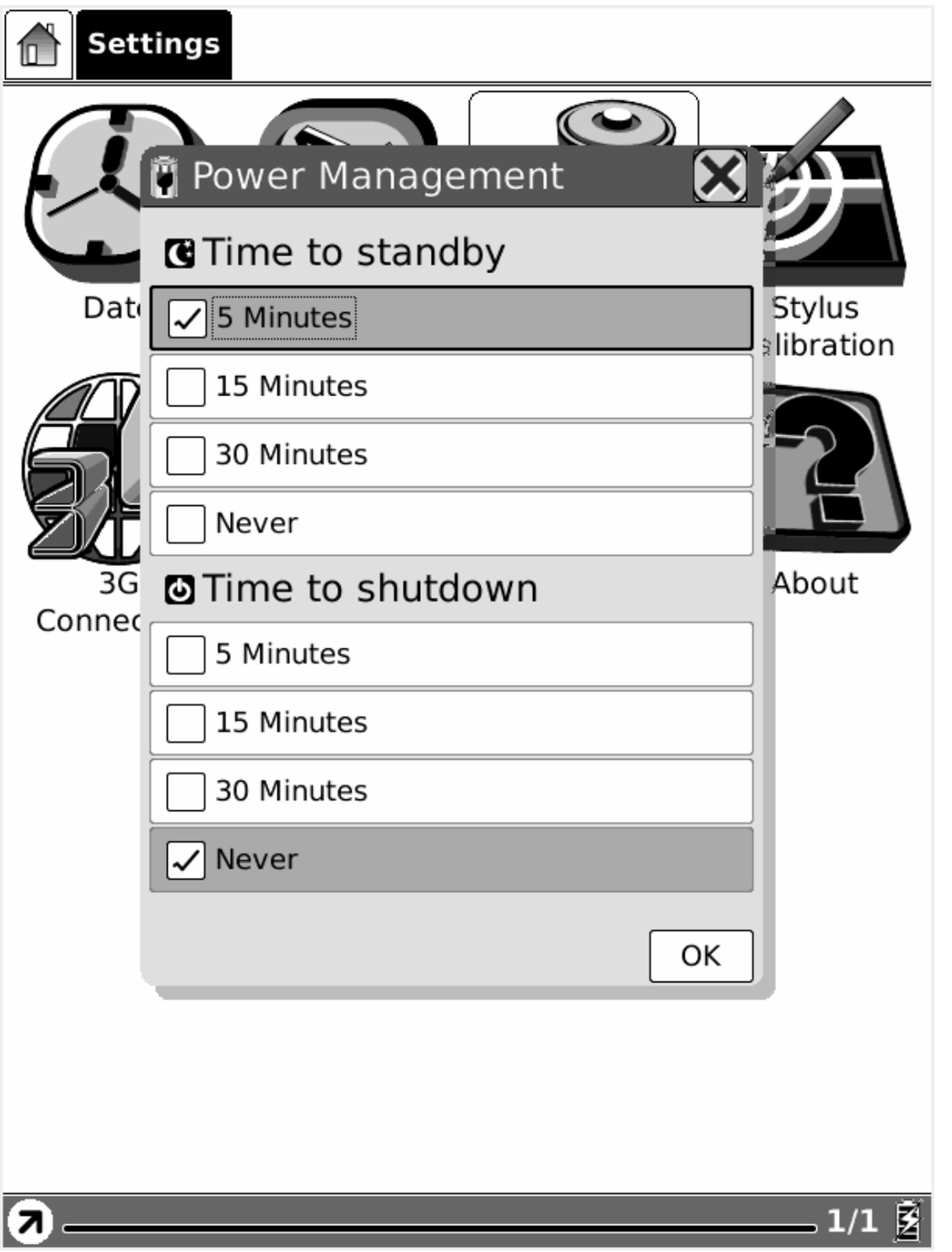

Fig. 6.1.6.4 Power Management Dialog

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6.1.6.5 Stylus Calibration

If the tip of your stylus does not match with the position on the screen, you can improve the precision by stylus calibration.

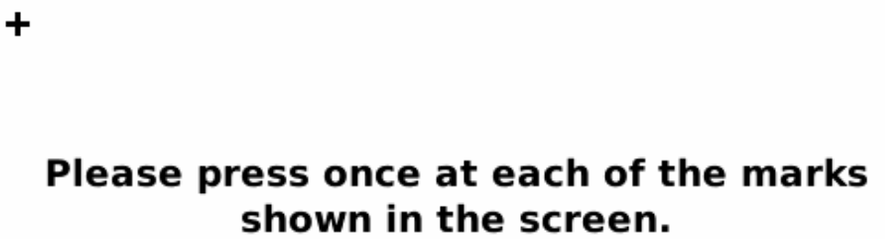

Fig. 6.1.6.5 (1) Initial Screen of Stylus Calibration

Follow the guideline displayed on the screen: ‘Please press once at each of the marks shown on the screen’. After you click on the center of the mark, the screen will refresh

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and you will be asked to do the same action for next point.

Fig. 6.1.6.5 (2) Snapshot of Step 1

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Fig. 6.1.6.5 (3) Snapshot of Step 2

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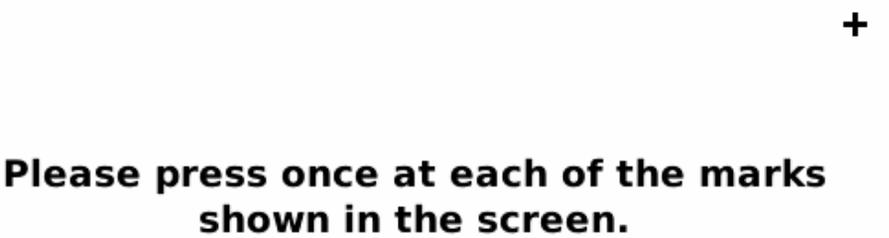

Fig. 6.1.6.5 (4) Snapshot of Step 3

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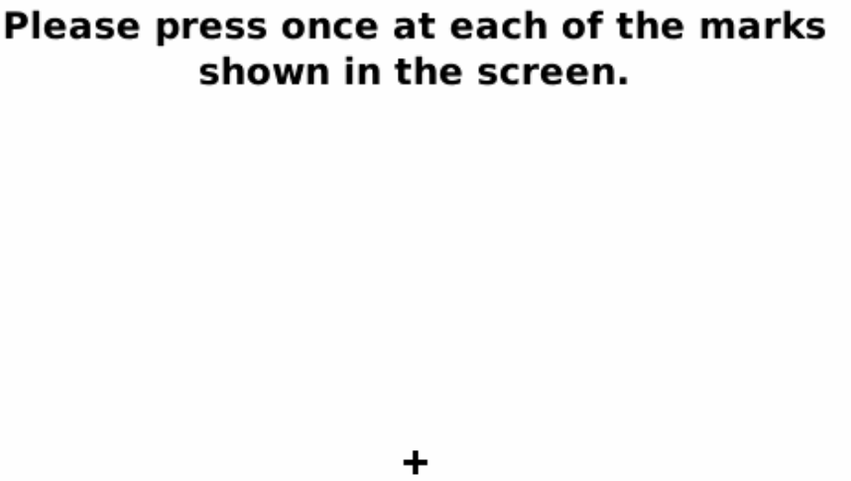

Fig. 6.1.6.5 (5) Snapshot of Step 4

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6.1.6.6 Format Flash

Select Format Flash button in settings, you can format the internal flash. Note, after doing this operation all of the data in internal flash would be removed.

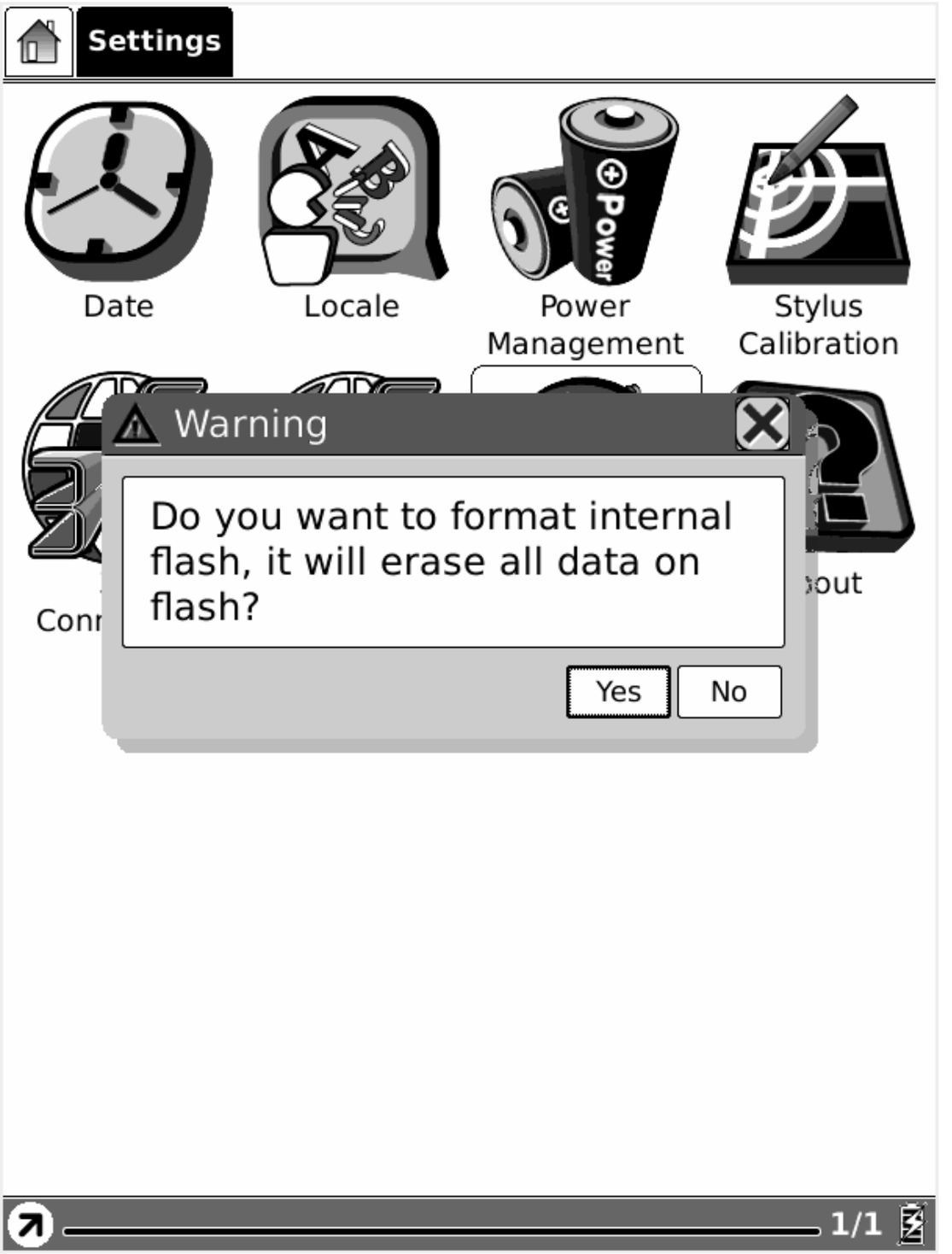

Fig. 6.1.6.6 Snapshot of Formatting Flash

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6.1.6.7 About

Select About button to see the information of Onyx International and Onyx's partners.

Fig. 6.1.6.7 Snapshot of About Dialog

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6.1.7 Web sites

Boox provides entries to access the most common websites.

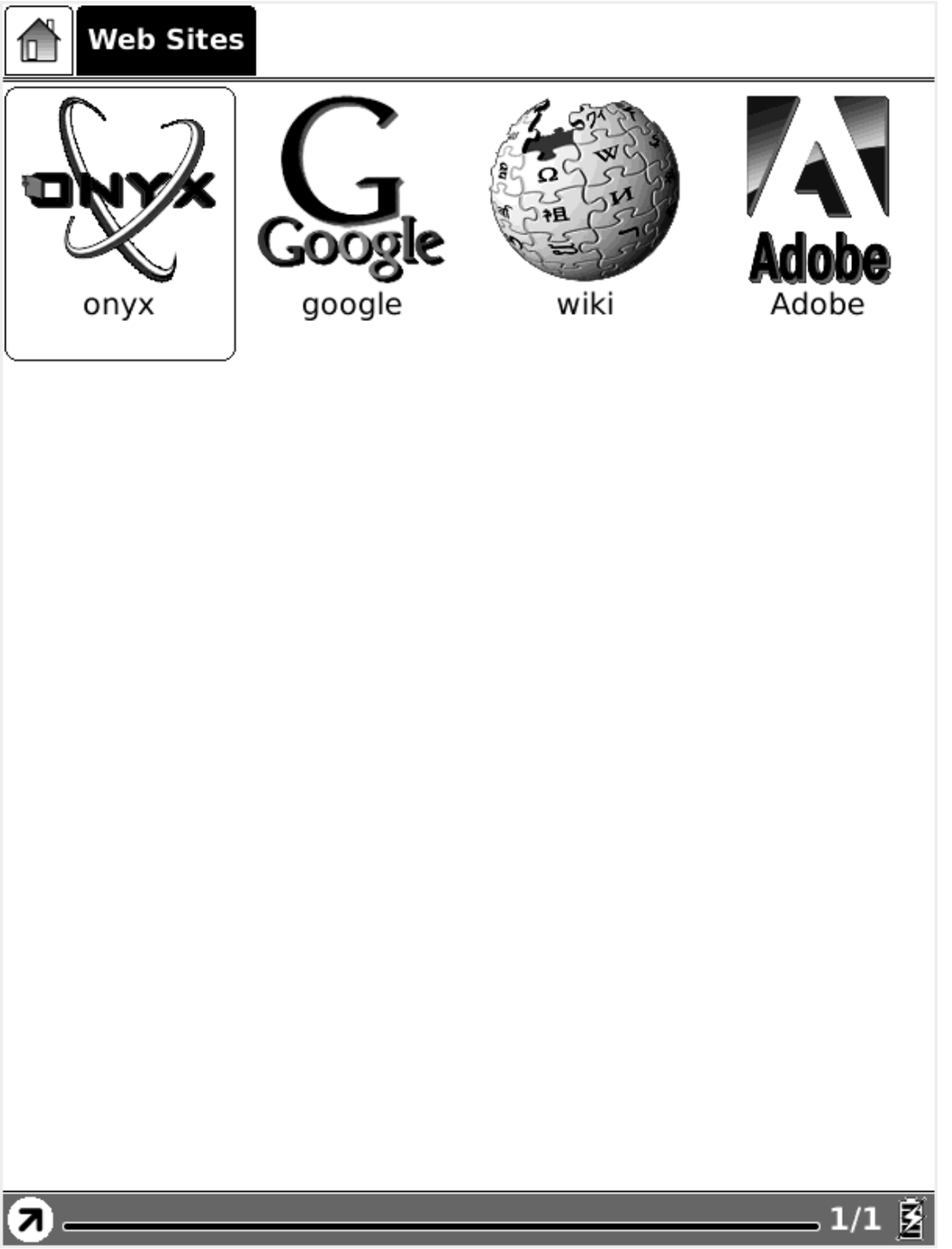

Fig. 6.1.7 Common Websites

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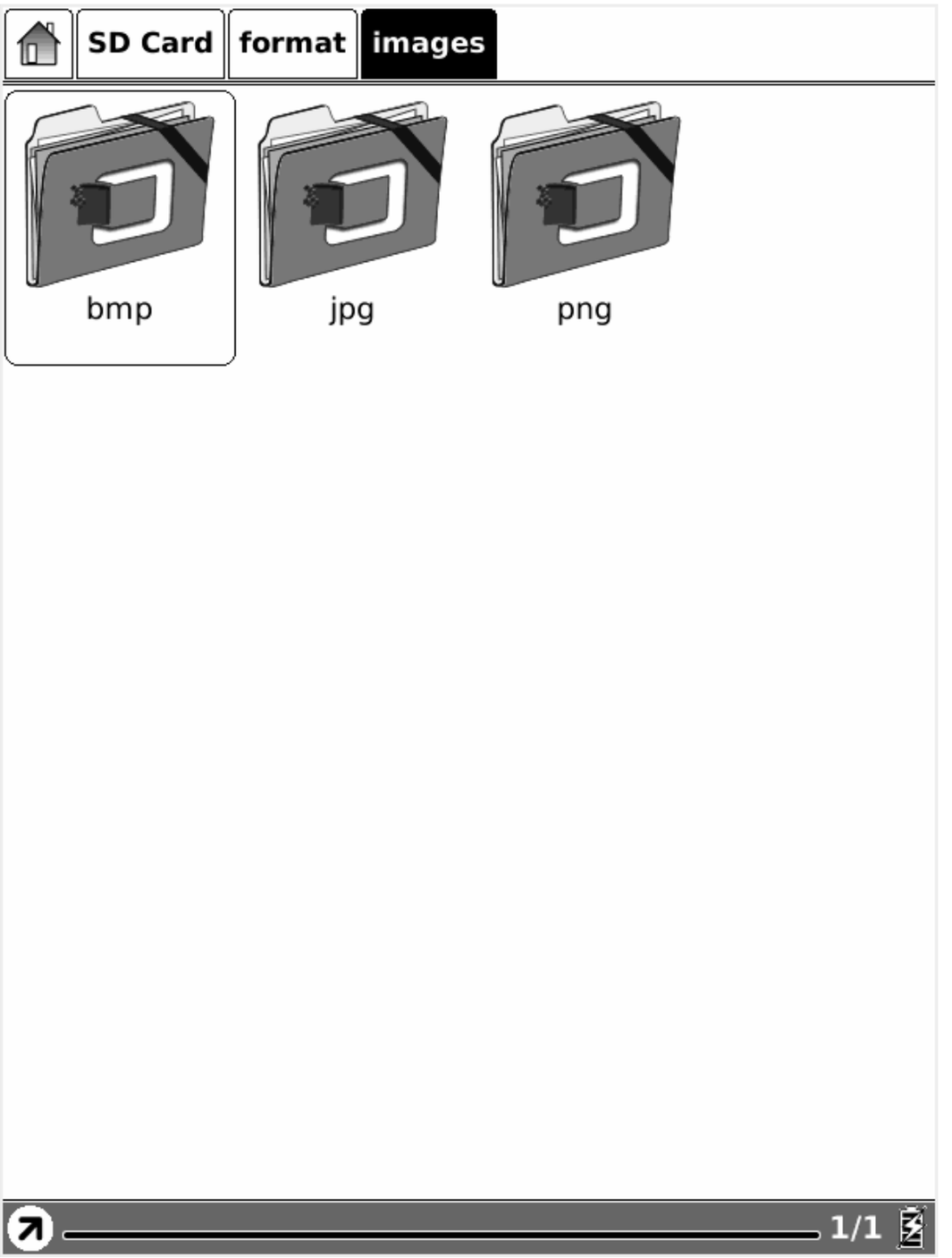
6.2 Navigation Bar

Navigation bar displays the path of document. Each folder in this path is displayed as a button. You can jump into any parent folder by clicking the button.



Fig, 6.2 Snapshot of Navigation Bar

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6.3 Tool Bar

Fig. 6.3 Snapshot of Tool Bar

6.3.1 Menu Button

Select the Menu button then the menu pops up. Most of the operations to Boox should be done by accessing the menu.

6.3.2 Progress Bar

Progress bar displays the reading progress of viewing documents. The number of current page and the total pages are displayed on the right of the progress bar. Clicking or dragging on the progress bar leads to flipping screens.

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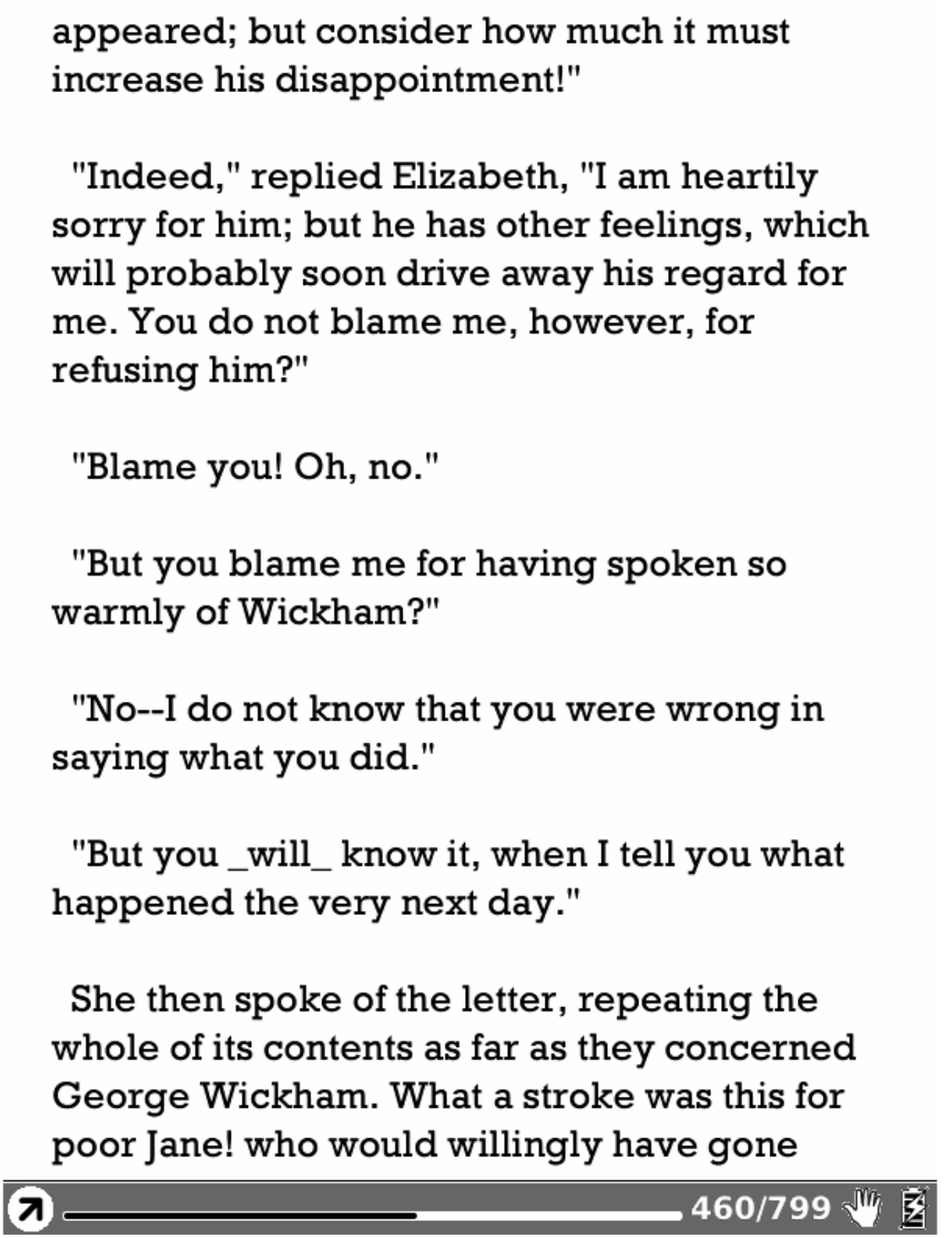

Fig. 6.3.2 (1) Snapshot of Progress Bar while Viewing Document

Progress bar displays the progress of viewing contents in main view. The number of current screen and the total screens are displayed on the right of the progress bar.

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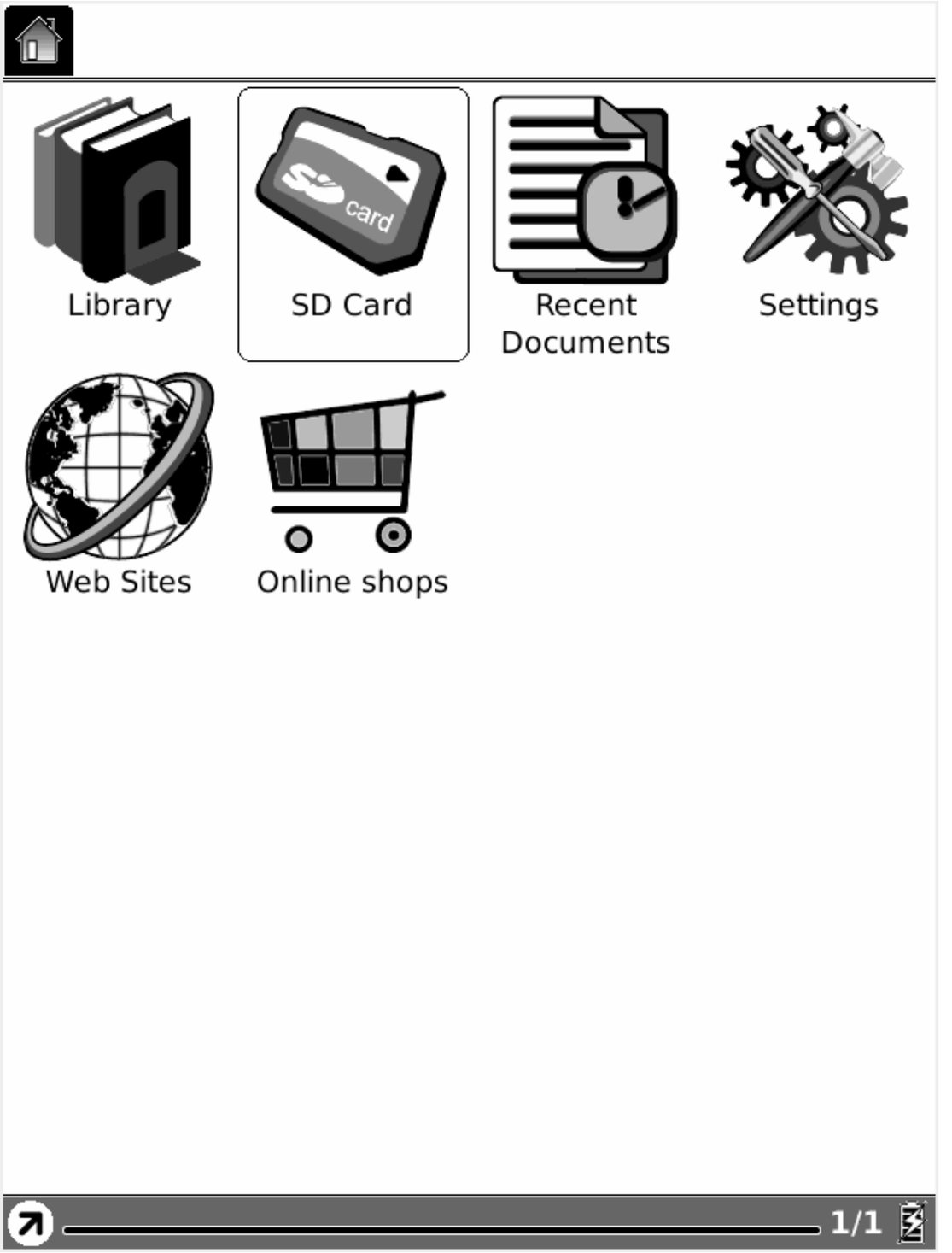

Fig. 6.3.2 (2) Snapshot of Progress Bar in Main View

Progress bar displays the progress (in ratio) of loading a website.

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Fig. 6.3.2 (3) Snapshot of Progress Bar while Loading Website

Progress bar displays the relative position of current viewport while viewing a website.

Clicking or dragging on the progress bar leads to moving the viewport.

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Fig. 6.3.3 (3) Snapshot of Progress Bar while Viewing Website

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6.3.3 Stylus Indicator

The stylus indicator is shown while viewing PDF/EPub/Image document.

6.3.3.1 Sketch

This icon appears when device enters sketch status. You can sketch on the drawing area of the screen.

6.3.3.2 Erase Sketches

This icon appears when device enters erasing sketch status. You can erase the sketches displayed on screen. If the pen hits the notes, the notes disappear immediately.

6.3.3.3 Hand Tool

This icon appears when device enters dragging status. You can drag the content by stylus as using the hand.

6.3.3.4 Selection Zoom

This icon appears when device enters selection zoom status. You can zoom in the content you are interested by stylus. A box appears following the track of the pen, then the area of the box would be zoomed in to fit the screen.

6.3.3.5 Annotate

This icon appears when device enters annotation status. You can take annotations on the text-based content. The annotated texts are highlighted following the track of the

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pen.

6.3.3.6 Erase Annotations

This icon appears when device enters erasing annotation status. You can erase the annotations displayed on screen by stylus. If the pen hits the highlighted texts, the highlighting effect on these texts disappears.

6.3.4 Power Indicator

Power indicator shows current status of the battery.

6.3.5 Clock

The current date time as well as the reading time are displayed if you click the clock on toolbar.

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6.4.9.5 Erase Sketch

Erase existing sketches by stylus. The sketches are erased when you click on them or drag the stylus through them.

6.4.9.6 Sketch Colors

Select the color of sketches. Now black and white are supported.

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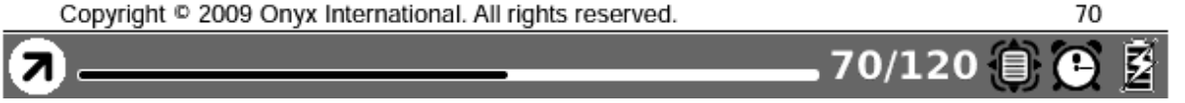

Fig.6.3.4 Snapshot of Clock

6.4 Menu

6.4.1 Screen Rotation

Rotate the screen by clicking this button. The screen rotates between 0° and 270°

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(counterclockwise).

6.4.2 Save Remove SD Card

Savely remove SD card from Boox by clicking this button.

6.4.3 Music

Launch the music player by clicking this button.

6.4.4 Standby

Turn Boox into standby status by clicking this button. Once standby, Boox stops working and screen saver (pictures) appears. Boox consumes very little power while standing by.

Pressing any key can wake up the device from standby status.

6.4.5 Shutdown

Shut down Boox by clicking this button.

6.4.6 View

View means the way of displaying and arranging contents in main view.

6.4.6.1 List View

Display the contents by listing. The name, type, size and last access time of the document are displayed.

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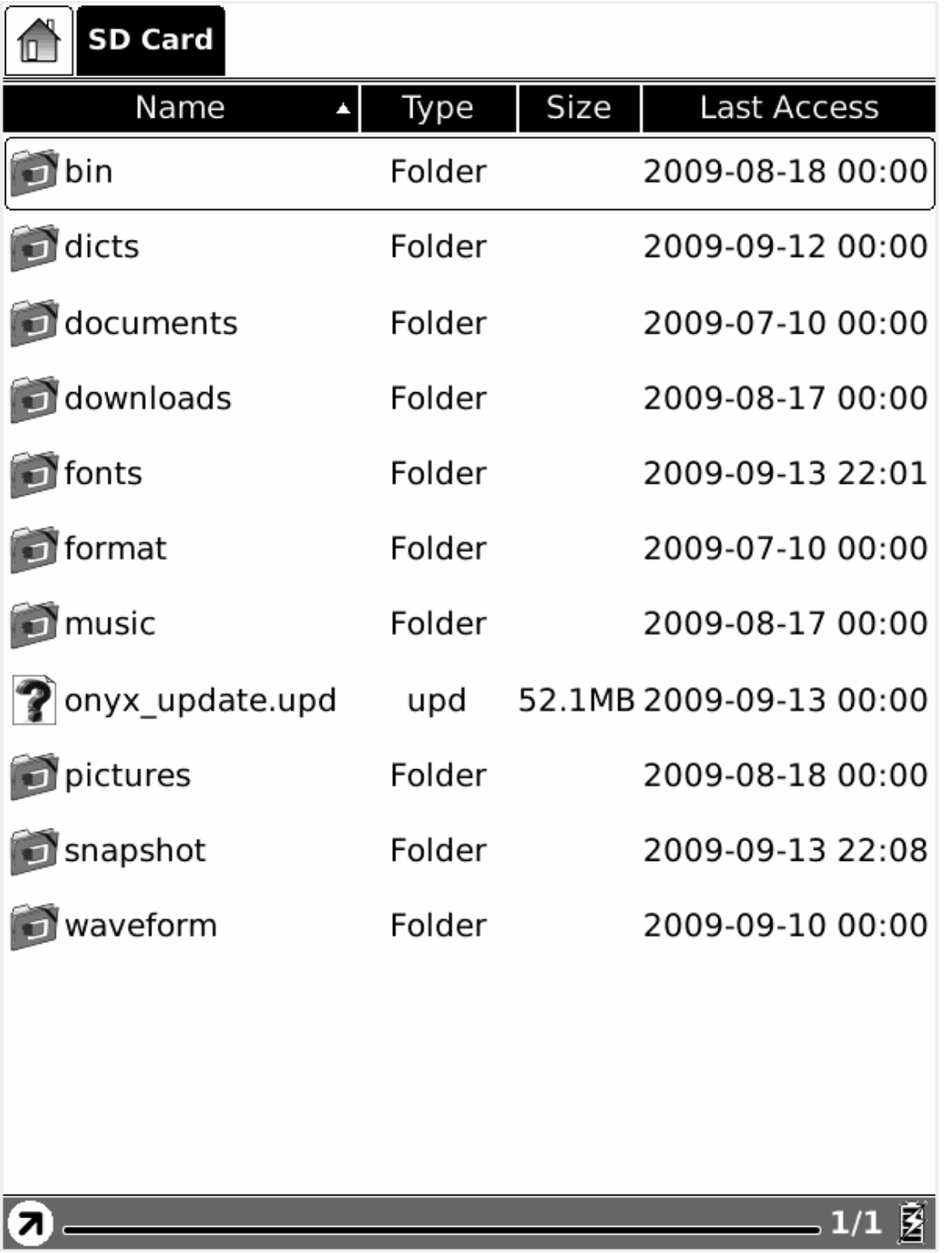

Fig. 6.4.6.1 Snapshot of List View

6.4.6.2 Details View

Display the contents in details. The details includes name, last access time, read count and reading progress.

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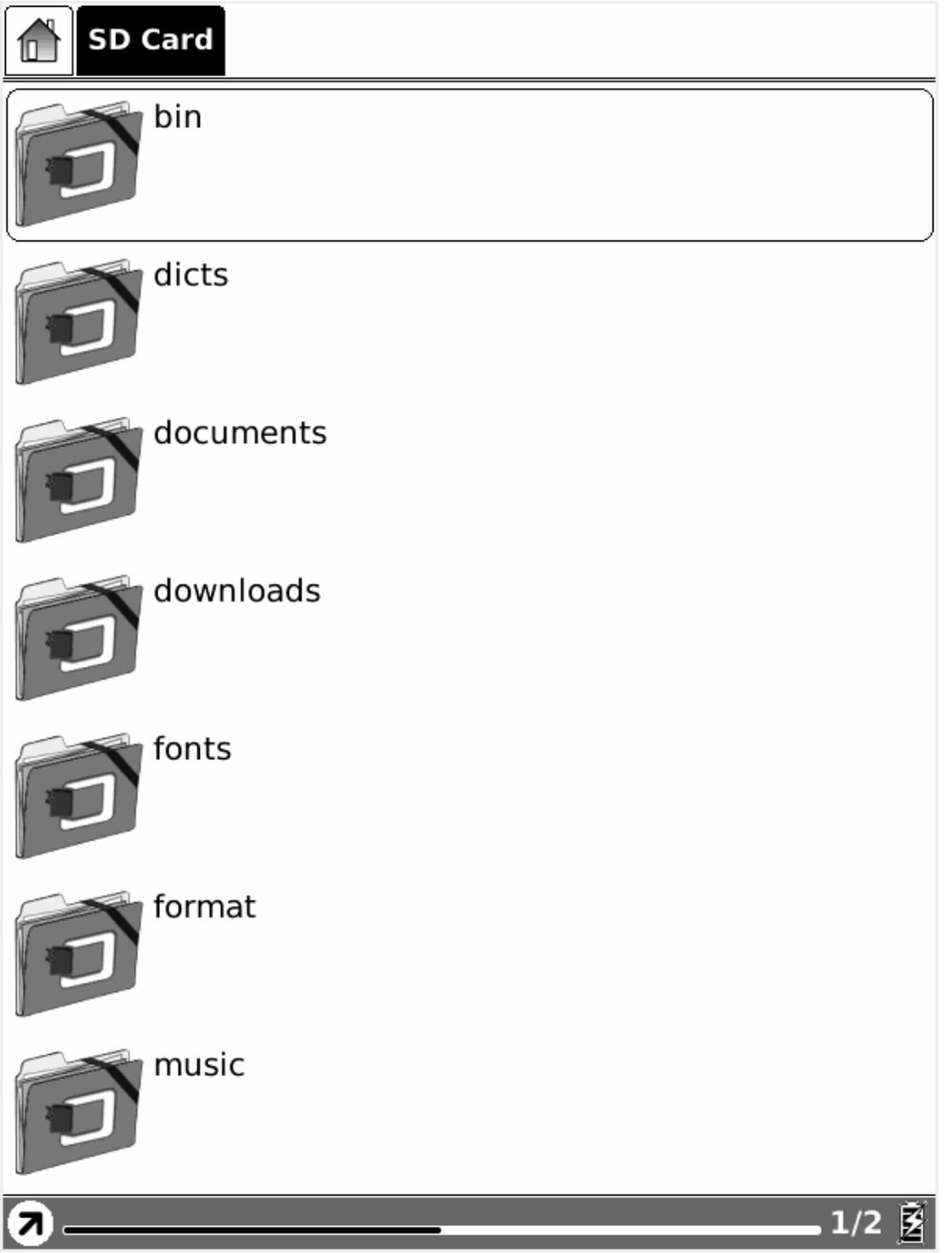

6.4.6.2 Snapshot of Details View

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6.4.6.3 Thumbnail View

Display the contents in thumbnails. For image format (including JPEG/BMP/PNG/…), the thumbnail of image is displayed. For other document format, the large icon of the format is displayed.

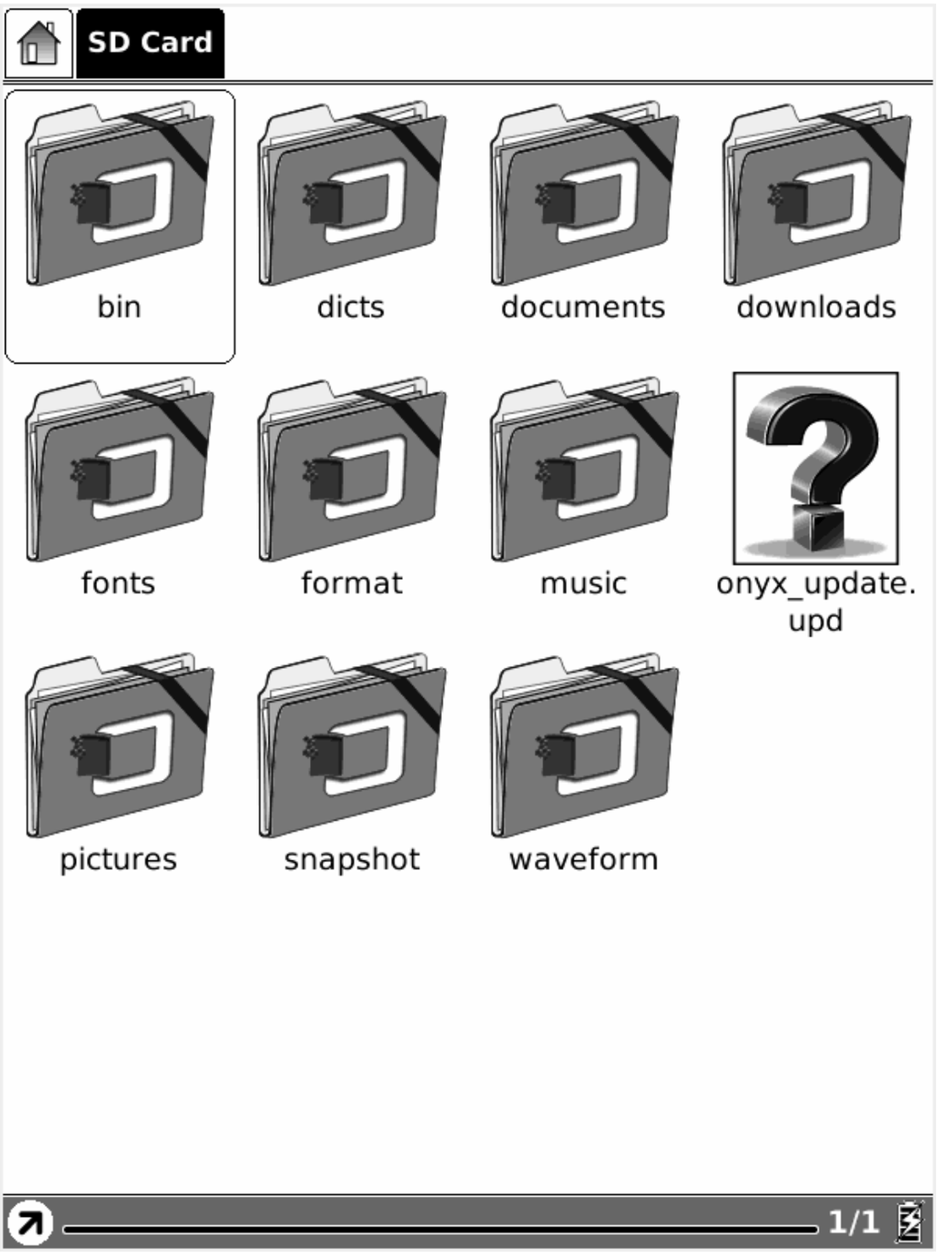

Fig. 6.4.6.3 Snapshot of Thumbnail View

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6.4.6.4 By Name

Sort the contents in current directory by name.

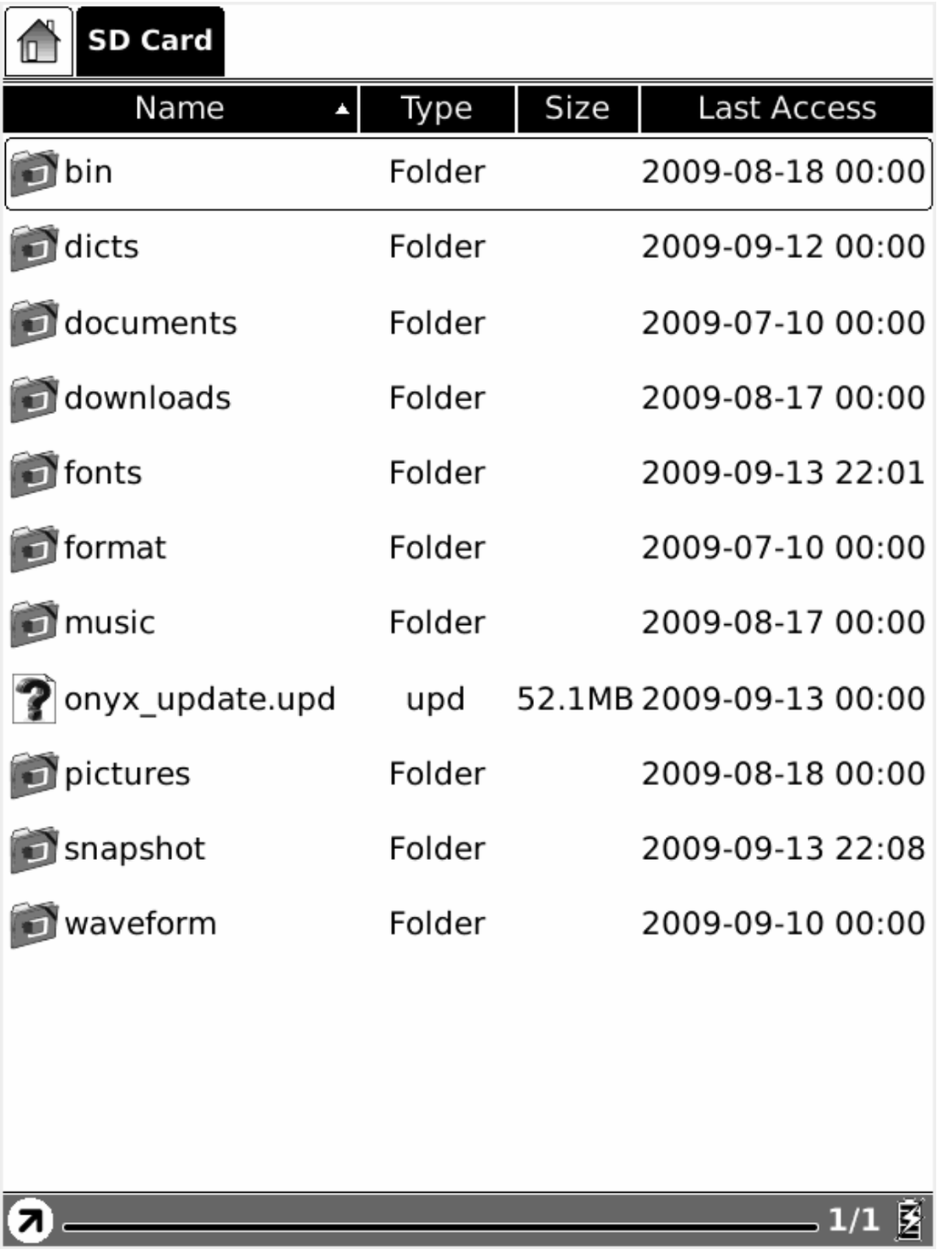

Fig. 6.4.6.4 Snapshot of Sorting the Contents in Current Directory by Name

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6.4.6.5 By Type

Sort the contents in current directory by document type.

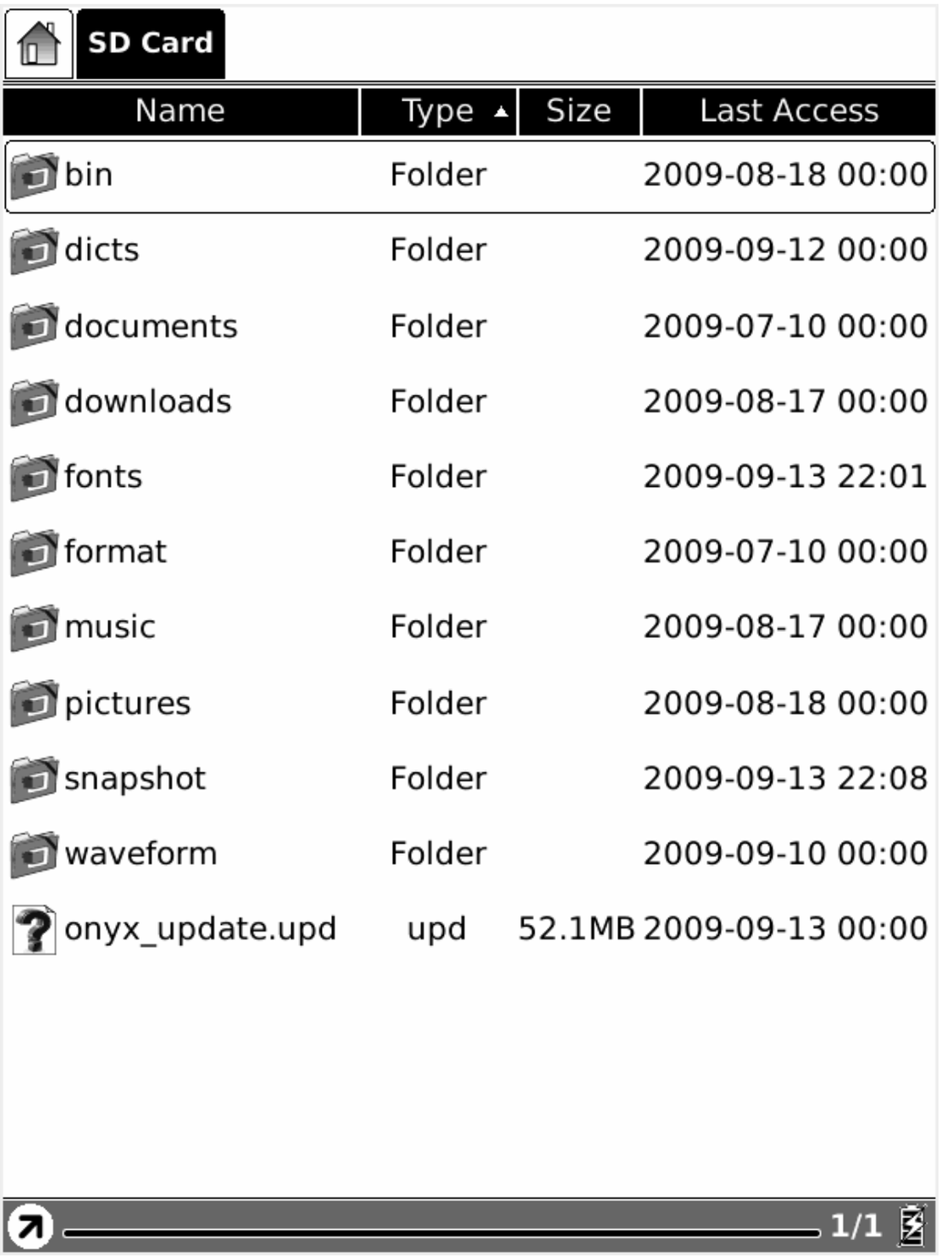

Fig. 6.4.6.5 Snapshot of Sorting the Contents in Current Directory by Type

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6.4.6.6 By Size

Sort the contents in current directory by document size.

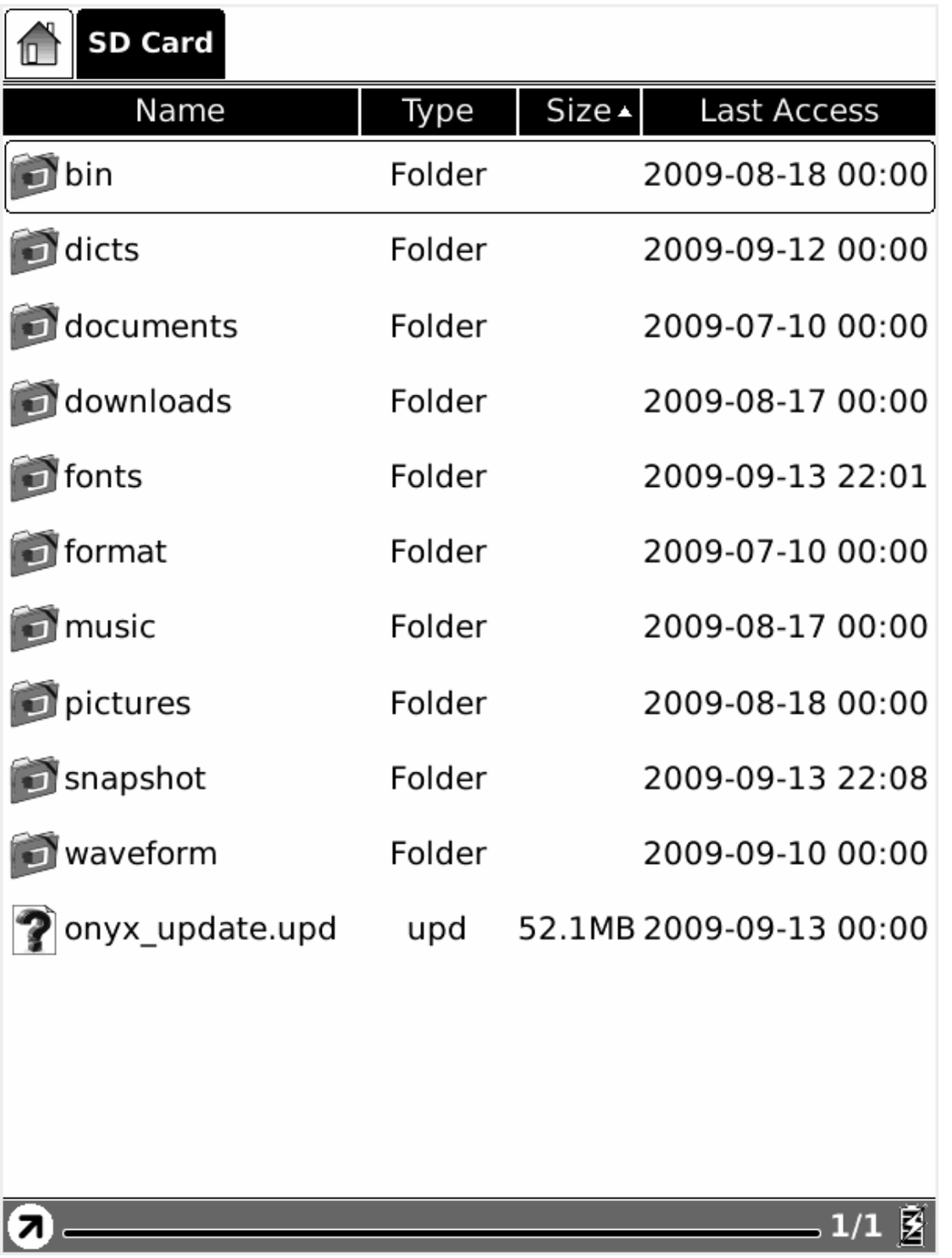

Fig. 6.4.6.6 Snapshot of Sorting the Contents in Current Directory by Size

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6.4.6.7 By Access Time

Sort the contents in current directory by access time.

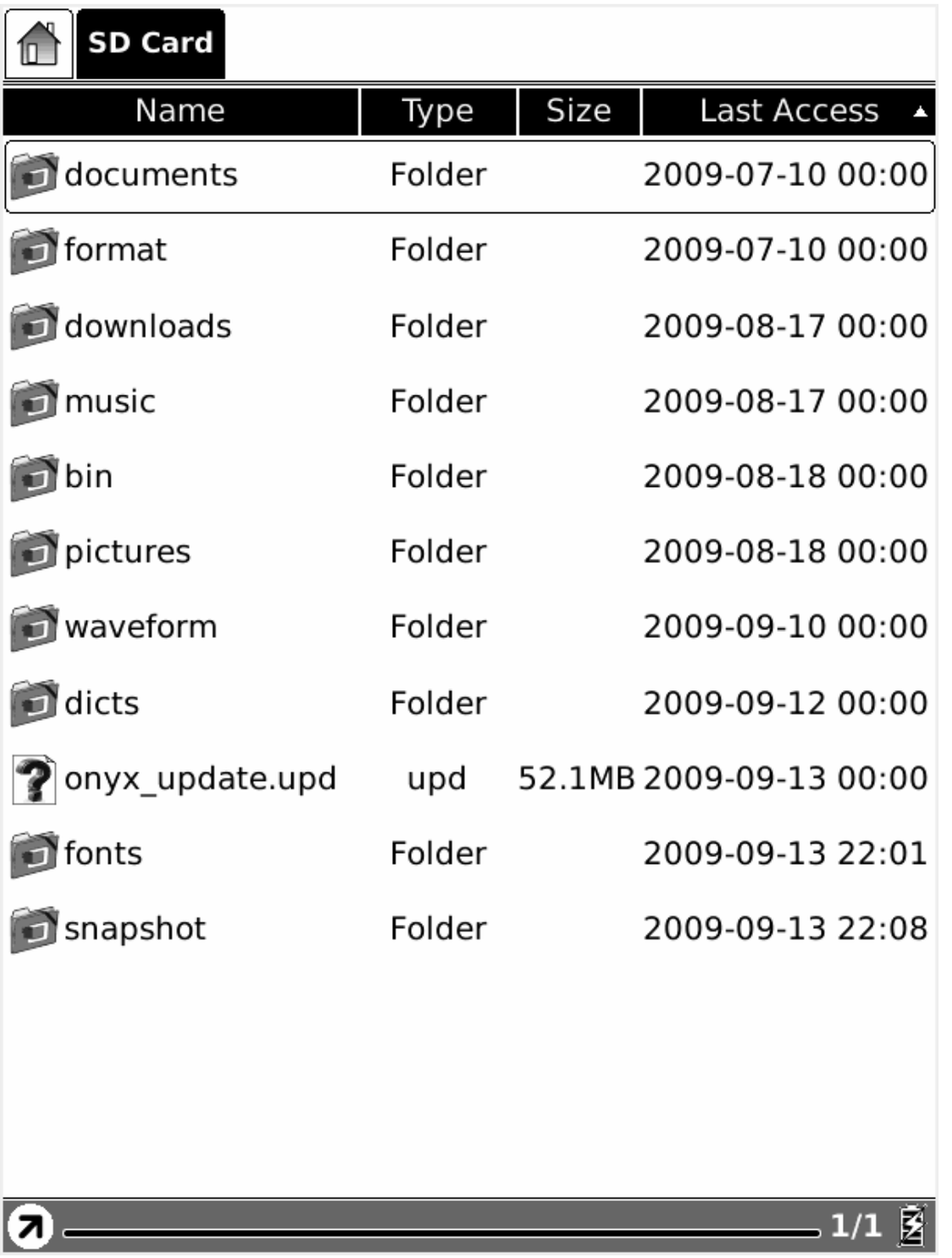

Fig. 6.4.6.7 Snapshot of Sorting the Contents in Current Directory by Access Time

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6.4.6.8 By Rating

Sort the contents in current directory by rating.

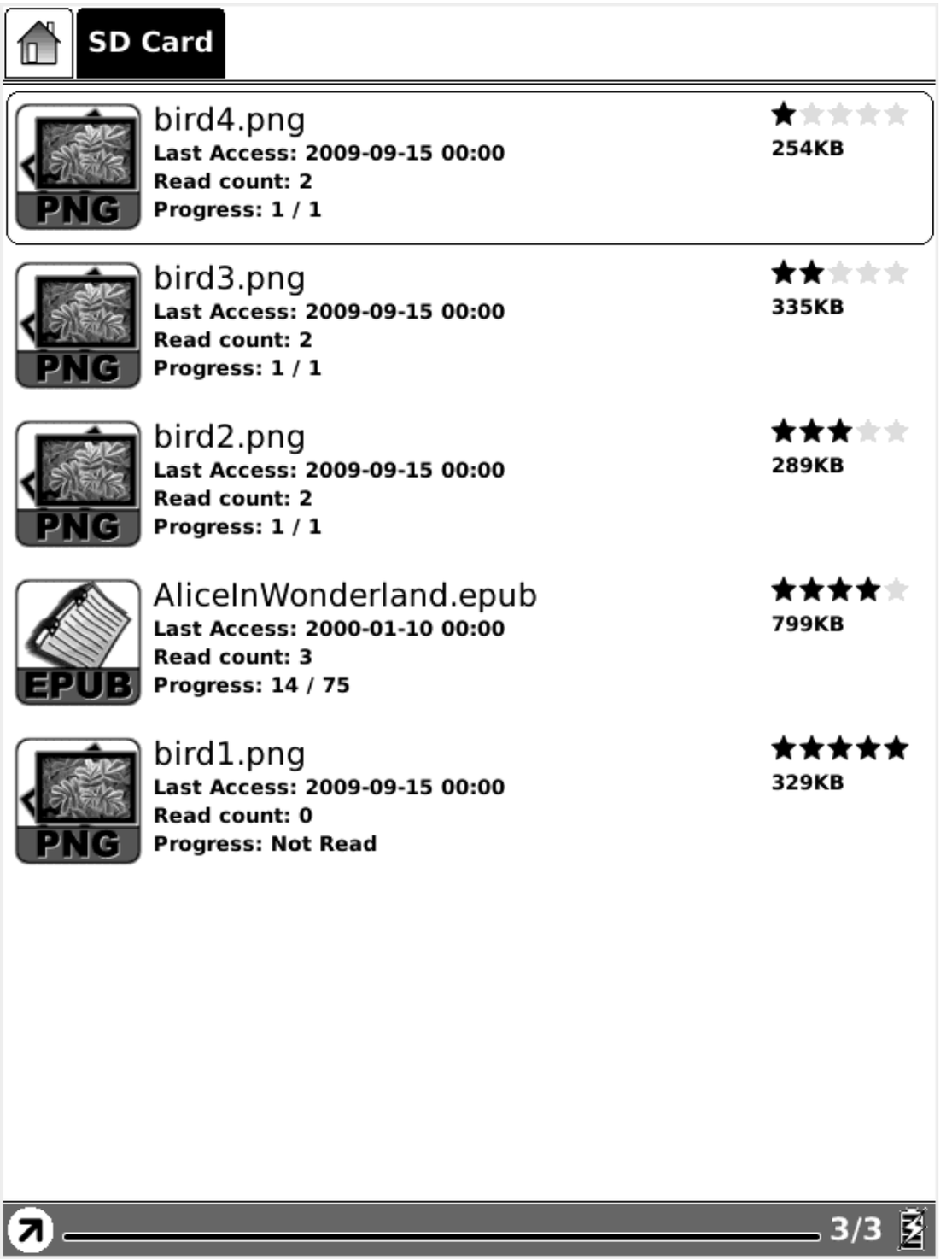

Fig. 6.4.6.8 Snapshot of Sorting the Contents in Current Directory by Rating

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6.4.6.9 Ascending

Sort the contents in current directory by ascending order.

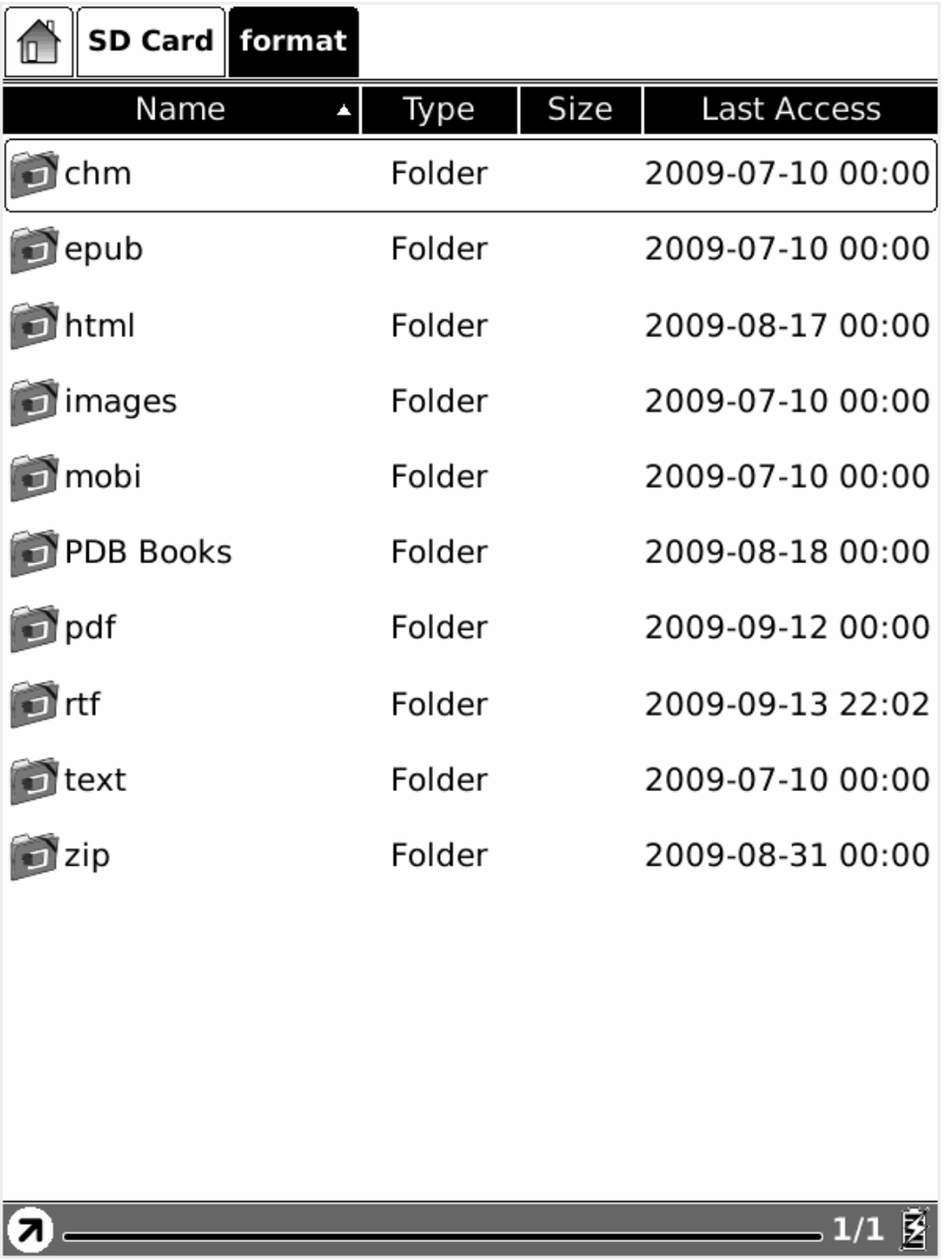

Fig. 6.4.6.9 Snapshot of Sorting Contents in Current Directory by Ascending Order

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6.4.6.10 Descending

Sort the contents in current directory by descending order.

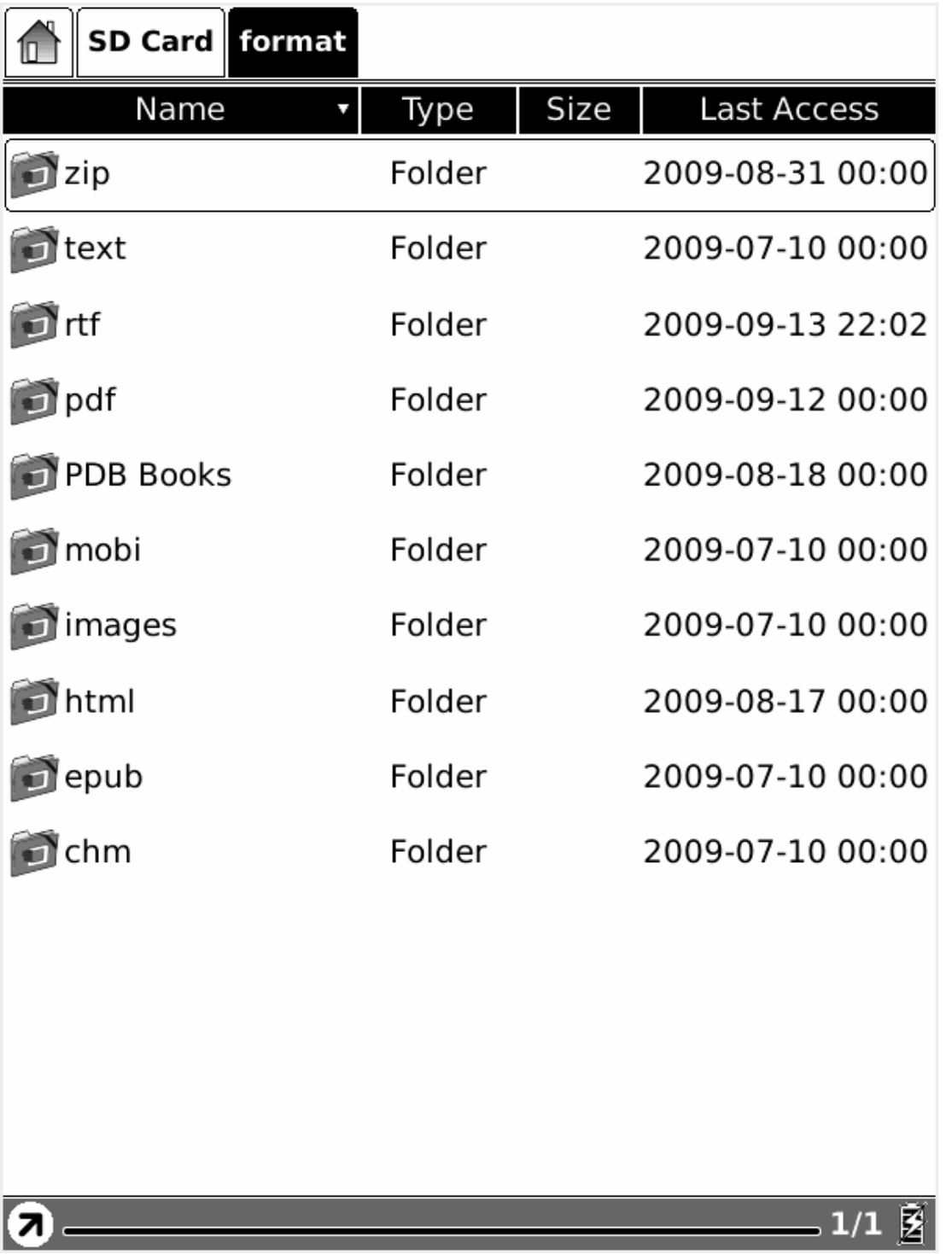

Fig. 6.4.6.10 Snapshot of Sorting Contents in Current Directory by Descending Order

6.4.7 File

File **means the operations to a file.**

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6.4.7.1 Delete

Delete a selected file.

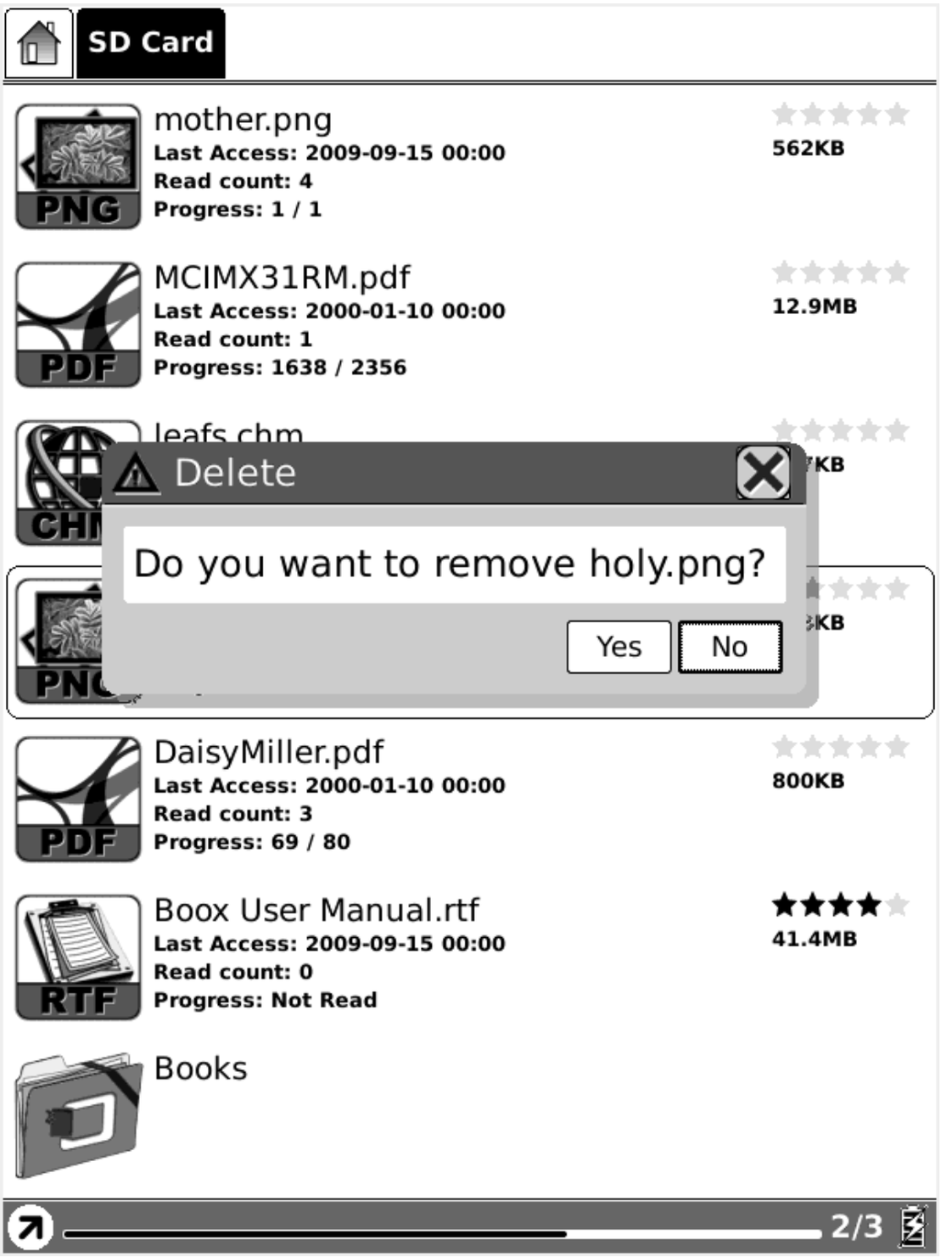

Fig. 6.4.7.1 Delete a Selected File

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6.4.7.2 Search

Search for target file by given pattern. The search results are displayed in the main view.

Fig. 6.4.7.2 Search Files by Given Pattern

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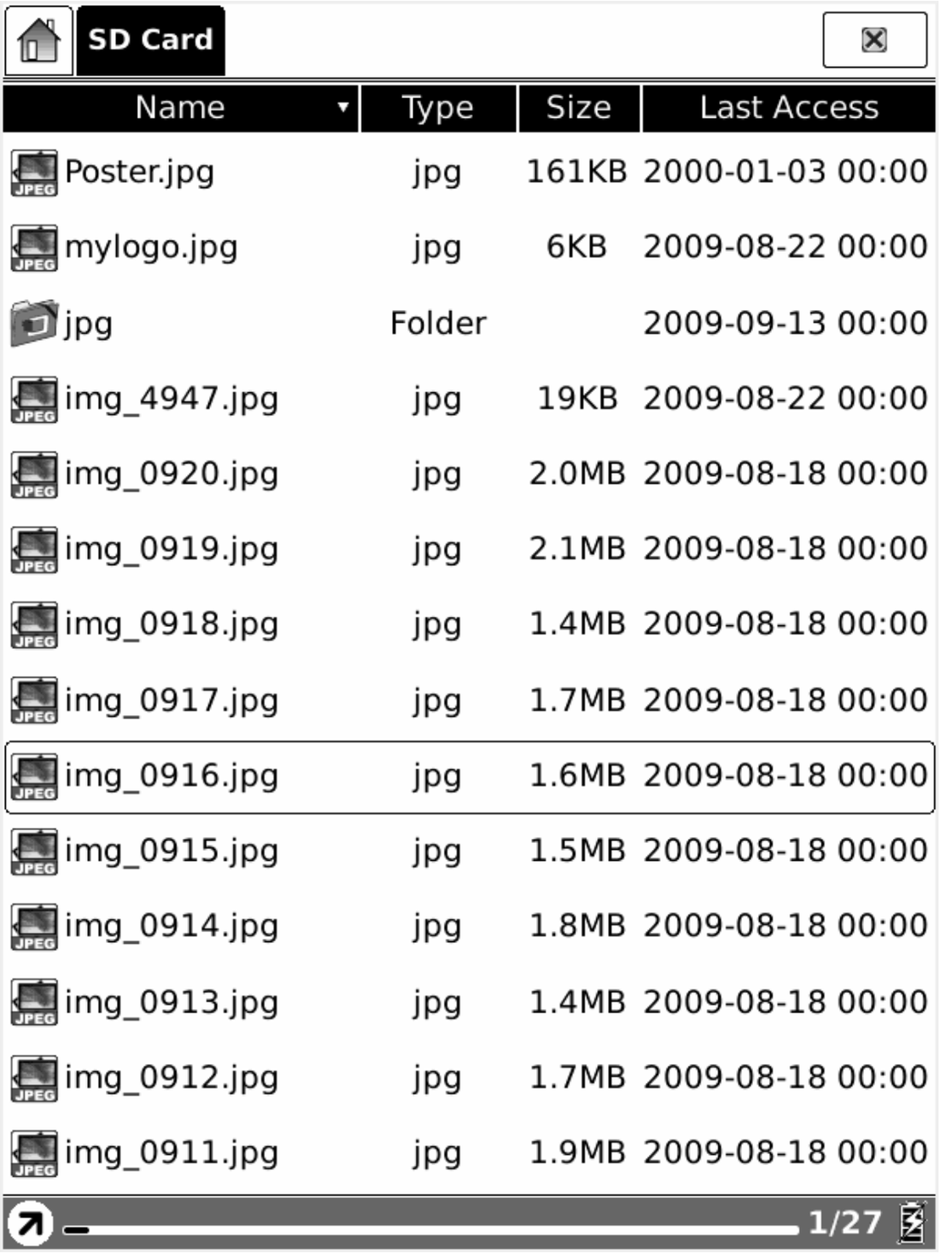

Fig. 6.4.7.3 Search Results

6.4.7.3 Create shortcut

Create shortcut on selected file.

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6.4.7.4 Return Book

Return a borrowed book.

Note: The wifi configuration dialog pops up after you decide to return a borrowed book(because the wifi is only opened when it is necessary). The returning starts after the configuration succeeds.

6.4.8 Settings

Settings **in menu is identical with the Setting button in main view. Please refer to 6.1.4 for details.**

6.4.8.1 Date Settings

Configure the date and time of device, as the same as 6.1.6.1.

6.4.8.2 Locale Settings

Configure the device language, as the same as 6.1.6.3.

6.4.8.3 Power Management

Configure the time of standby and automatically shutdown, as the same as 6.1.6.4.

6.4.8.4 Screen Calibration

Enter the screen calibration application, as the same as 6.1.6.5.

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6.4.8.5 Format Flash

Format the internal flash, as the same as 6.1.6.6.

6.4.8.6 About

Display the information of the device, as the same as 6.1.6.7.

6.4.9 Font

Configure the font size and/or shape while viewing document.

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6.4.9.1 By Levels

Configure the font size by several font levels: small, medium, large, larger and largest.

This function is activated while viewing PDF/EPub document.

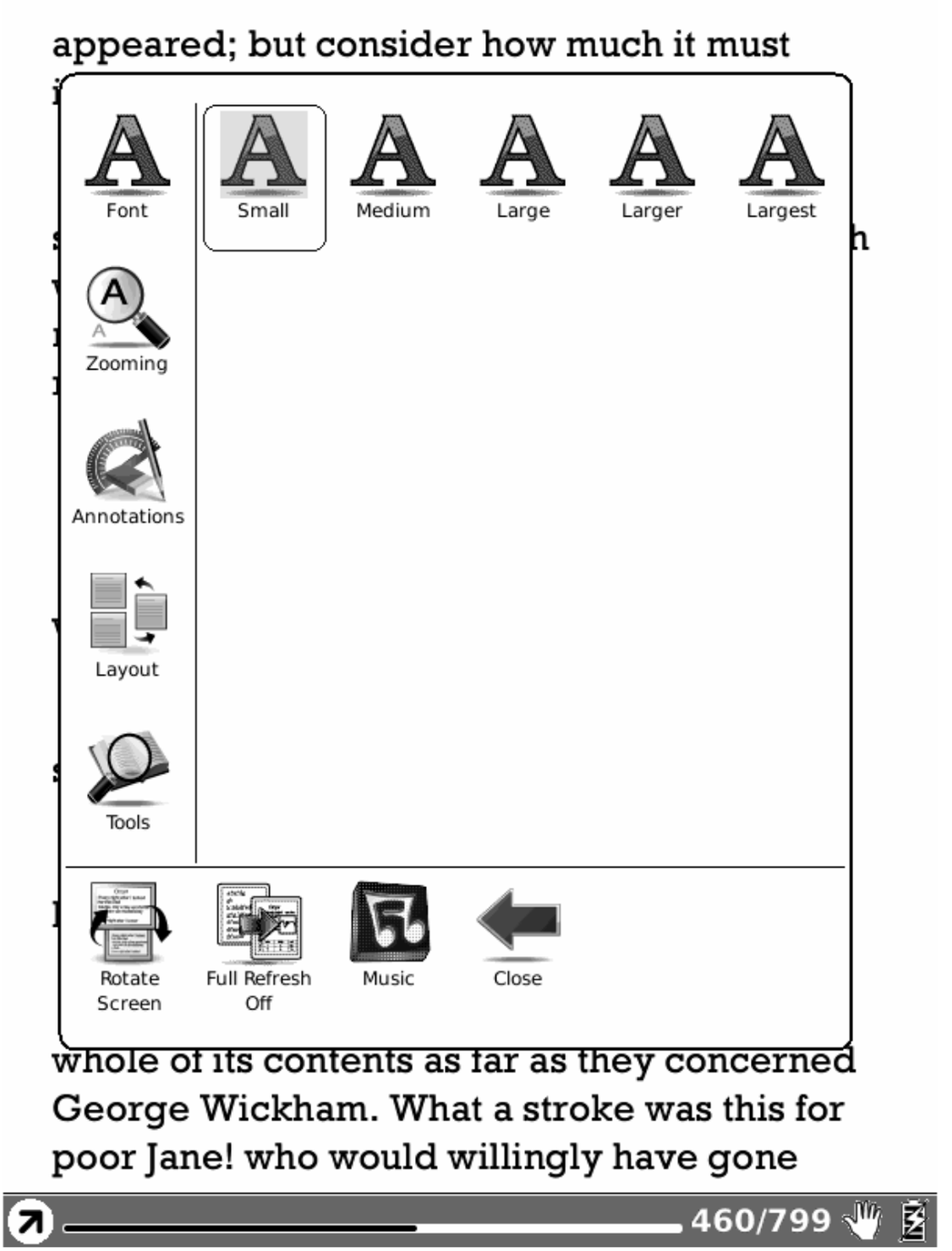

Fig. 6.4.7.1 Configure the Font Size by Levels

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6.4.9.2 By Numbers

Configure the font size by actually number. This function is activated while viewing TXT/Mobi(non-drm)/RTF/PDB document.

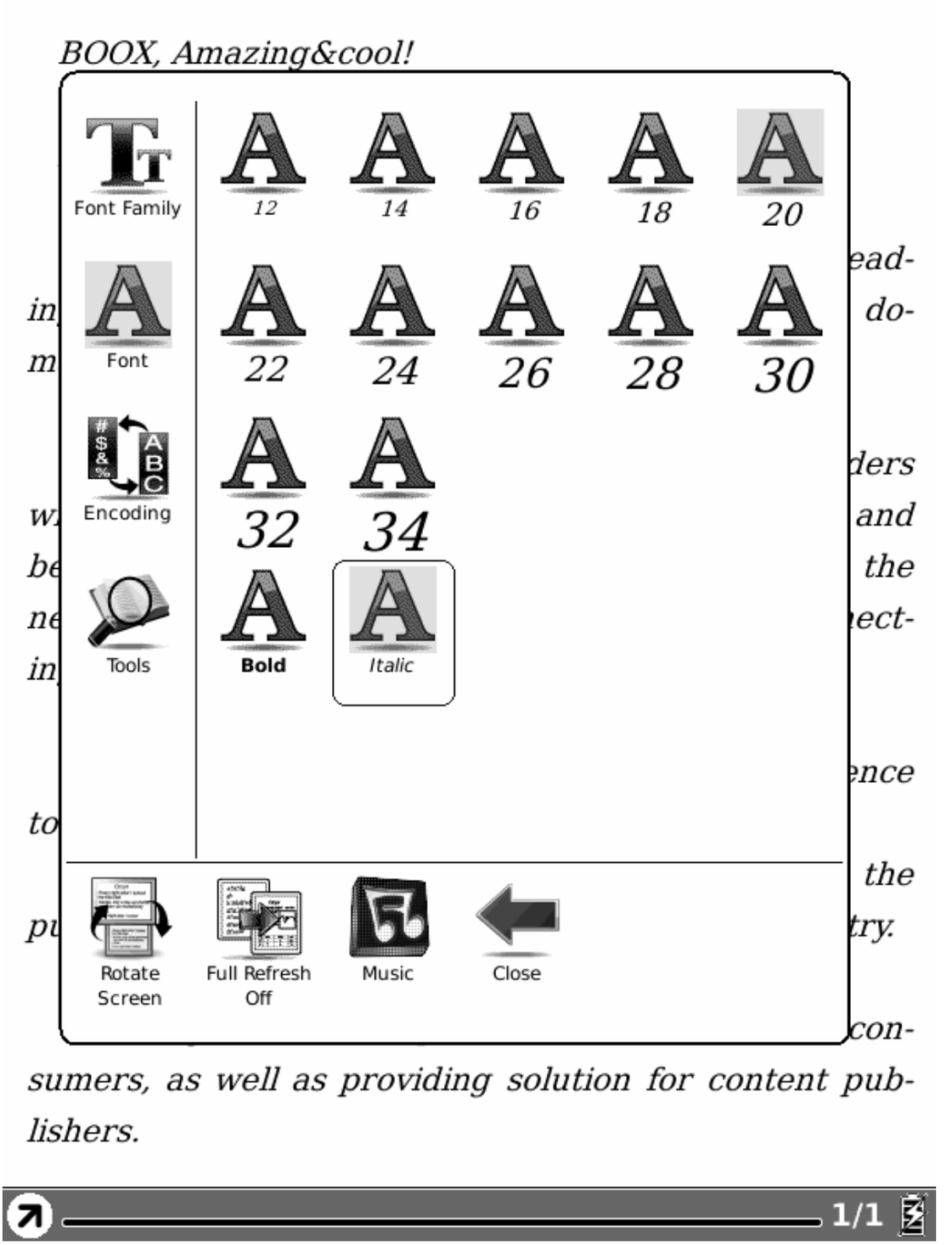

Fig. 6.4.7.2 Configure the Font Size by Numbers

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6.4.9.3 By Ratio

Configure the font size by ratio. This function is activated while viewing HTML/CHM document.

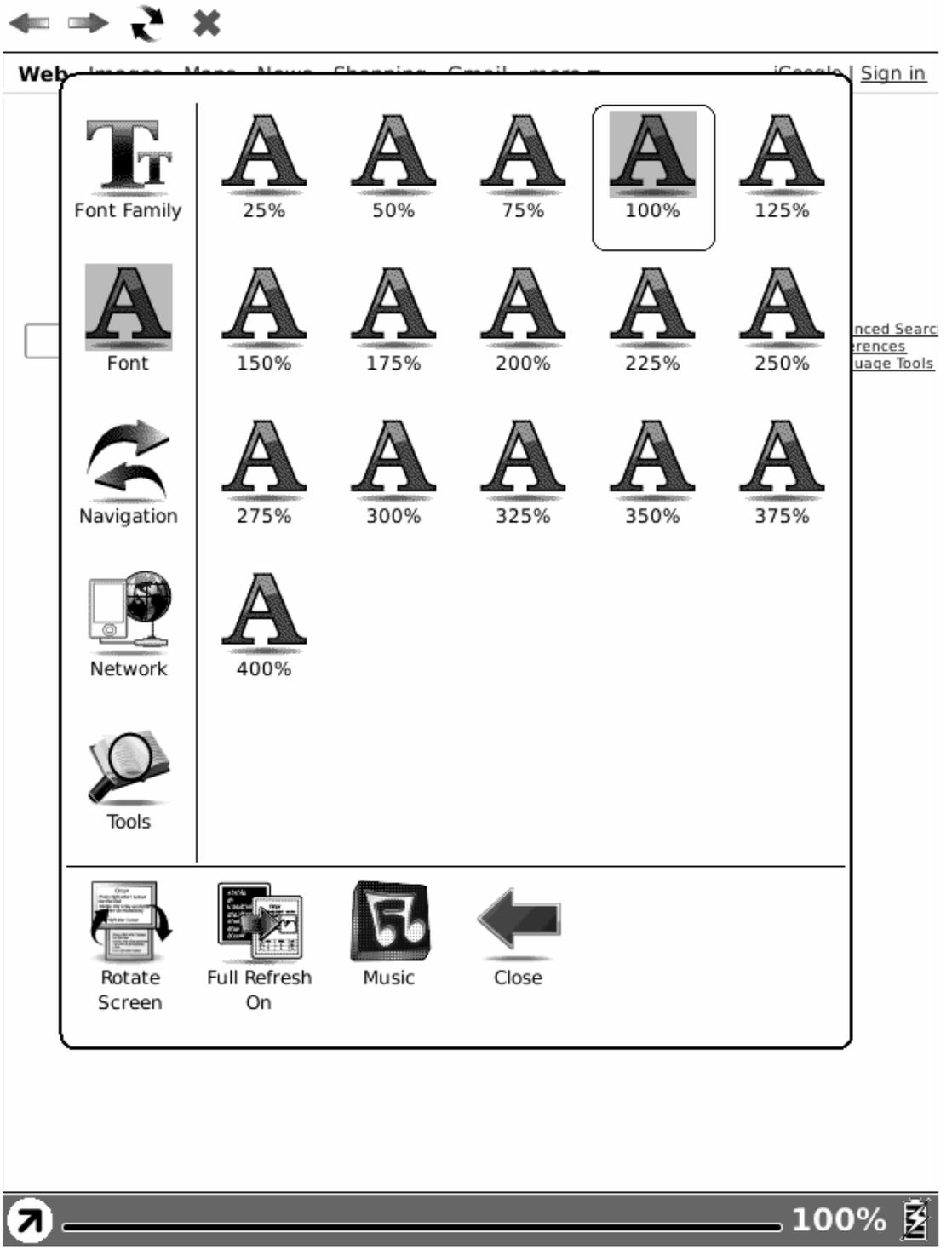

Fig. 6.4.7.3 Configure the Font Size by Ratio

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6.4.9.4 Bold

Set the font bold.

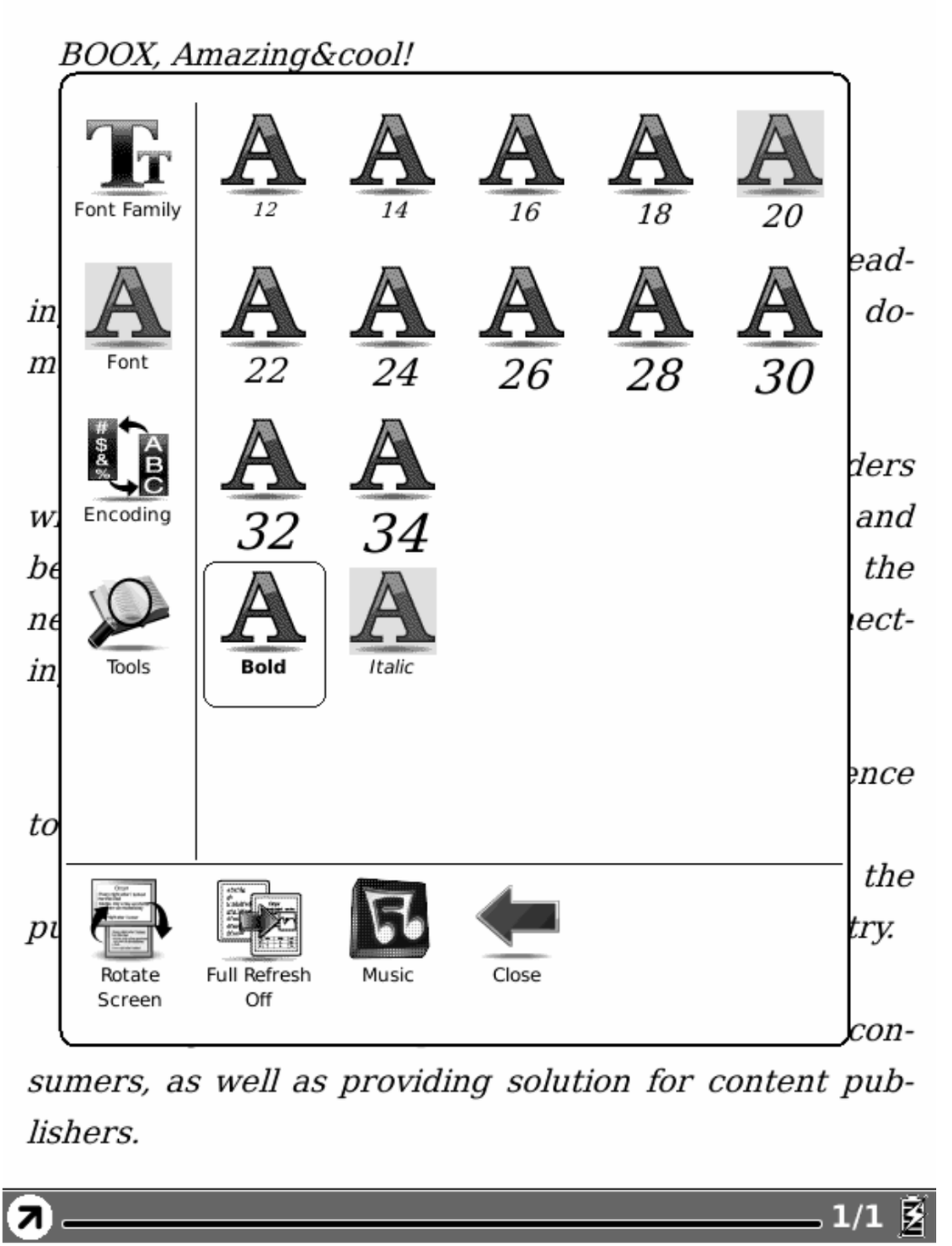

Fig. 6.4.7.4 Configure the Font to be Bold

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6.4.9.5 Italic

Set the font italic.

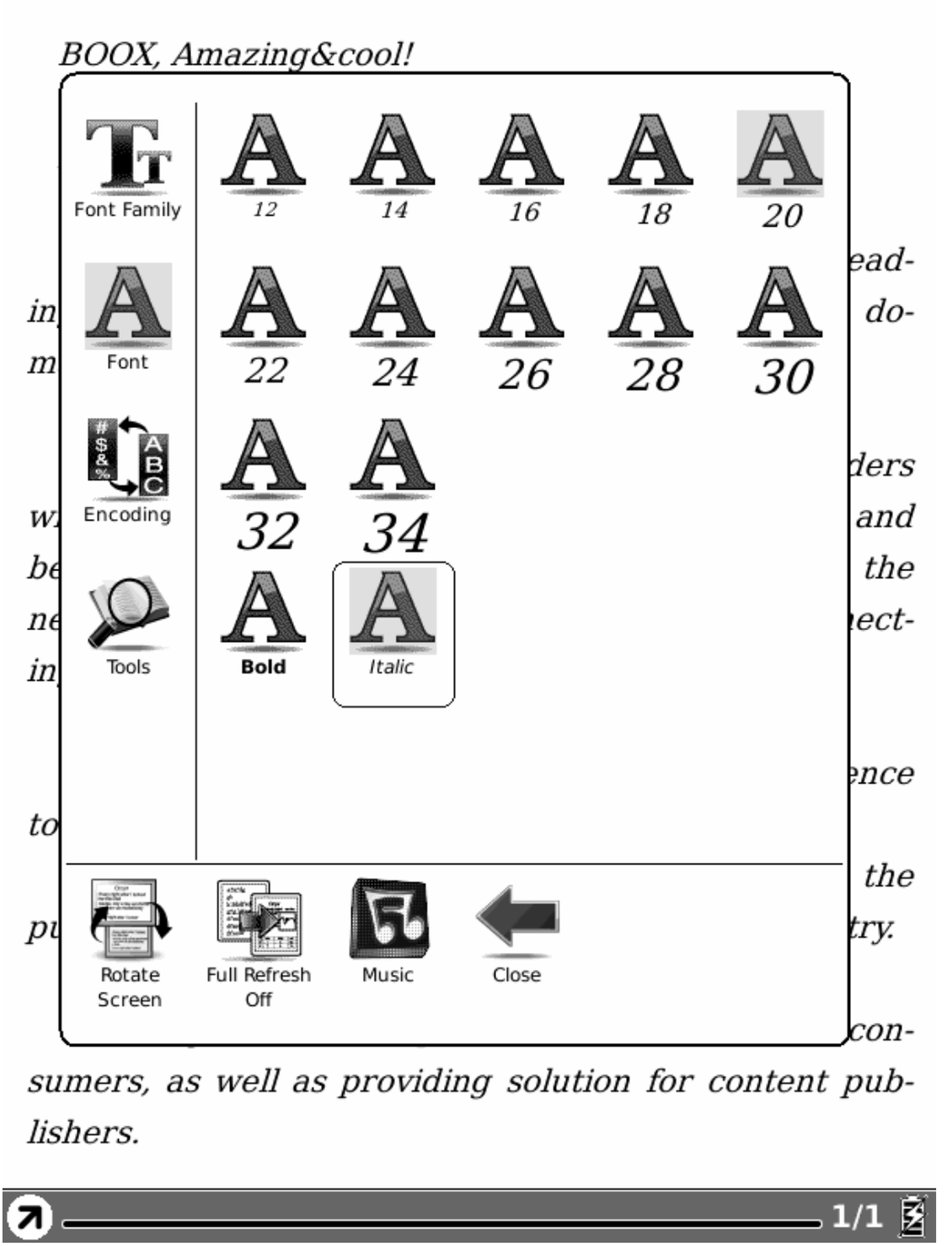

Fig. 6.4.7.5 Configure the Font to be Italic

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6.4.10 Zooming

Adjust the zoom of current screen. The screen can be scaled by fixed value (such as zooming to page, 75%, 200%). The screen can also be scaled up by given stylus box(selection zoom).

6.4.10.1 To Page

Zoom the current page/image to fit the screen.

6.4.10.2 To Width

Zoom the current page/image to fit the width of screen.

6.4.10.3 To Height

Zoom the current page/image to fit the height of screen.

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6.4.10.4 Selection Zoom

Scale up the current screen by selecting a box. The content in the selected box is enlarged to fill the whole drawing area.

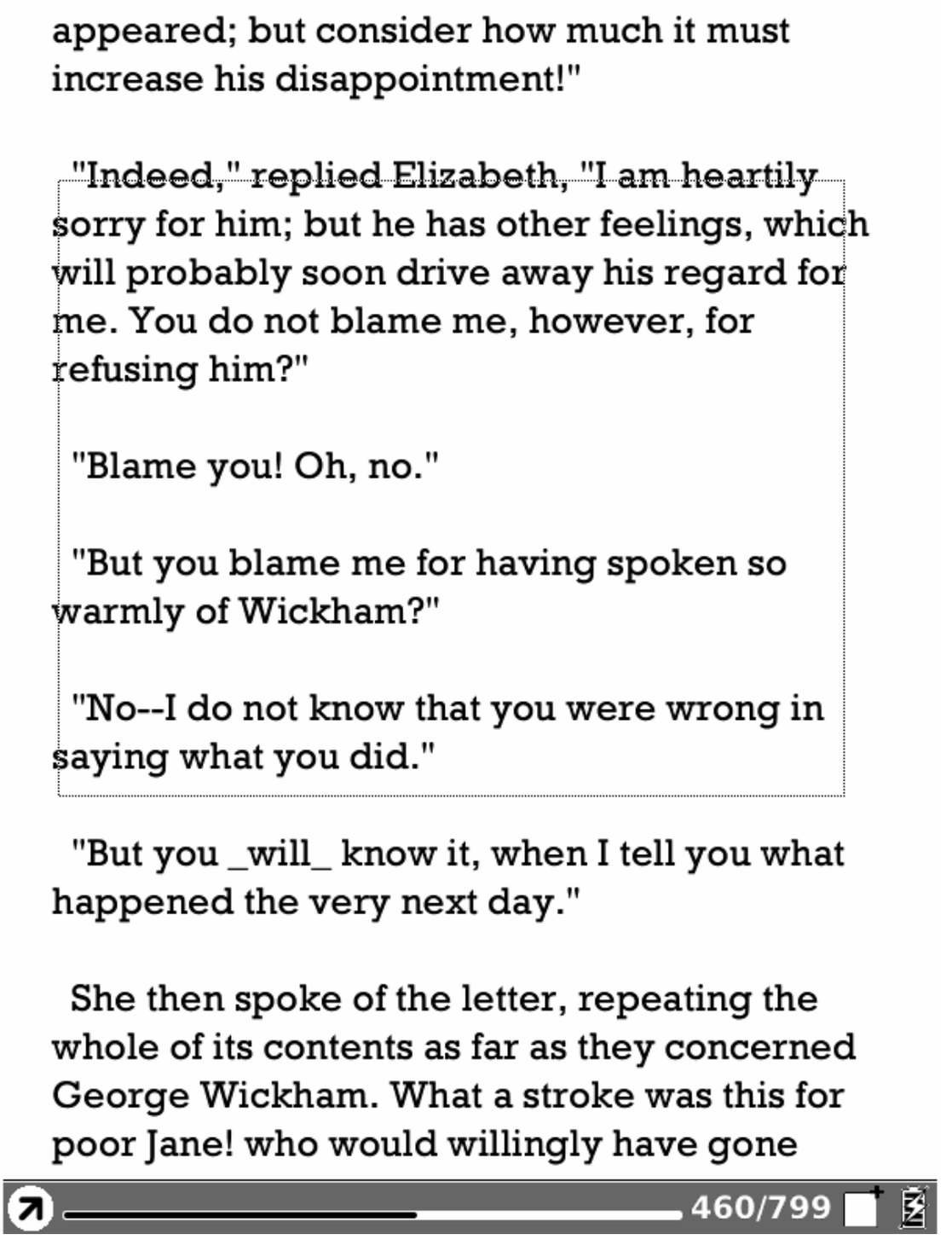

Fig. 6.4.8.4 (1) Snapshot of Selection Zoom

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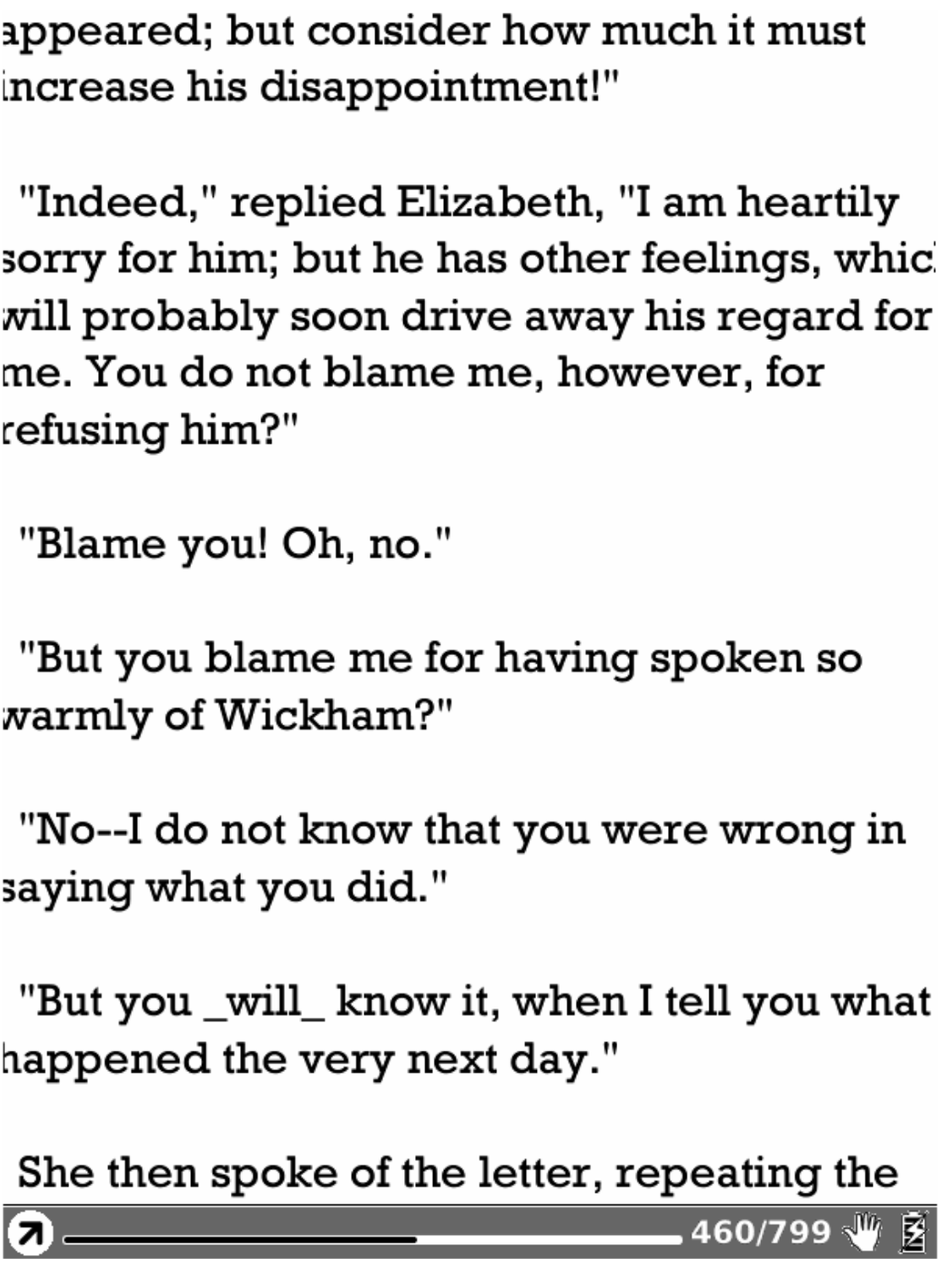

Fig. 6.4.8.4 (2) Snapshot of the Render Result after Selection Zoom

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6.4.10.5 By Ratio

Zoom the current page/image by ratio.

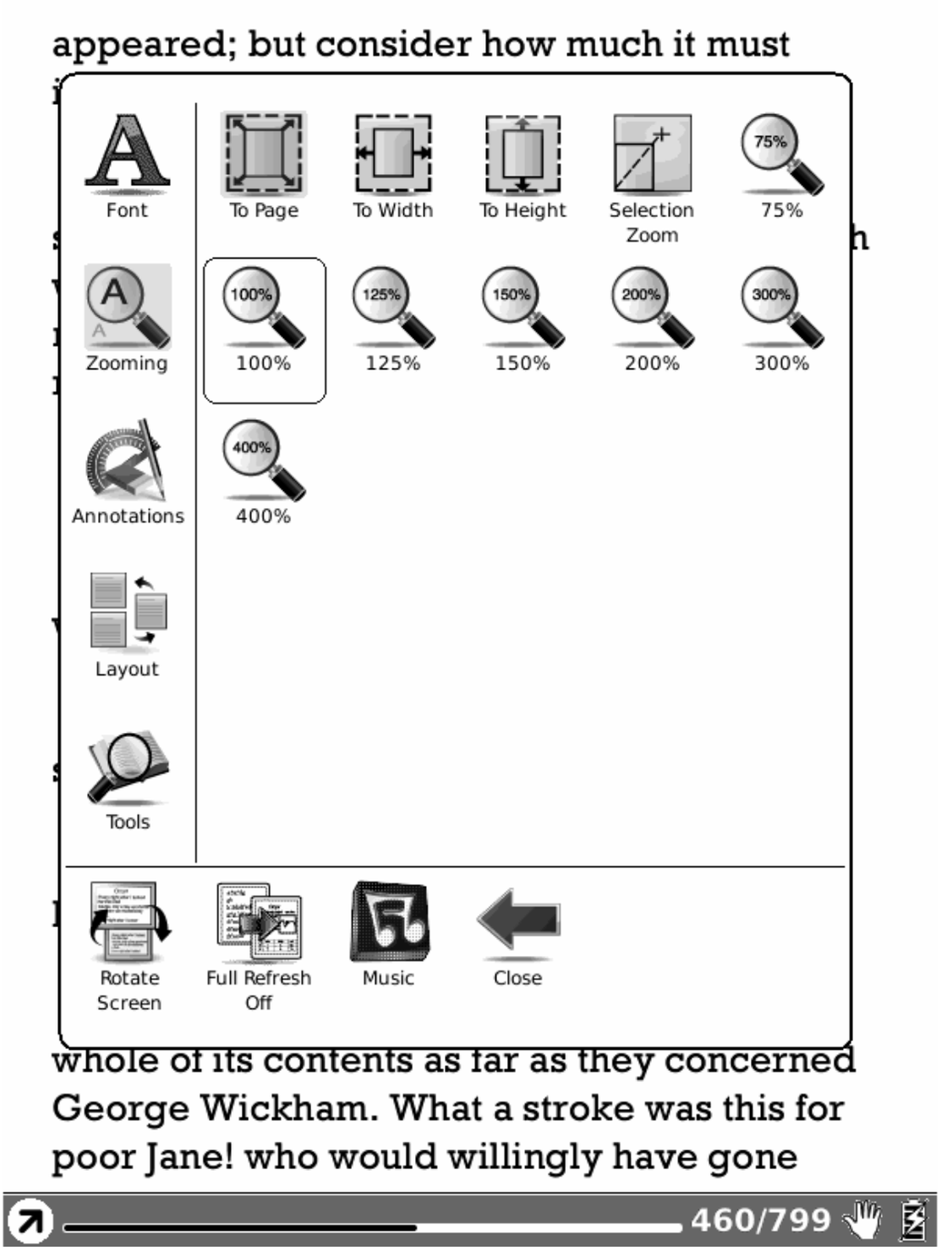

Fig. 6.4.8.5 Snapshot of Zooming by Ratio

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6.4.11 Annotations

Annotations **means a group of annotation operations, including annotating and sketching.**

6.4.11.1 Add Annotation

Take annotation on the text of current screen. The annotated texts are highlighted.

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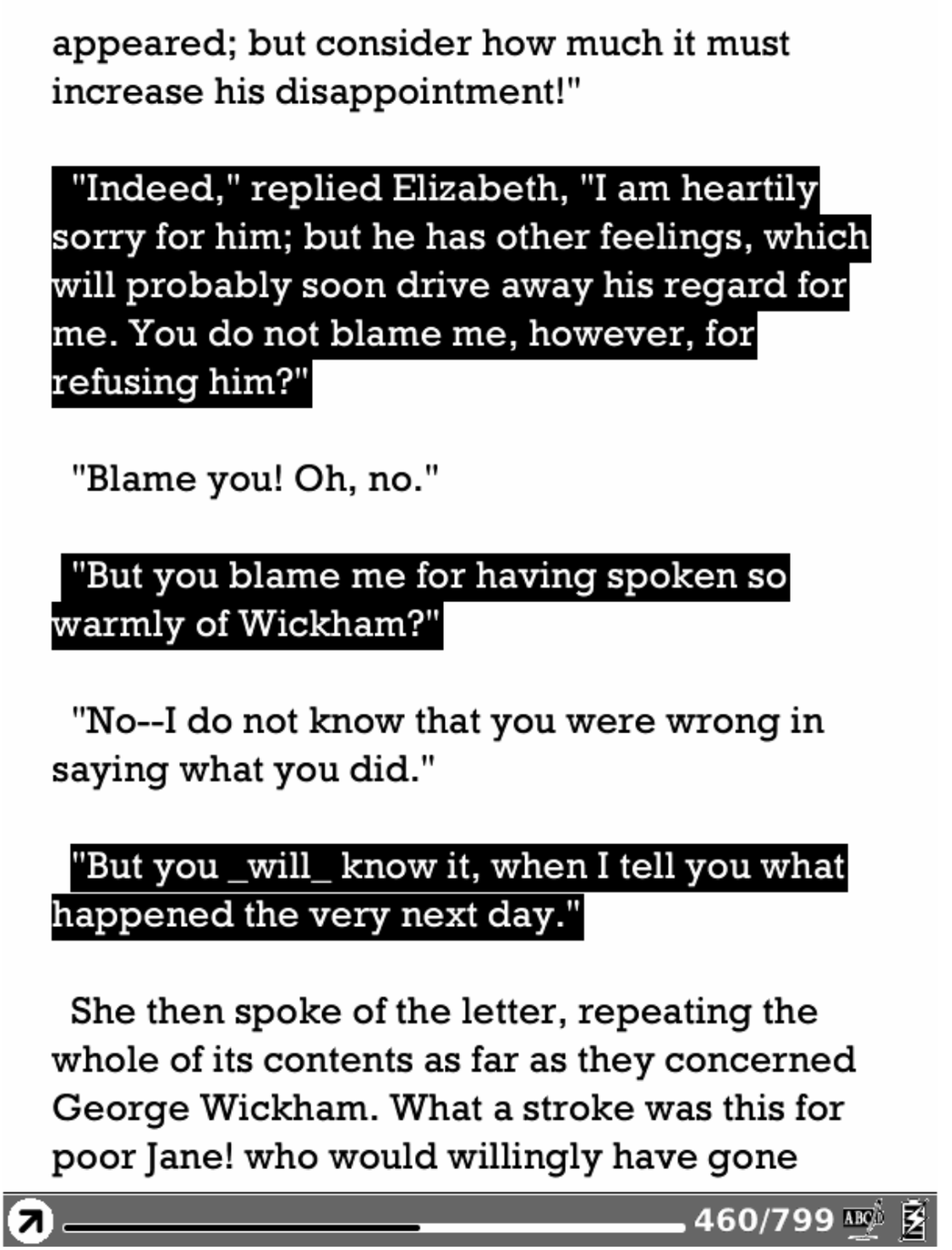

Fig. 6.4.9.1 Snapshot of Adding Annotation

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6.4.11.2 Erase Annotation

Erase annotation on current screen. The annotations are erased when you click on them or drag the stylus through them.

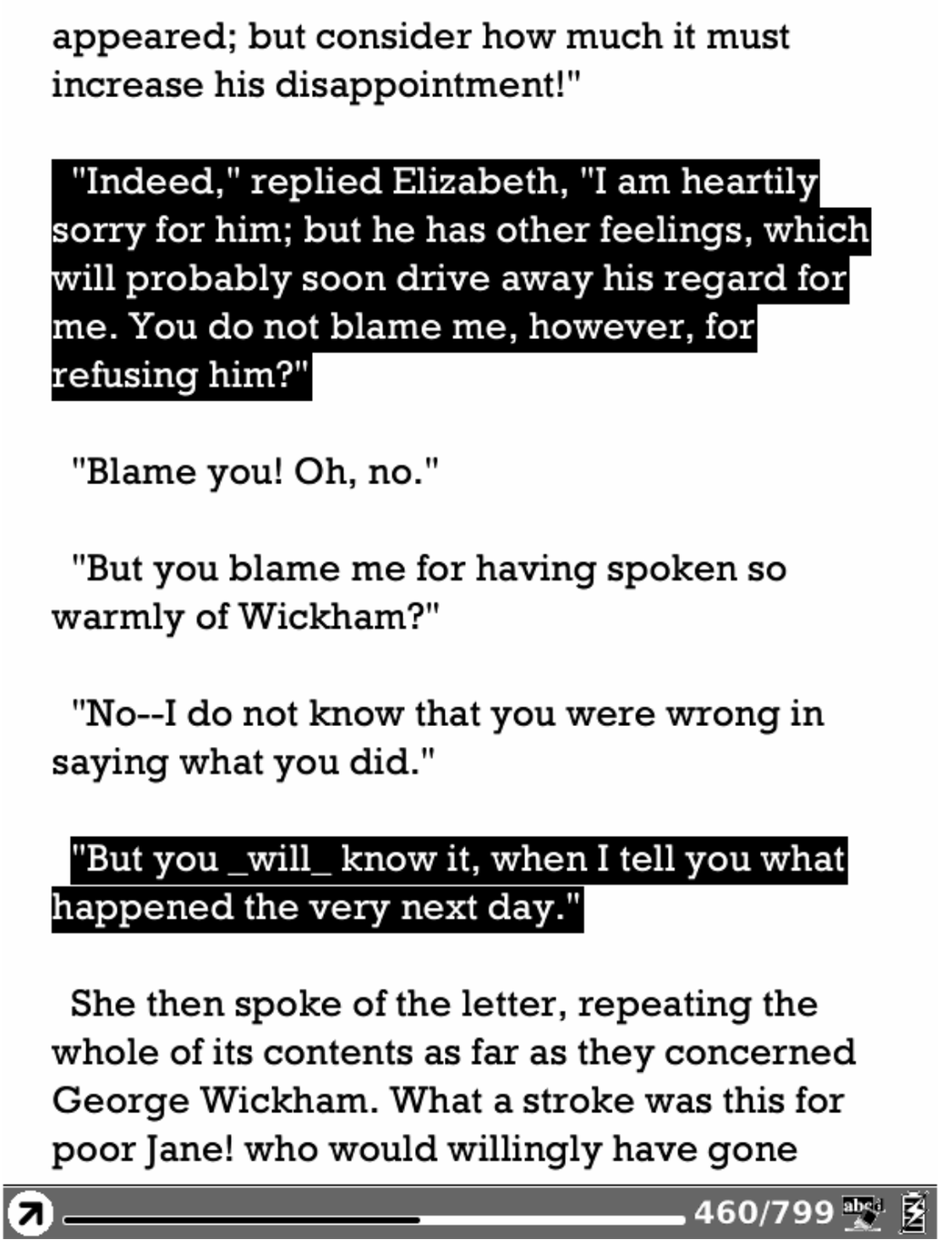

Fig. 6.4.9.2 Snapshot of Erasing Annotation

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6.4.11.3 All Annotations

Display all of the annotations by list. The highlighted texts as well as the corresponding page numbers are displayed on the list view.

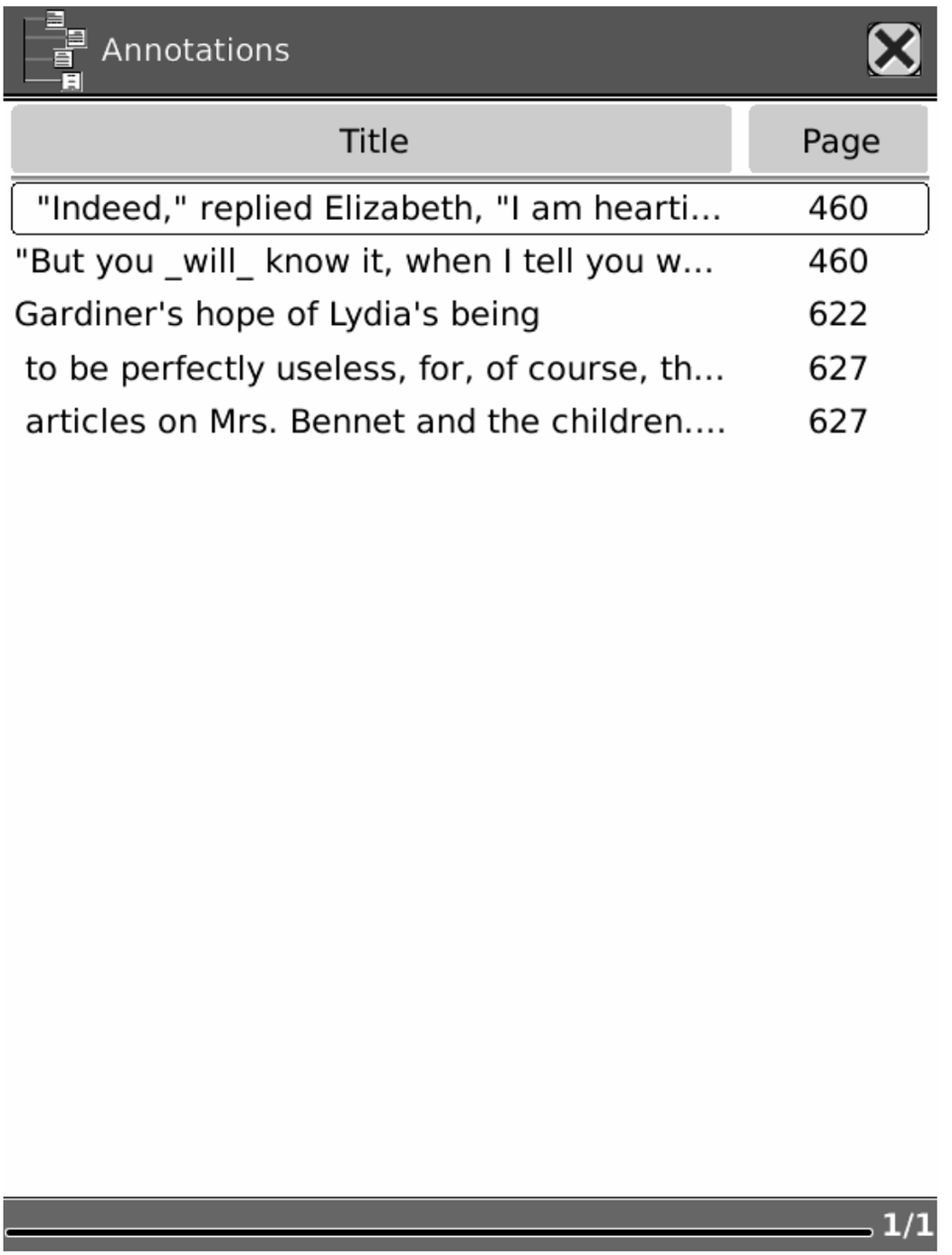

Fig. 6.4.9.3 Display All Annotations

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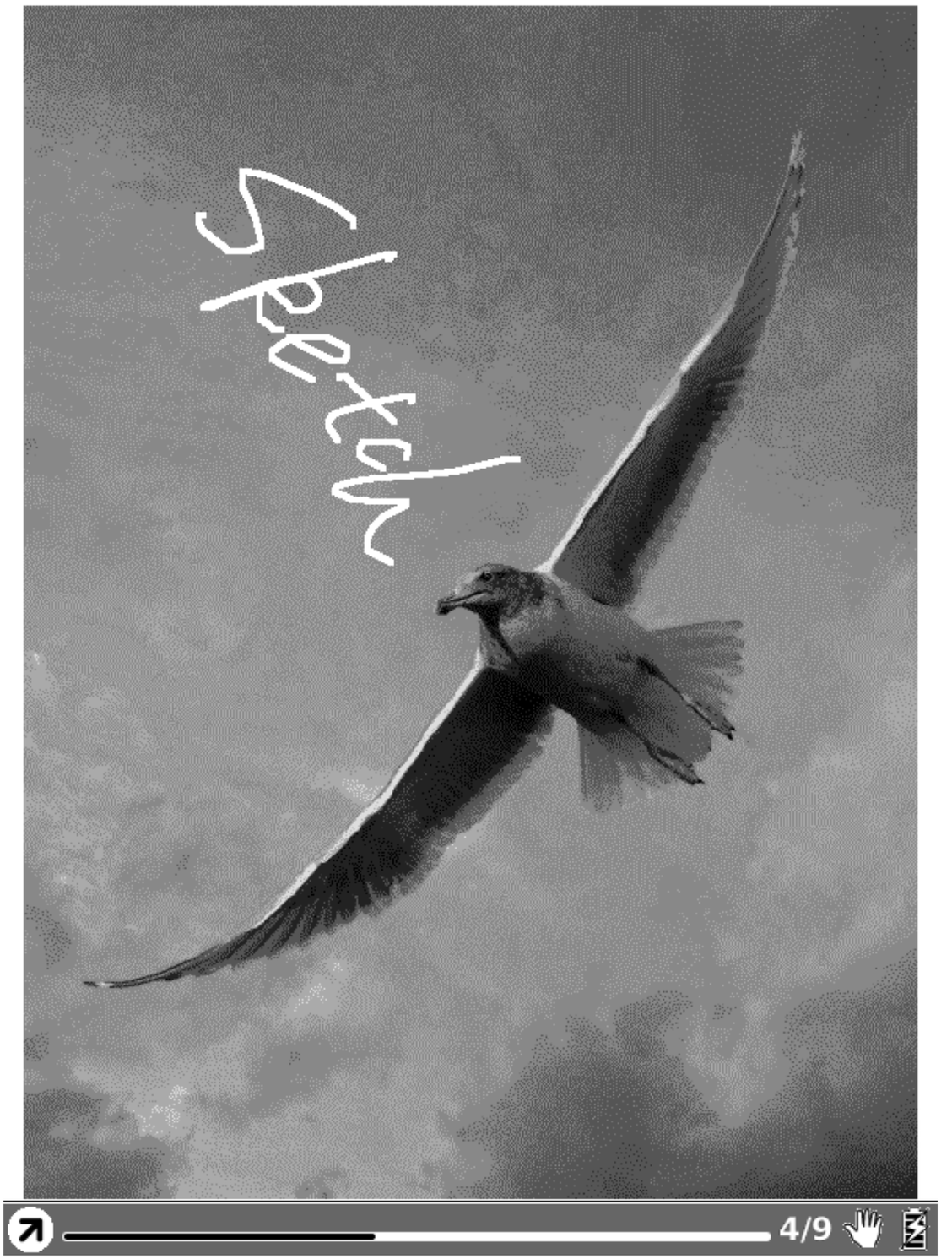
6.4.11.4 Sketch

Sketch on the content area of current screen by stylus.



6.4.9.4 Sketch on the Screen

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6.4.11.5 Erase Sketch

Erase existing sketches by stylus. The sketches are erased when you click on them or drag the stylus through them.

6.4.11.6 Sketch Colors

Select the color of sketches. Now black and white are supported.

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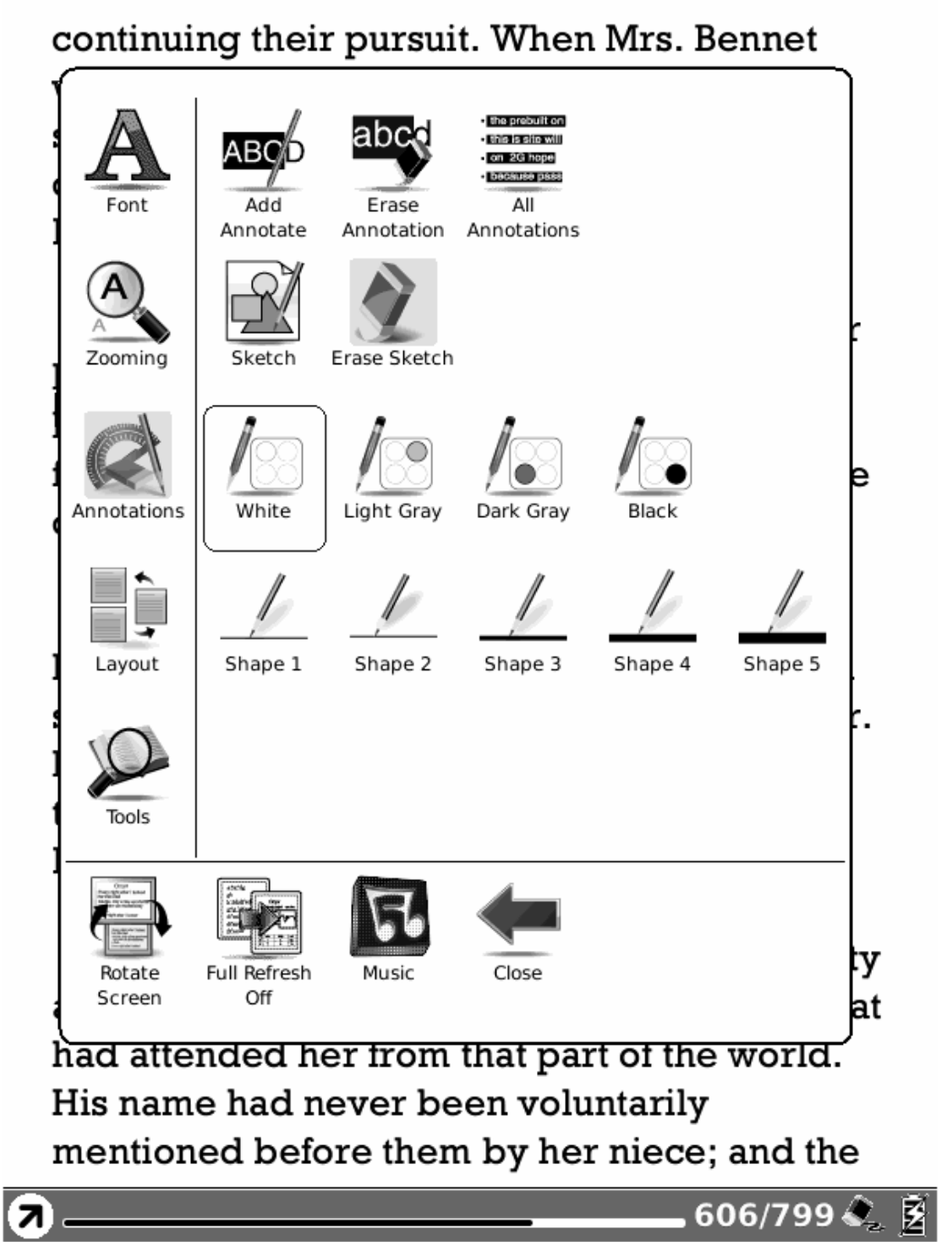

Fig. 6.4.9.6 Sketch Colors

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6.4.11.7 Sketch Shapes

Select the shape (line width) of sketches. Now five levels of line widths are supported.

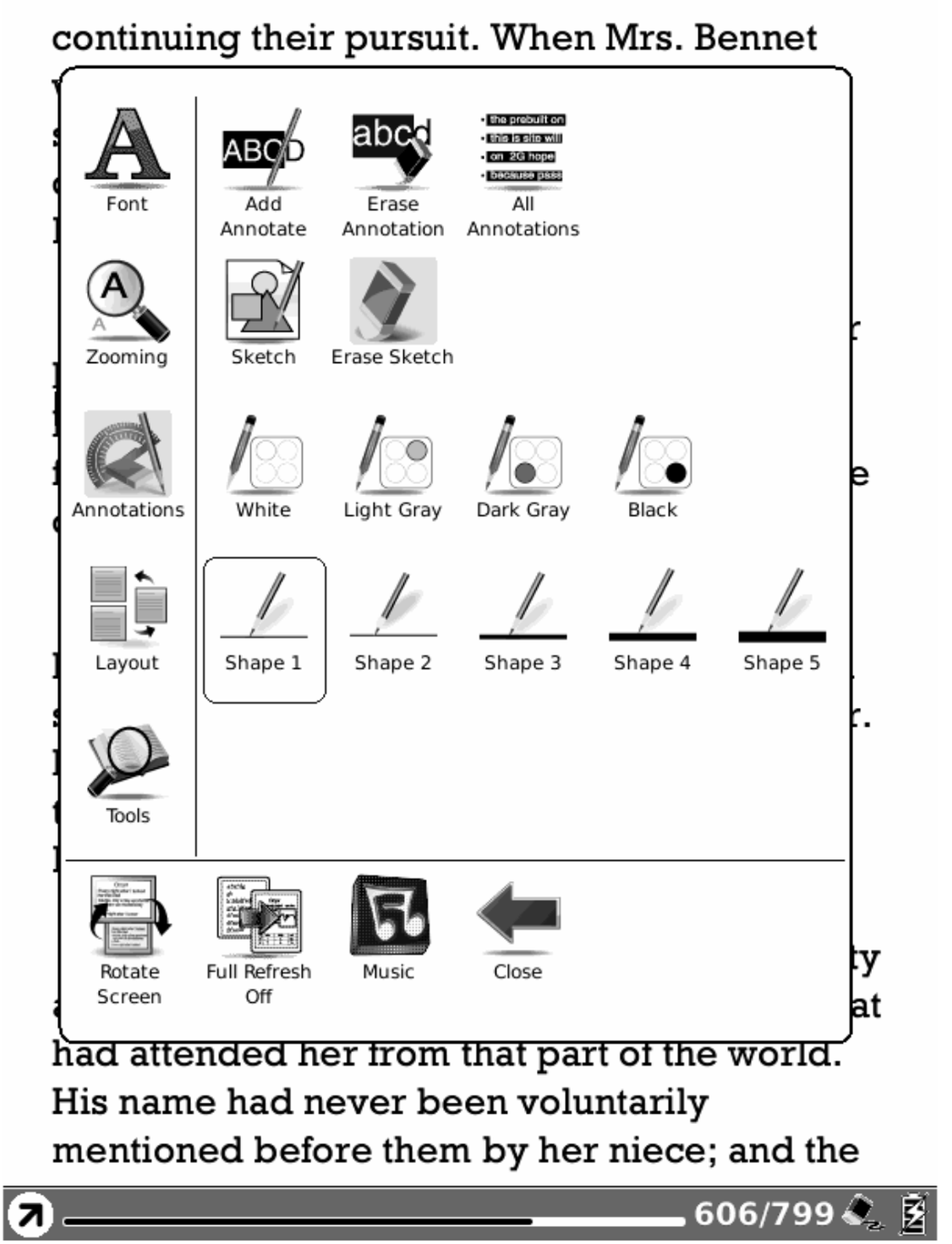

Fig. 6.4.9.7 Sketch Shapes

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6.4.12 Layout

Select the layout of pages while viewing document.

6.4.12.1 Single Page

Only one page is displayed on screen.

The SDMA core is able to control and exchange data with these systems by sending instructions and reading or writing data from/to the functional units' registers via the FUBUS. This is done with the `ldf` and `stf` instructions.

The following sections provide introductions to the available functional units. Section 40.16, "Functional Units Programming Model" provides descriptions the functional units' behaviors.

40.6.1 CRC Calculation Unit

The Cyclic Redundancy Check (CRC) unit can perform CRC calculation. A single byte of data can be processed every cycle, but up to four bytes can be simultaneously loaded.

The CRC unit supports the following set of polynomials:

```
CRC32:   X32+X26+X23+X22+X16+X12+X11+X10+X8+X7+X5+X4+X2+X+1
CRC16:   X16+X15+X2+1
CCITT16: X16+X12+X5+1
IS136:   X12+X10+X8+X5+X4+X3+1
CRC10:   X10+X9+X5+X4+X+1
CRC8:    X8+X2+X+1
parity:  X8+1
```

40.6.1.1 CRC Structure

Figure 40-9 describes the overall structure of the CRC unit and introduces its registers that are accessible by the SDMA core via the FUBUS.

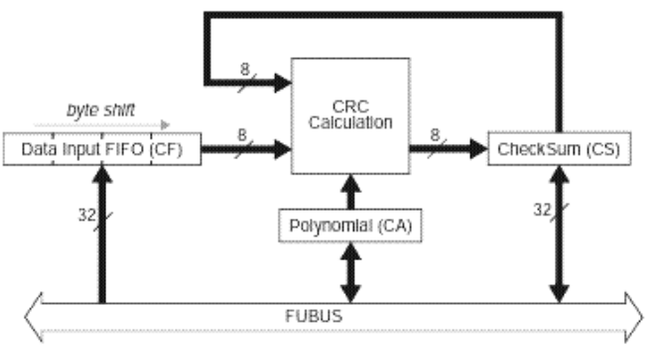

Figure 40-9. CRC Structure

40.6.1.2 CRC Data Processing

CRC processing requires the following three stages:

1. The preliminary initialization stage consists of selecting the desired polynomial, and storing the initialization pattern into the checksum register.

Fig. 6.4.10.1 Snapshot of Single Page

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6.4.12.2 Scroll Pages

Multiple pages can be displayed on screen. If there are enough blanks besides one page on the screen, the parts of adjacent pages fill these blanks. There is a small spacing between two pages.

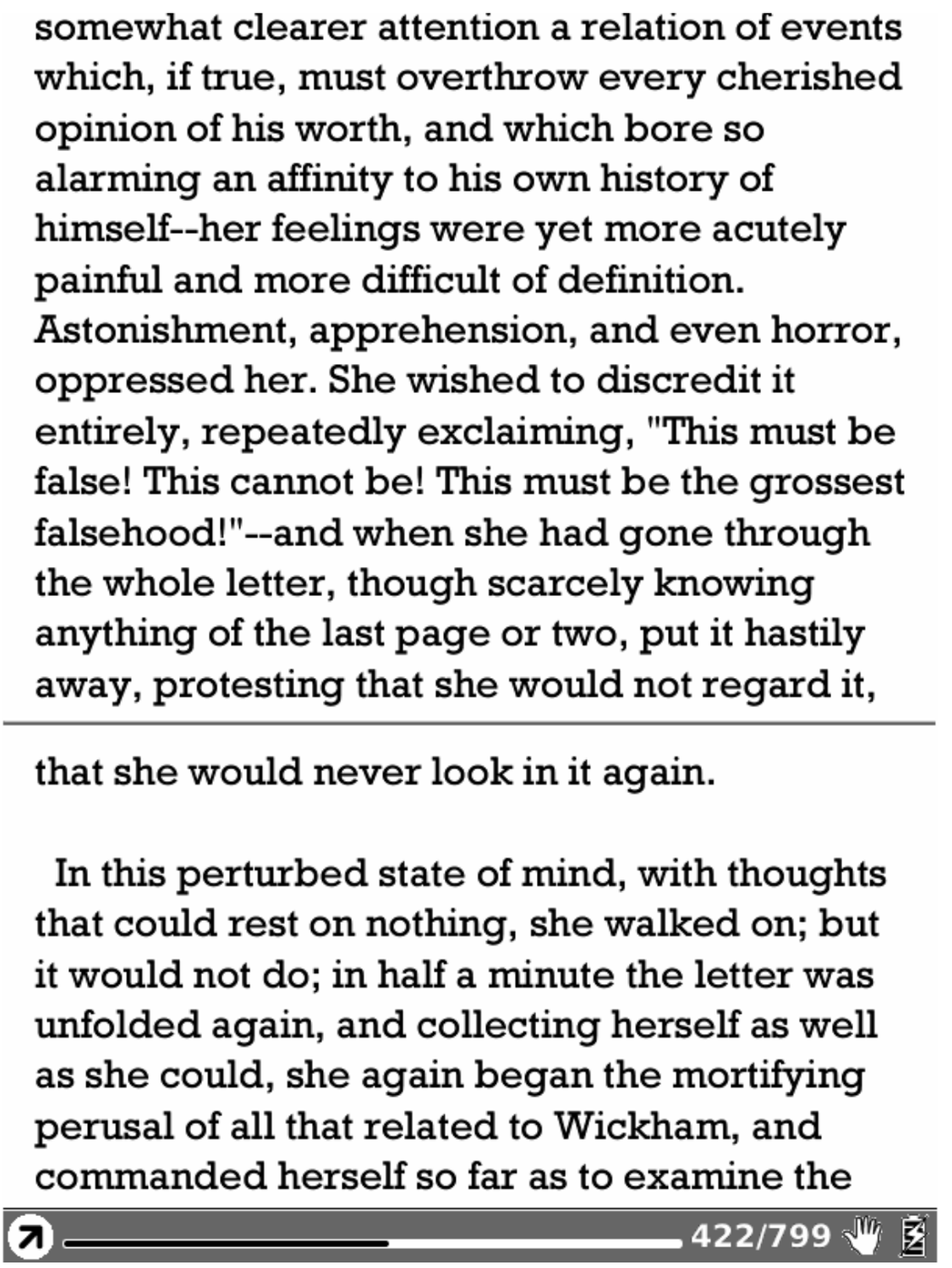

Fig. 6.4.10.2 Snapshot of Scroll Pages

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6.4.13 Tools

Tools **represents a group of assistant functions for better reading.**

6.4.13.1 Search

Search for the pattern in current document. The search results in a screen are highlighted.

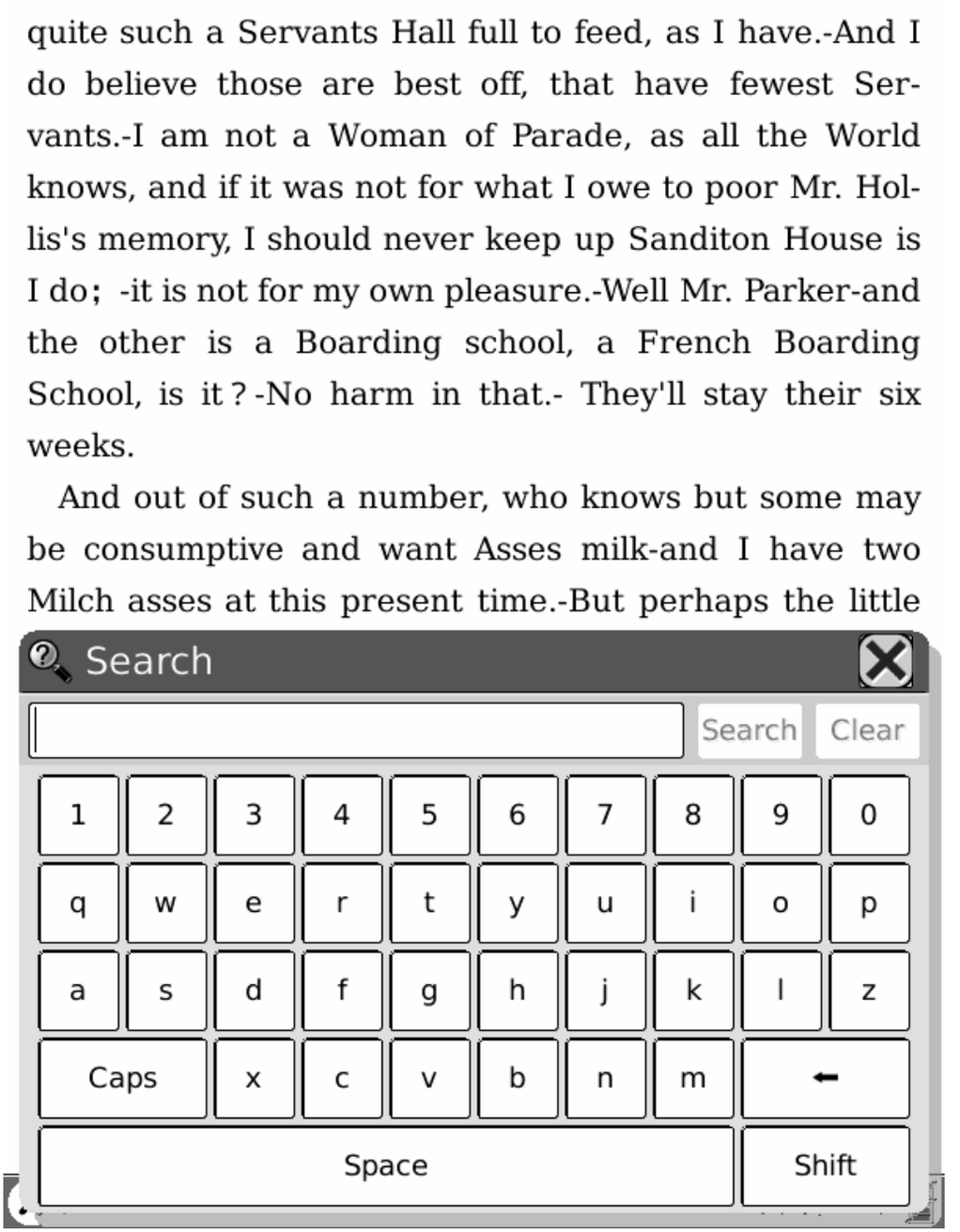

Fig. 6.4.11.1 (1) Input Search Pattern

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seemed protecting kindness, on the other grateful and affectionate respect.-The Conversation turned entirely upon Sanditon, its present number of Visitants and the Chances of a good Season. It was evident that Lady D. had more anxiety, more fears of loss, than her Coadjutor. She wanted to have the Place fill faster, and seemed to have many harassing apprehensions of the Lodgings being in some instances underlet.-Miss Diana Parker's two large Families were not forgotten. 'Very good, very good,' said her Ladyship.-'A West Indy Family and a school. That sounds well.

That will bring Money.'-'No people spend more freely, I believe, than W. Indians,' observed Mr. Parker. 'Aye-so I have heard-and because they have full Purses, fancy themselves equal, may be, to your old Country Families. But then, they who scatter their Money so freely, never think of whether they may not be doing mischief by raising the price of Things-And I have heard that's very much the case with your West-injines-and if they come among us to raise the price of our necessaries of Life, we shall not much thank them Mr. Parker.'-'My dear Madam, They can only rai

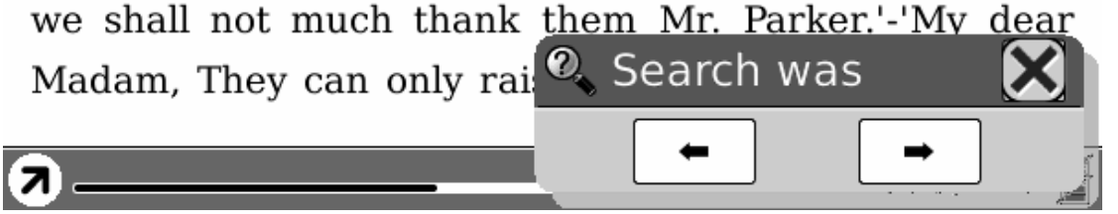

Fig. 6.4.11.1 (2) Display Search Results

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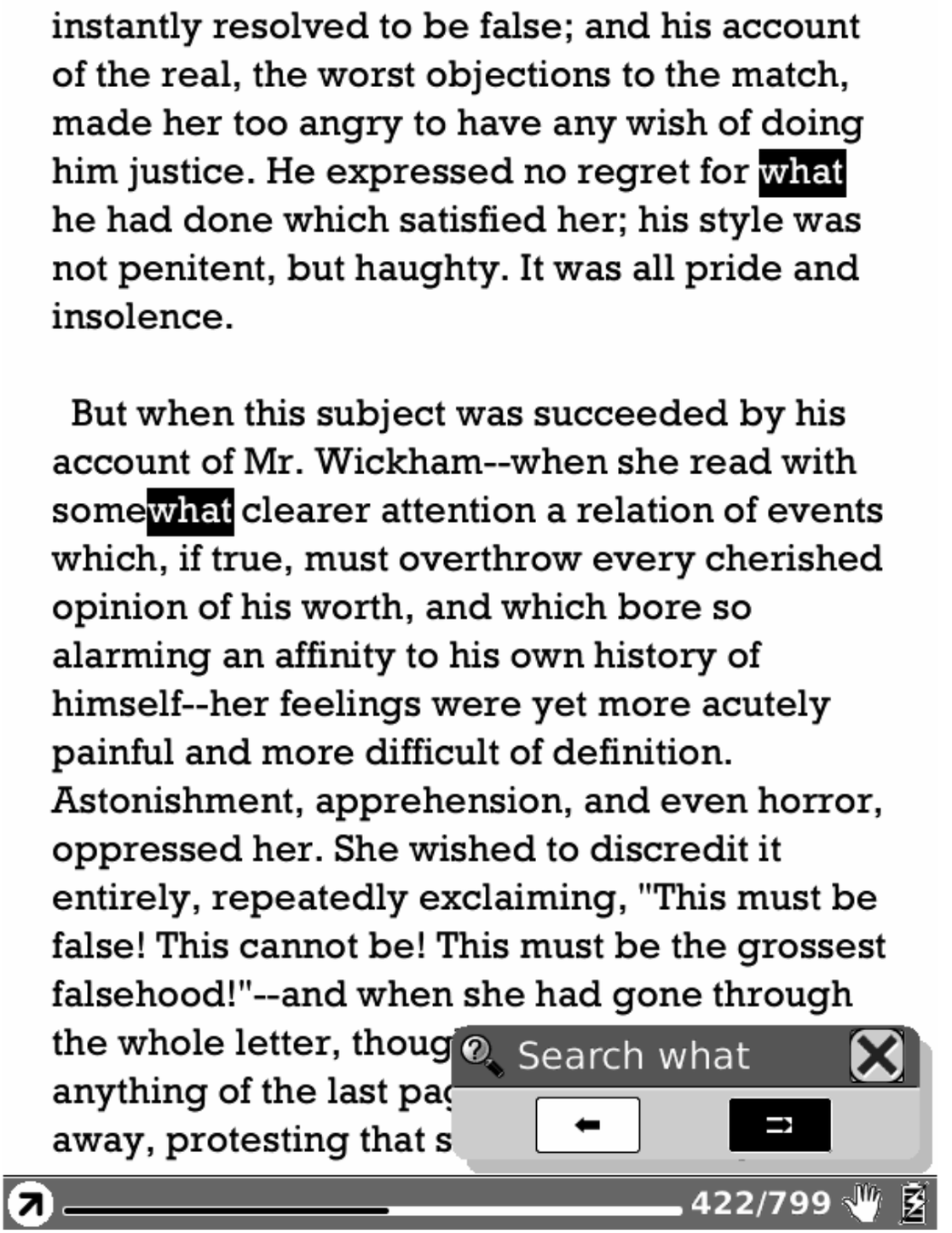

Fig. 6.4.11.1 (3) Search for Next Results

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6.4.13.2 Dictionary Lookup

Look up for the explanation of a pattern string.

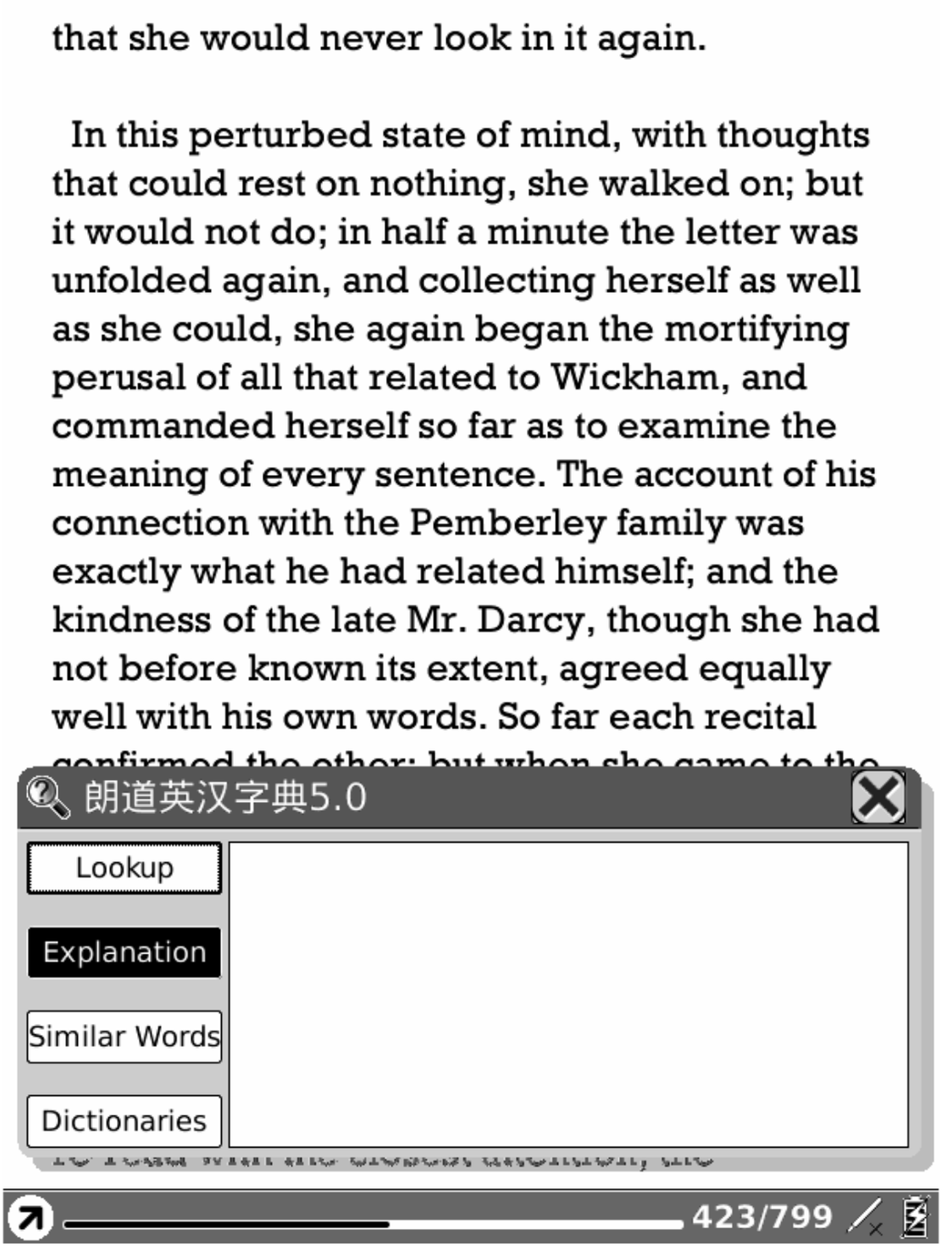

Fig. 6.4.11.2 (1) Popup Dictionary Lookup Dialog

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that she would never look in it again.

In this perturbed state of mind, with thoughts that could rest on nothing, she walked on; but it would not do; in half a minute the letter was unfolded again, and collecting herself as well as she could, she again began the mortifying perusal of all that related to Wickham, and commanded herself so far as to examine the meaning of every sentence. The account of his connection with the Pemberley family was exactly what he had related himself; and the kindness of the late Mr. Darcy, though she had not before known its extent, agreed equally well with his own words. So far each recital

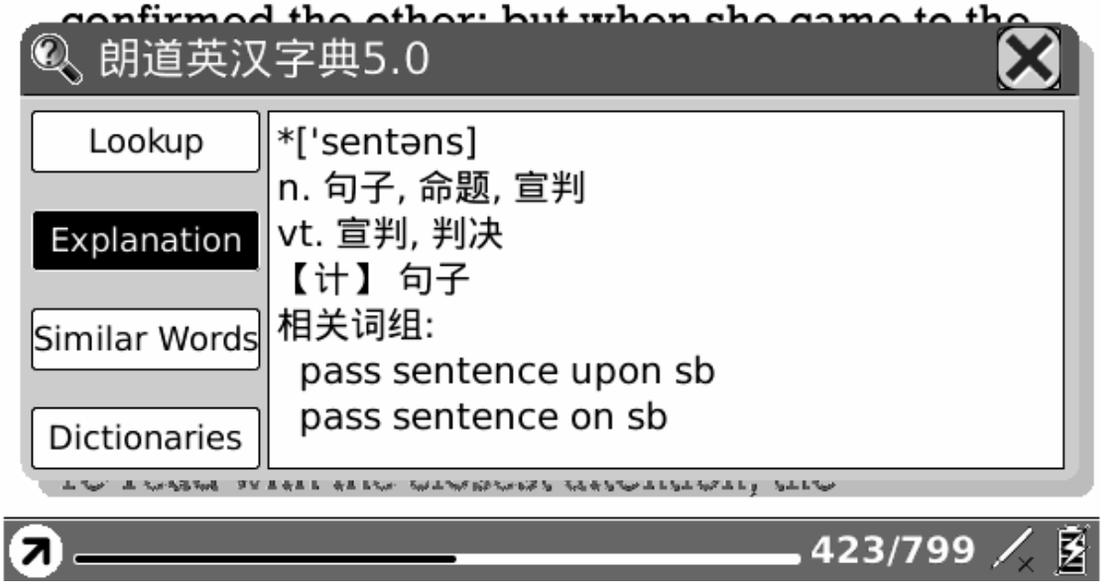

Fig. 6.4.11.2 (2) Select a Word on Content Area

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6.4.13.3 Add Bookmark

Add a bookmark of current page.

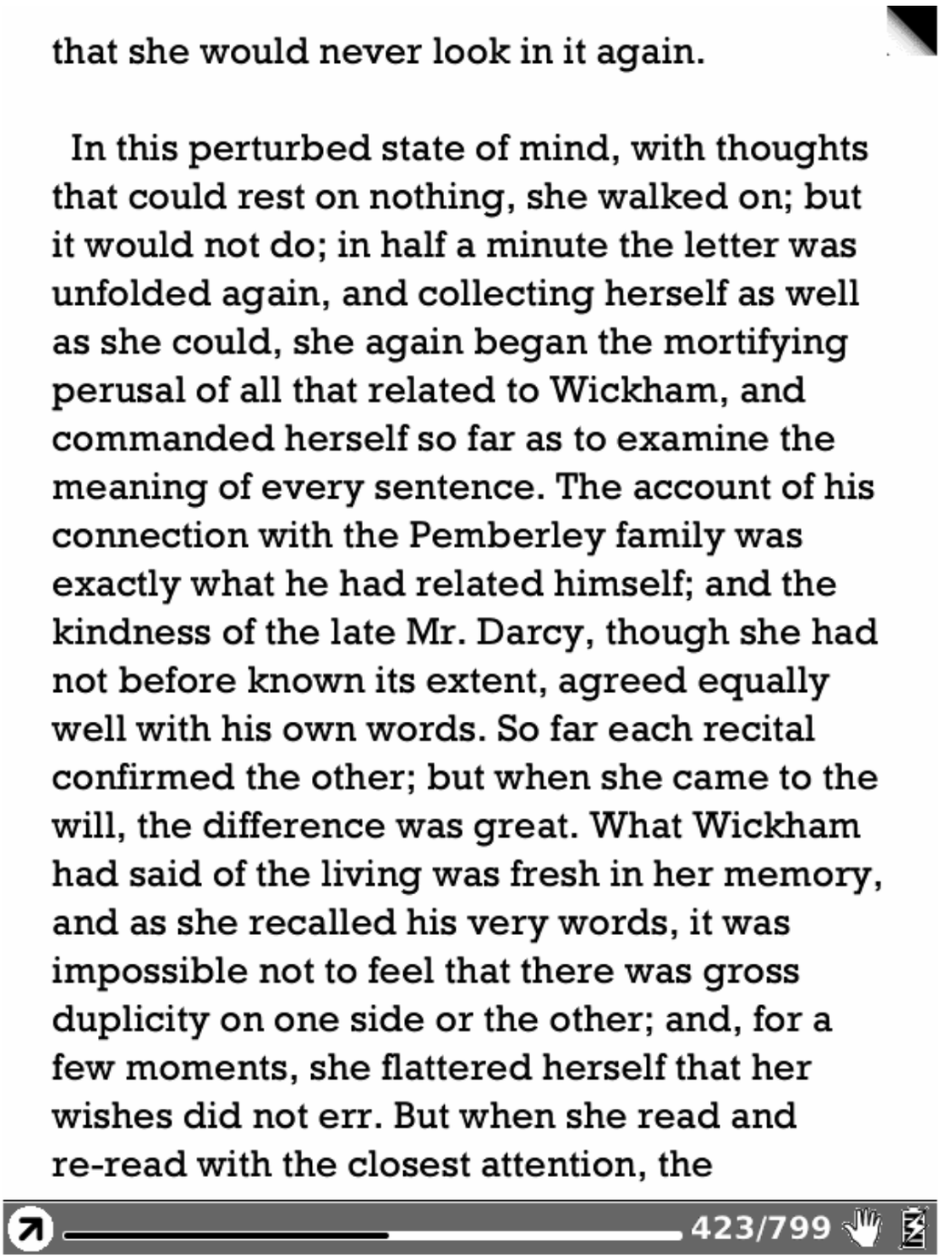

Fig. 6.4.11.3 Snapshot of Adding Bookmark

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6.4.13.4 Delete Bookmark

Delete the bookmark of current page.

6.4.13.5 Show Bookmarks

Show all bookmarks in a list view. The front text portion as well as the number of the bookmarked page is displayed in an item. You can jump to the target page by selecting the bookmark item.

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Fig. 6.4.11.5 Snapshot of Bookmarks View

6.4.13.6 Hand Tool

Select the hand tool item in the menu to enable browsing through document by stylus.

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6.4.13.7 Previous View

Select previous/next view to retrace the path within a document. Select item Previous View **to return to previous screen while browsing document.**

6.4.13.8 Next View

Select item Next View **to go to next screen while browsing document. This button is activated only if you have chosen** Previous View**.**

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6.4.13.9 Slide Show

Continuously display the pages of a document (or documents, e.g. images files) by slide show.

6.4.11.9 Snapshot of Slide Show

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6.4.13.10 Thumbnail View

Display the images by thumbnail view. Now the thumbnails are displayed by two columns and 2 rows.

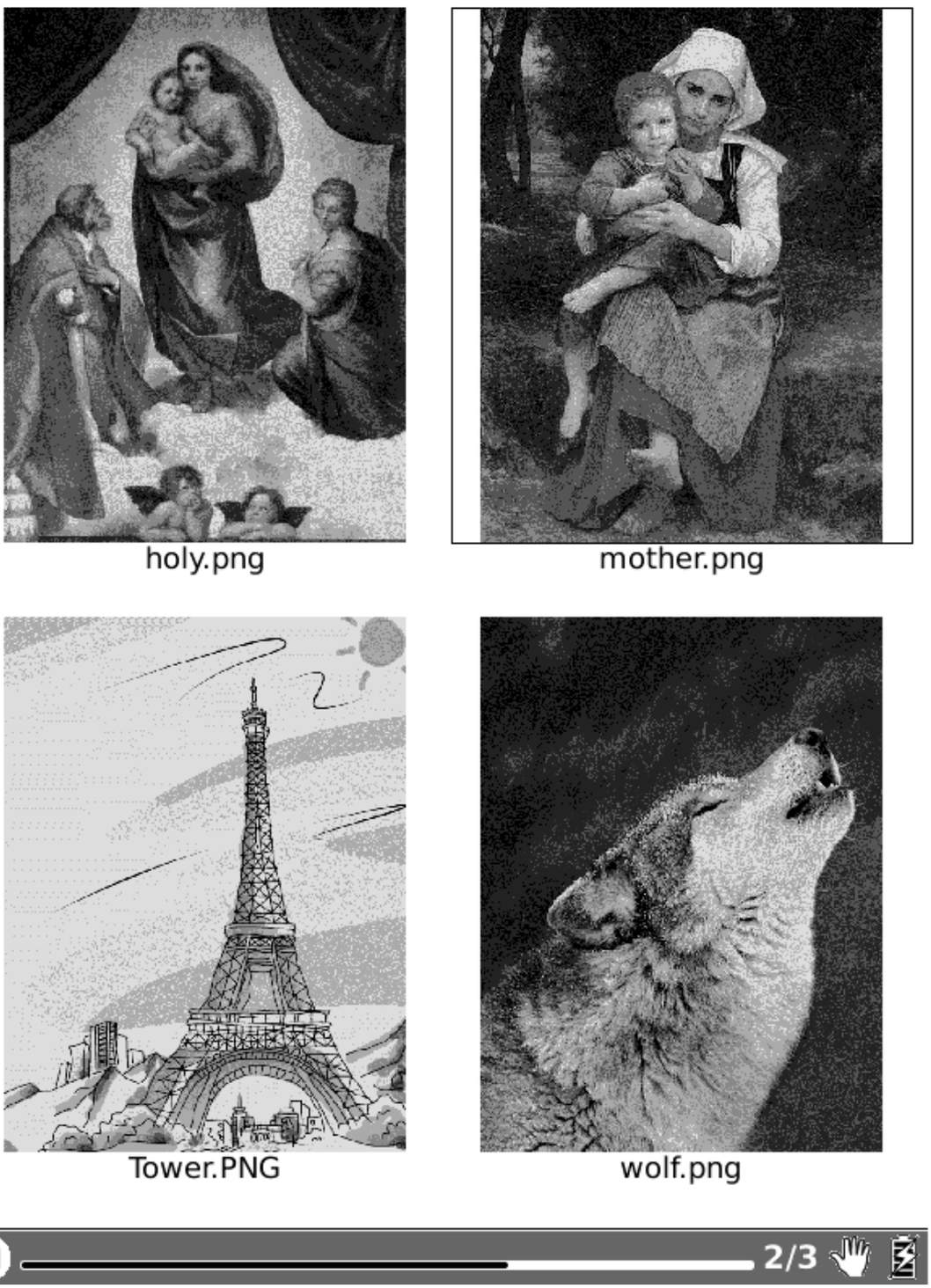

Fig. 6.4.11.10 Snapshot of Thumbnail View

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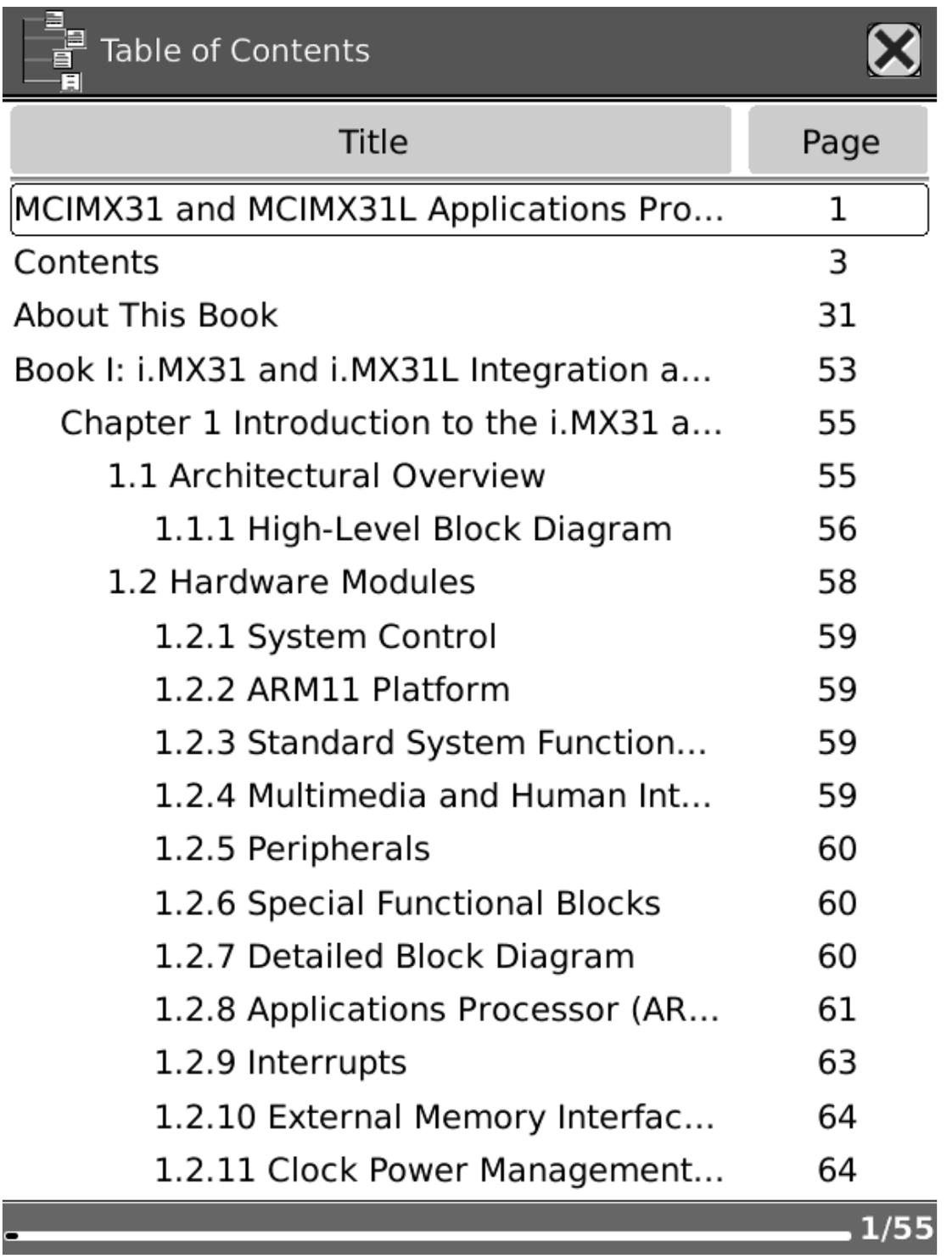
6.4.13.11 Table of Content

Display the table of content of current document by list view. You can jump to a target page by selecting an item.



6.4.11.11 Snapshot of Table of Content

6.4.11.12 Select Background (of Notepad)

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Select background of notepad. The new background replaces the previous one in current page.

6.4.13.12 Export

Export all of the pages in a notepad to SD card. The exported images are saved in folder “notes” of SD card.

6.4.13.13 Insert Page

Insert a new page before current one.

6.4.13.14 Remove Page

Remove current page.

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6.4.14 Font Family

Configure the font family while viewing a document. The existing font families of Boox are shown on the menu.

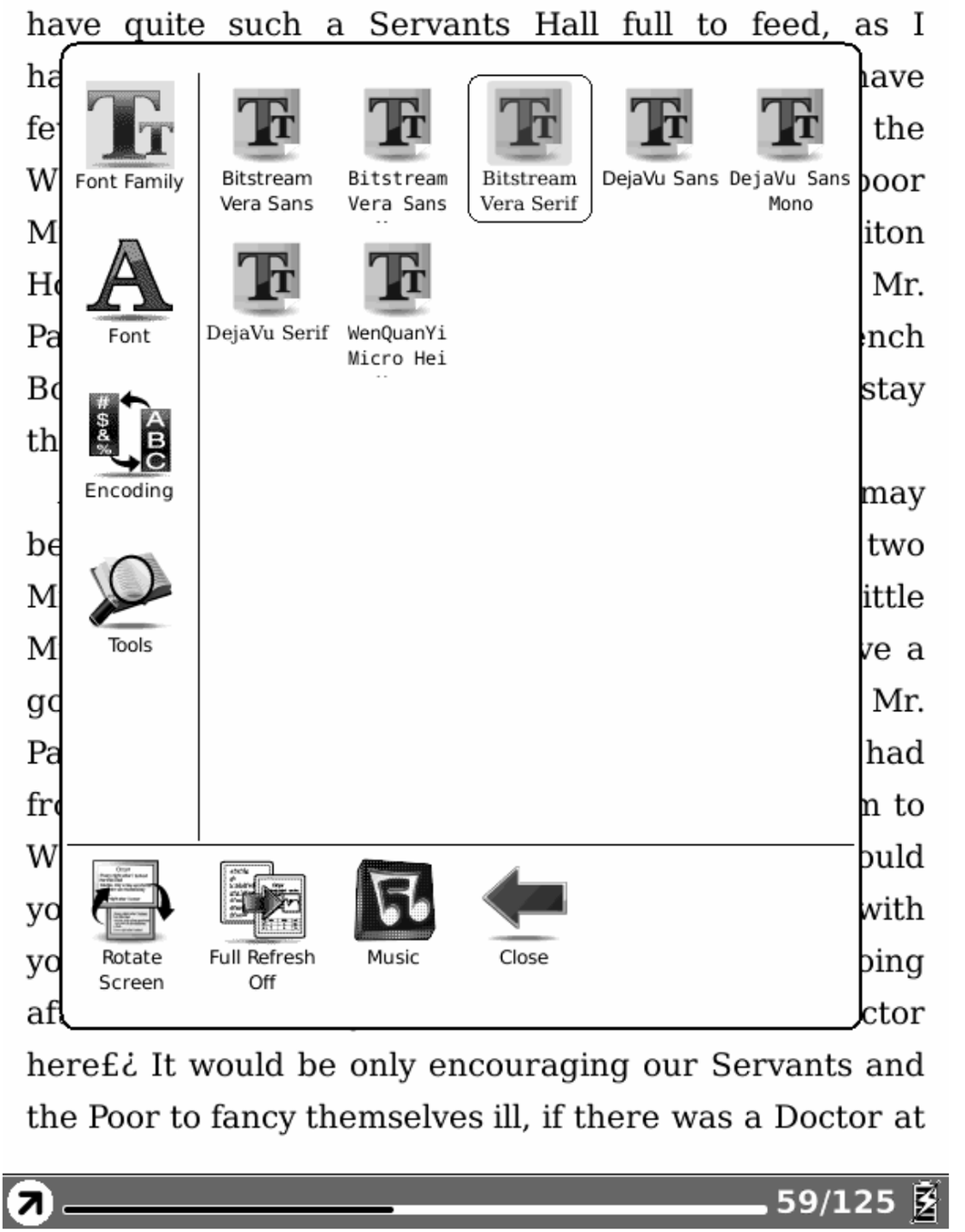

Fig. 6.4.12 Snapshot of Font Family Configuration

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6.4.15 Encoding

Configure the encoding type while viewing text-based document. The configurable encoding types are shown on the menu.

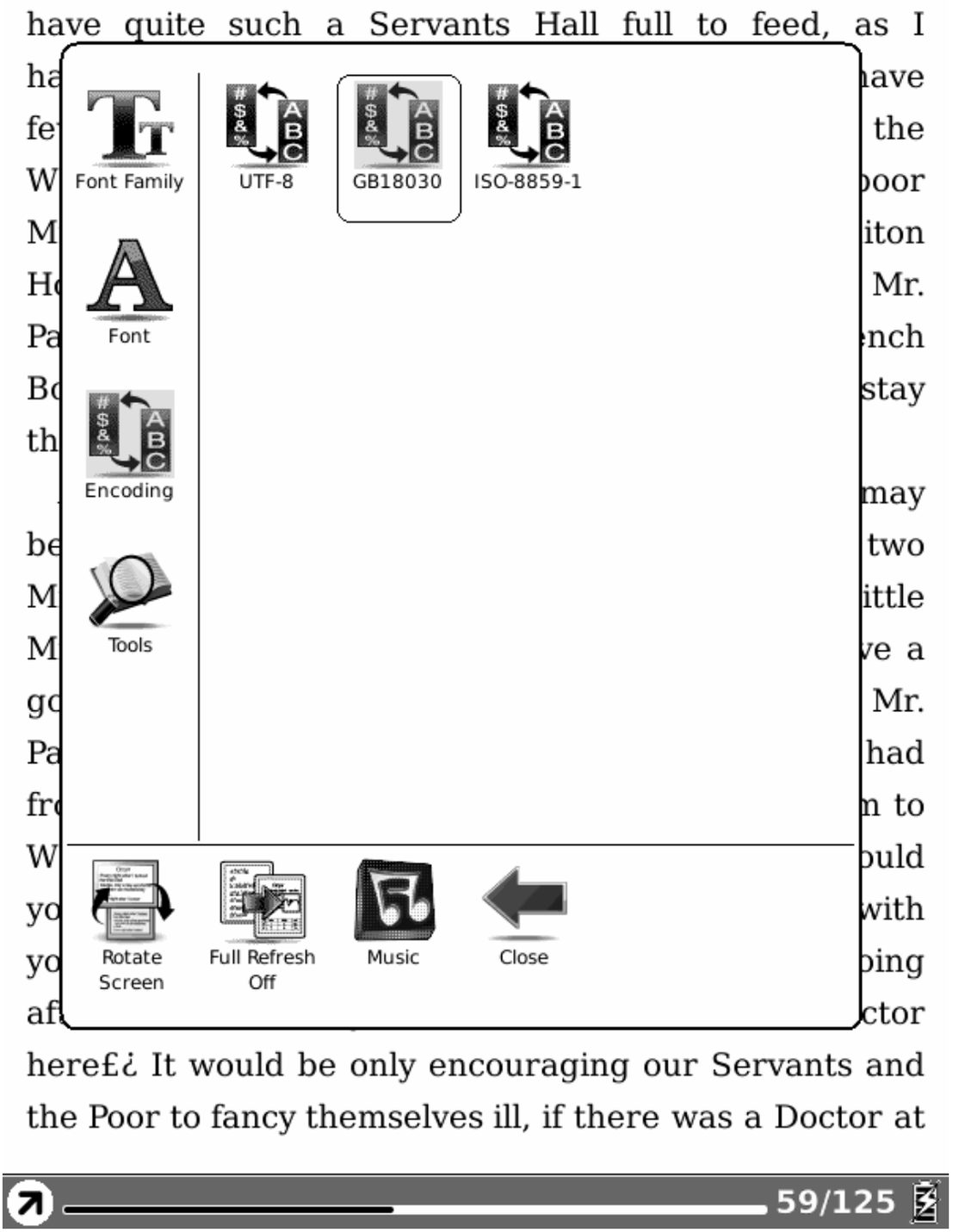

Fig.6.4.13 Snapshot of Encoding Configuration

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6.4.16 Full Refresh Switch

Set screen update type. You can turn on/off full refresh.

6.4.17 Navigation

Navigation operations are used for accessing websites and viewing html-based documents, e.g. CHM document.

6.4.17.1 Backward

Go back to previous website.

6.4.17.2 Forward

Go forward to next website. This button is activated only if you have chosen Backward**.**

6.4.17.3 Home

Go to the home page.

6.4.18 Network

Configure the network connection.

6.4.18.1 Wifi

Configure the wifi connection.

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6.5 Web Browser

Through built-in web browser, you can access the specified websites.

Fig. 6.5 Snapshot of Web Browser

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6.5.1 Tool Bar

Tool bar provides four functions: going back to the previous website, going forward to the next website, refreshing current website, stopping the loading of current page.

6.5.1 Tool Bar of Web Browser

6.5.2 Input by Keyboard

You can input text on website by stylus if the page provides standard form widget. A keyboard appears after you put focus on the form. The input text string is displayed on the form after you confirm the input is done (by clicking OK button).

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6.5.2 Snapshot of Inputting Text on Website

6.6 Music Player

Music player of Boox supports MP3 files.

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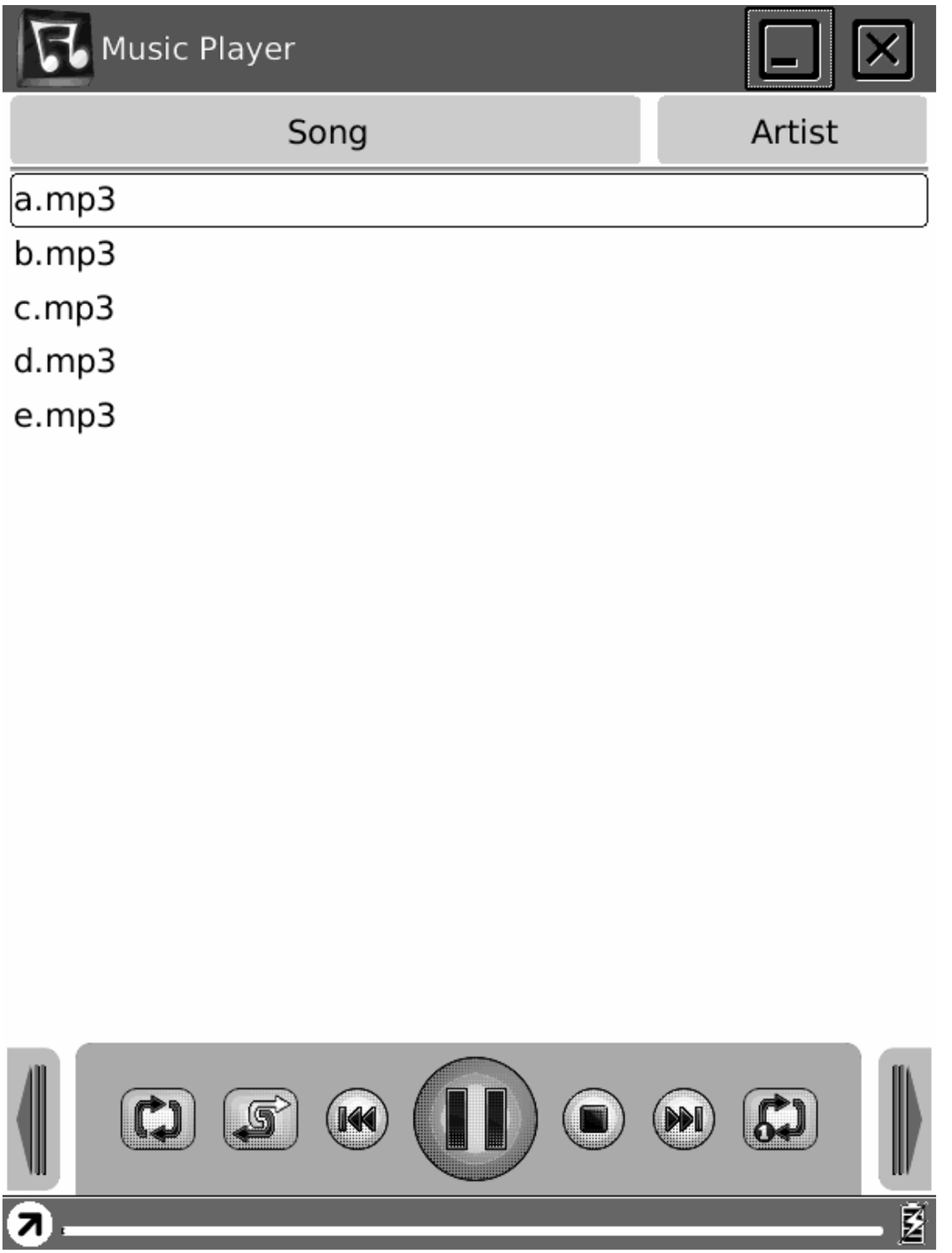

6.6 Snapshot of Music Player

6.6.1 Playlist

Displays the music list and the current song.

6.6.2 Minimize Button

Minimize the music player.

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6.6.3 Close Button

Close the music player.

6.6.4 Repeat Playlist Button

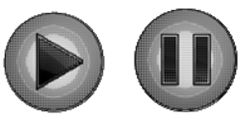
Repeat playing the songs of playlist.

6.6.5 Shuffle Switch Button

Switch between shuffle playing and normal playing modes.

6.6.6 Previous Song Button

Turn to previous song.

6.6.7 Play/Pause Switch Button 

Switch between playing and pausing modes.

6.6.8 Stop Button

Stop the music playing.

6.6.9 Next Song Button

Turn to the next song.

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6.6.10 Repeat Current Song Button

Repeat playing current song.

6.6.11 Previous Page Button

Turn to previous page of playlist.

6.6.12 Next Page Button

Turn to next page of playlist.

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6.6.13 Playing Status Bar

Display the playing progress of current song.

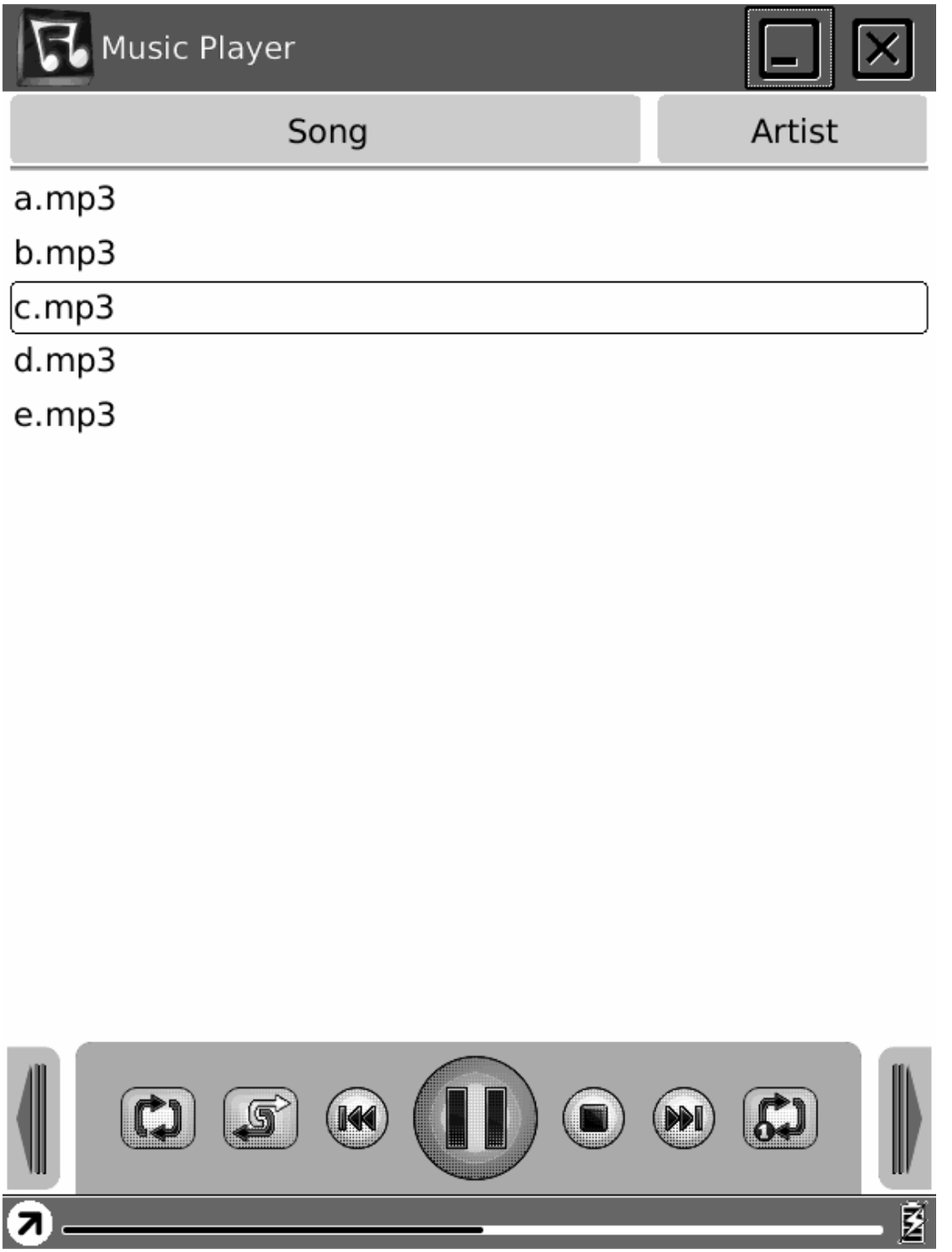

Fig. 6.6.13 Snapshot of Playing Status Bar

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6.7 Keyboard

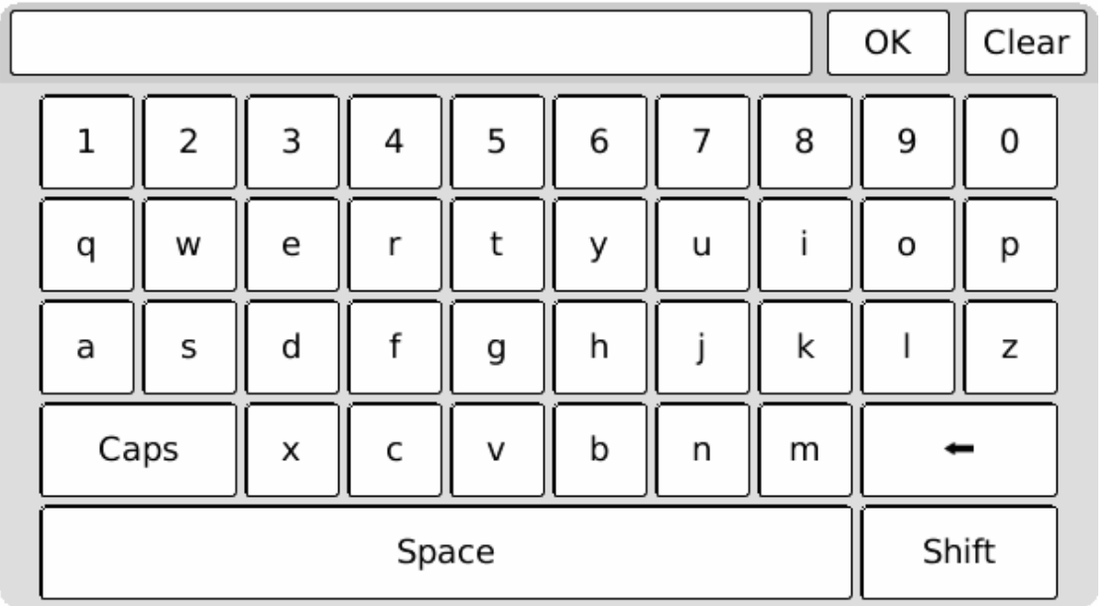

Fig. 6.7 Snapshot of Keyboard

6.7.1 Number Keys

You can input numbers by these keys.

6.7.2 Character Keys

You can input characters by these keys.

6.7.3 Caps Key

Switch all of the characters between lowercase and uppercase.

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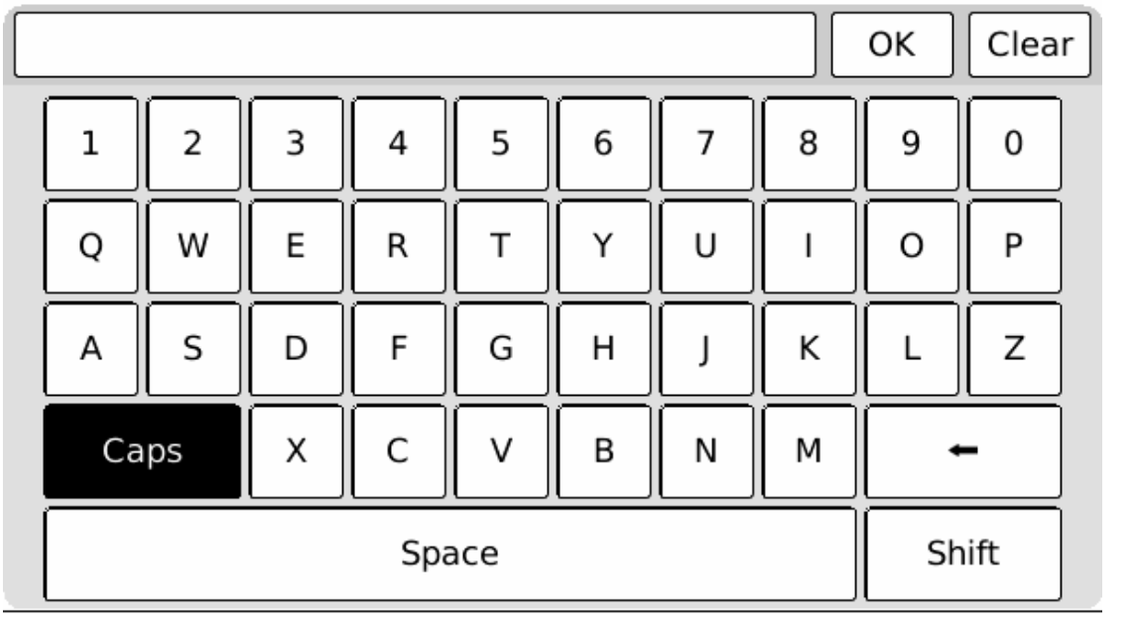

Fig. 6.7.3 Caps is Activated

6.7.4 Back Key

Move the cursor to previous character and remove current one.

6.7.5 Space Key

Insert a space character.

6.7.6 Shift Key

Shift between characters (including numbers) and symbols.

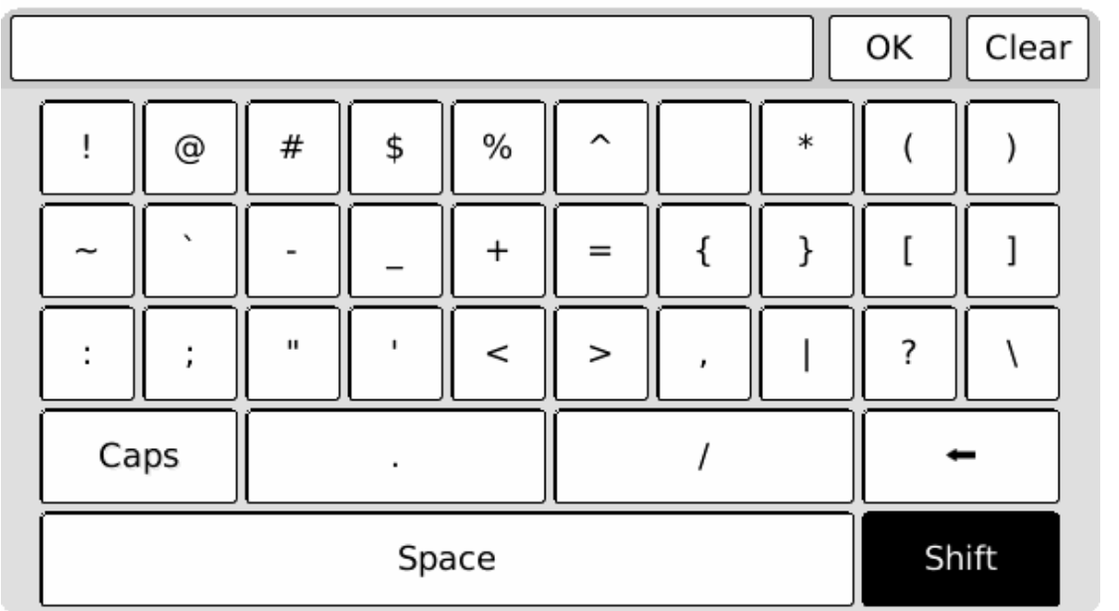

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Fig. 6.7.6 Shift Key is Activated

6.8 Search View

Search view is used for inputting the pattern string and other requirements when you search for files or texts.

6.8.1 Free Text Search

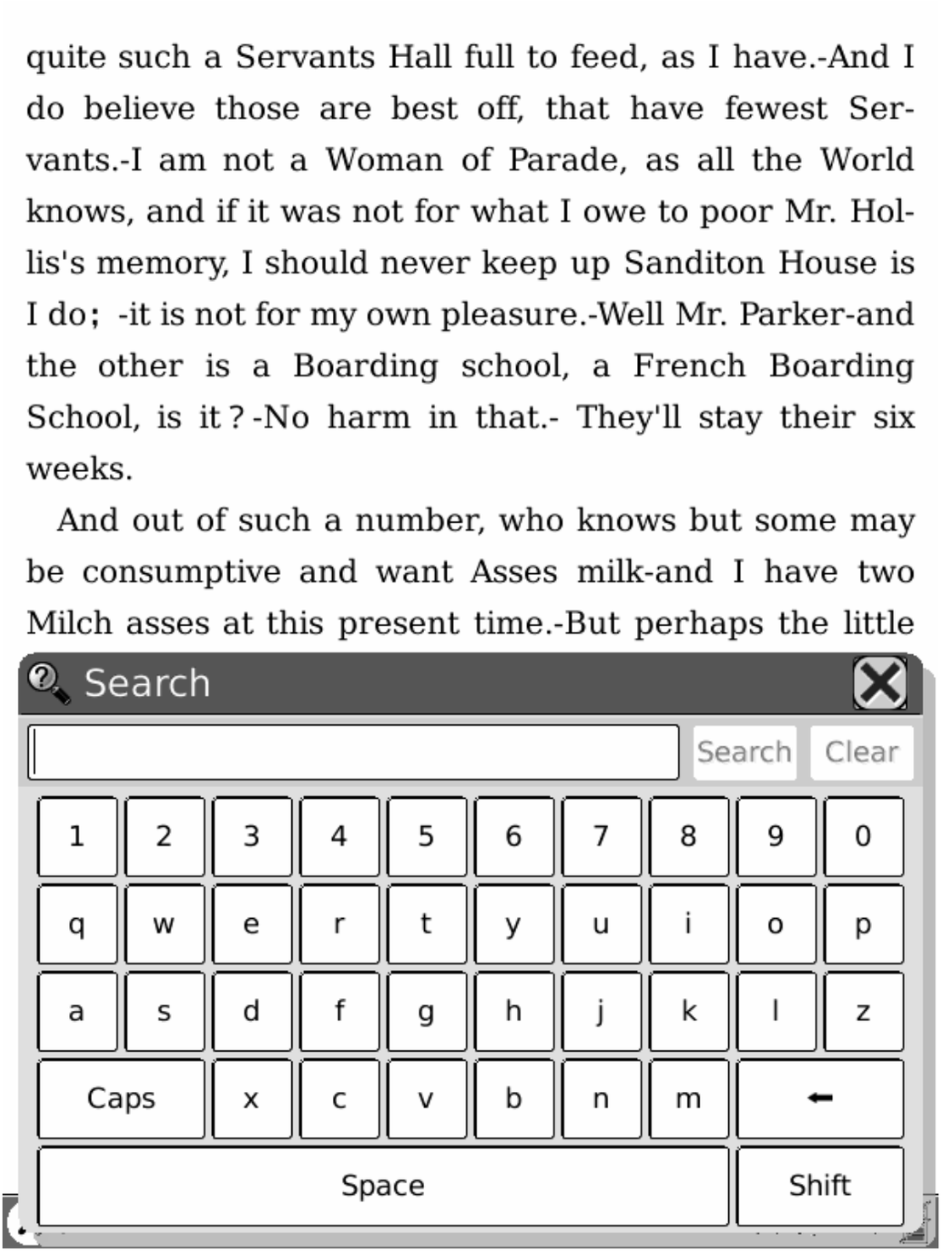

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Fig. 6.8.1 Snapshot of Free Text Search

6.8.1.1 Input Box

Display the input pattern string.

6.8.1.2 Search Button

Start searching after clicking this button. The search results of a screen are highlighted.

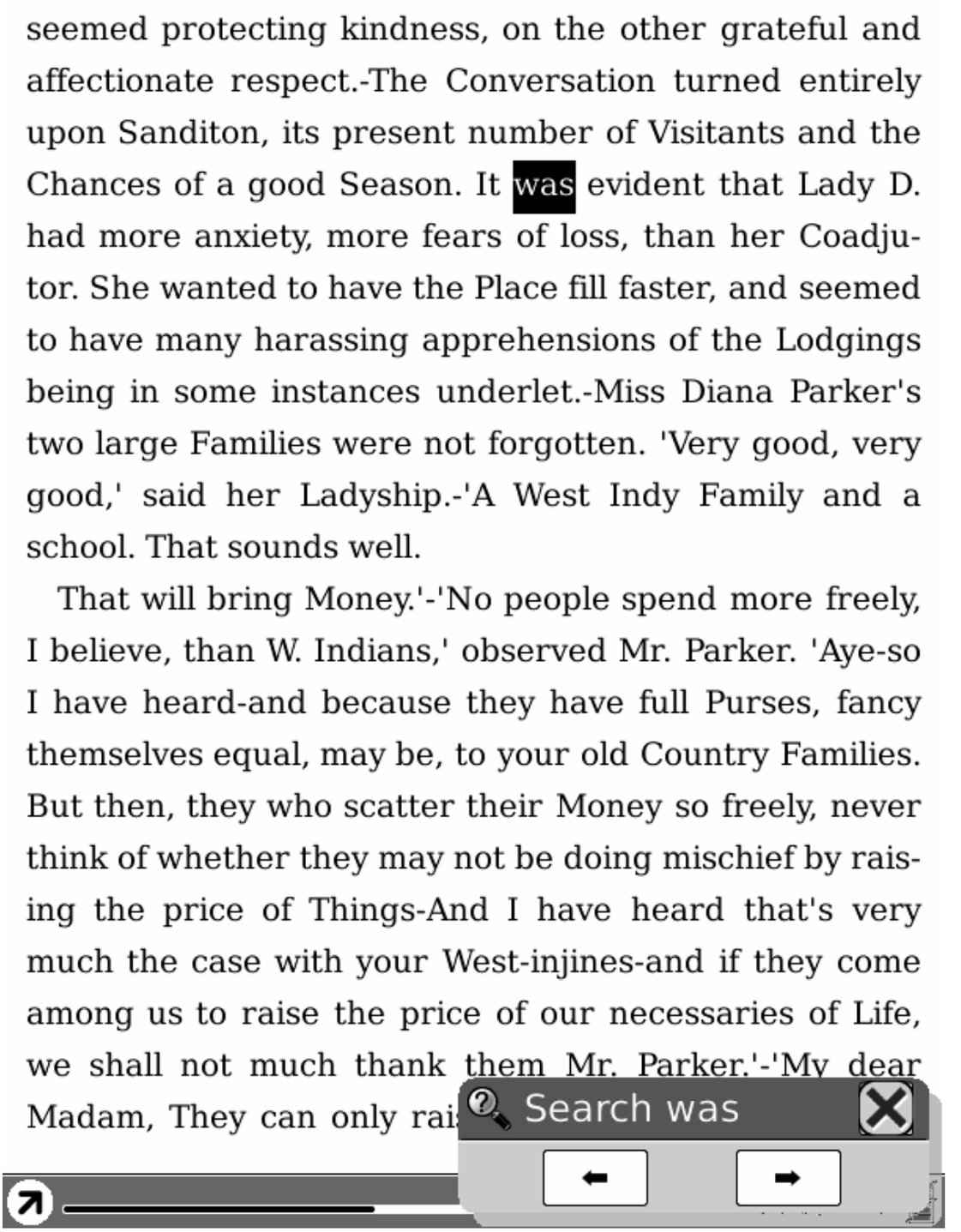

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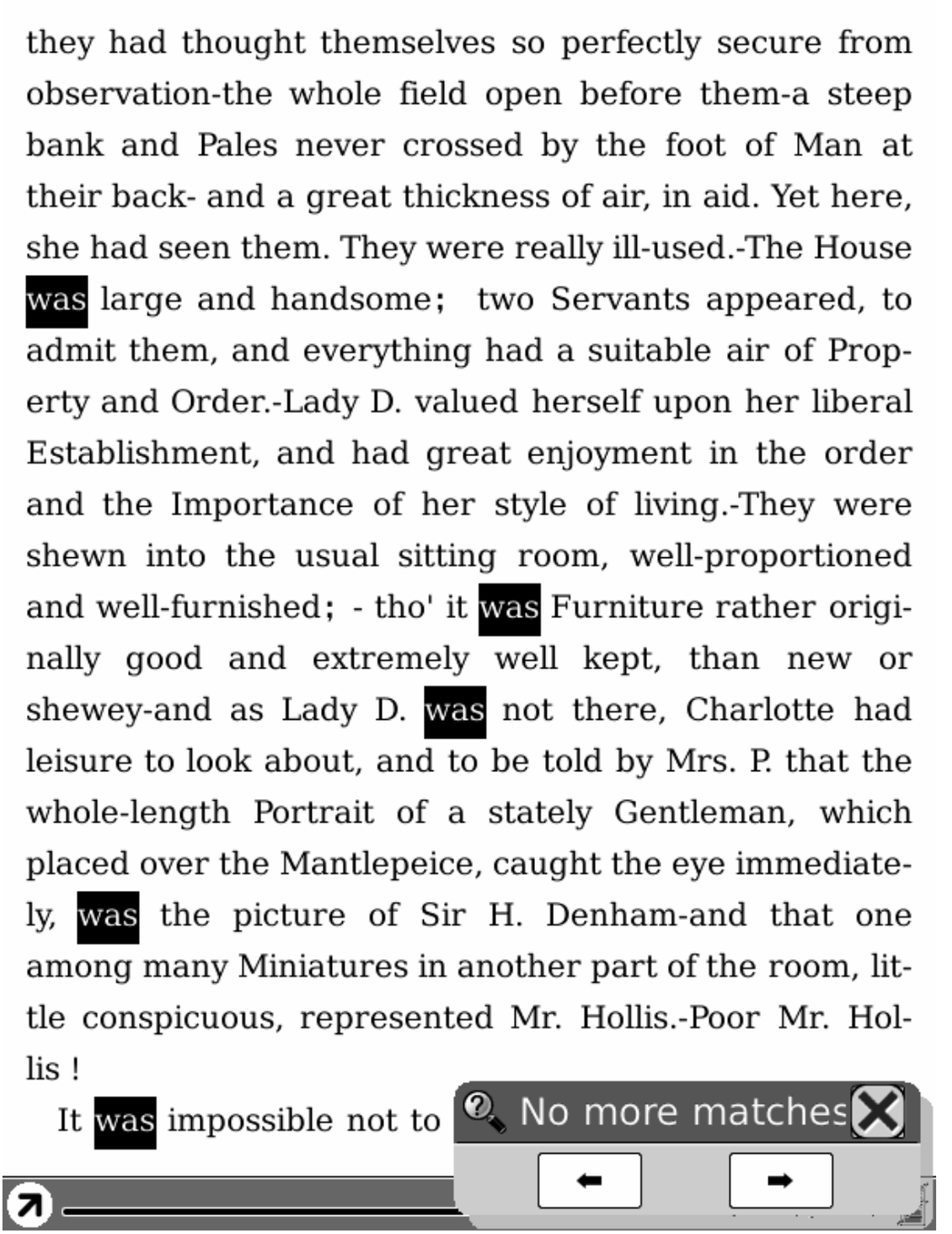
Fig. 6.8.1.2 (1) Search Results of Texts

If no matched result is found, the dialog displays ‘No More Matches’.



Fig, 6.8.1.2 (2) No More Matches

6.8.1.3 Clear Button

Clear the input pattern string.

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6.8.2 File Search

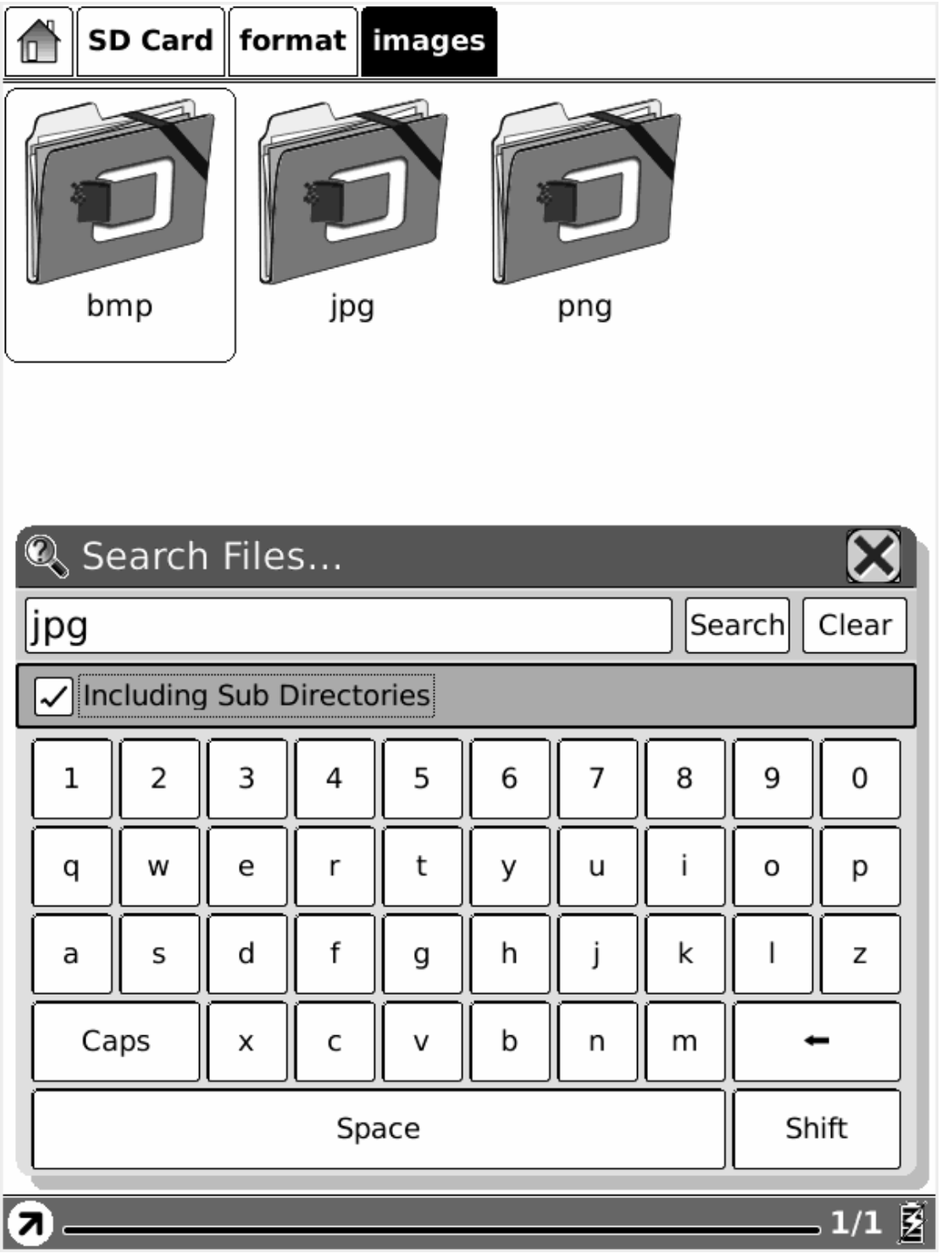

Fig. 6.8.2 Snapshot of File Search

6.8.2.1 Input Box

Display the pattern string used for searching the files.

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6.8.2.2 Search Button

Start searching after clicking this button. The search results of all matched files are displayed.

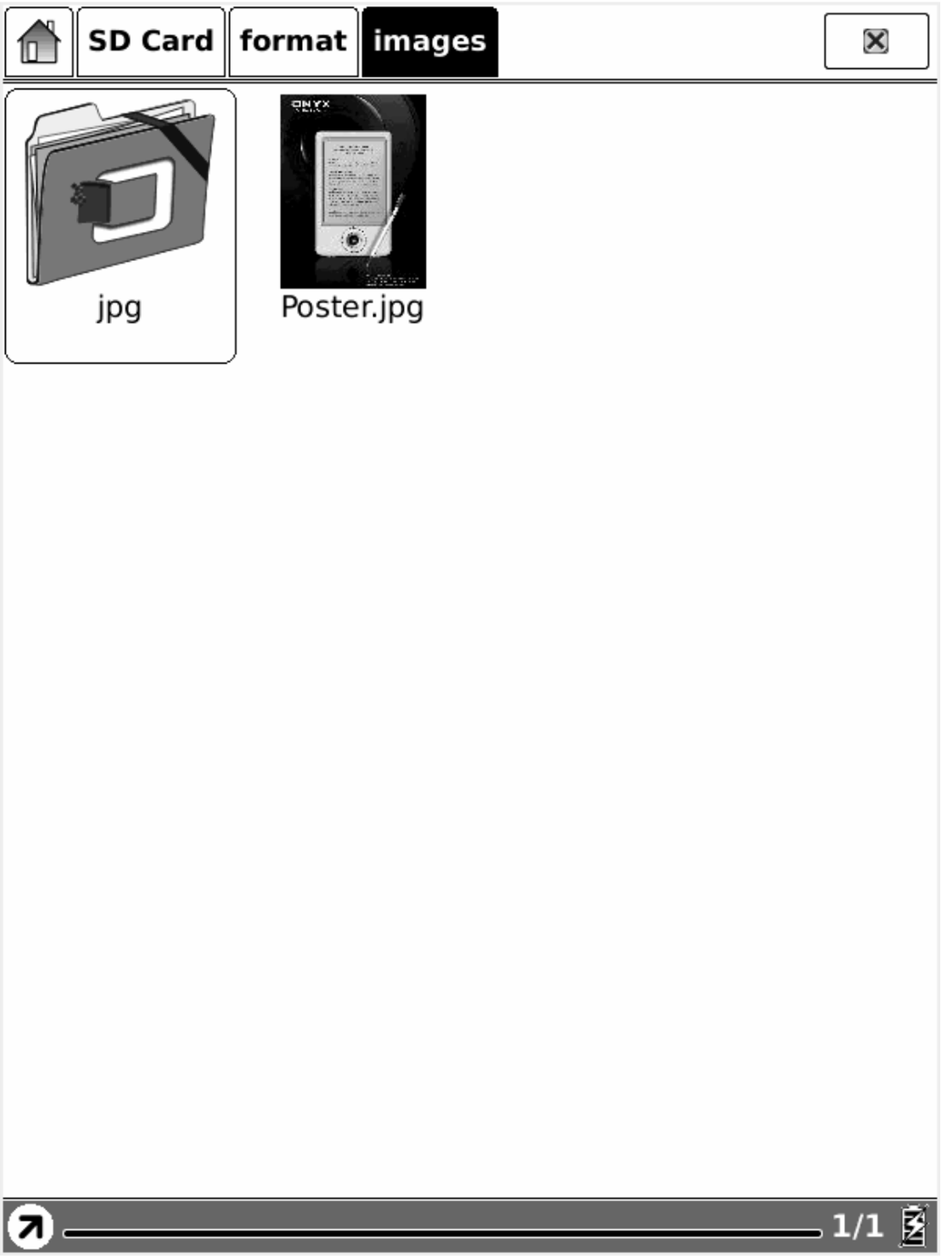

Fig. 6.8.2.2 Search Results of Files

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6.8.2.3 Clear Button

Clear the input pattern string.

6.8.2.4 Check Button of Including Subdirectories

Check this button to include the subdirectories for searching.

6.9 Dictionary View

Dictionary view is used for translating or explaining a pattern string. You select a string from the texts of current screen, then the translation or explanation of this string displays on the content view.

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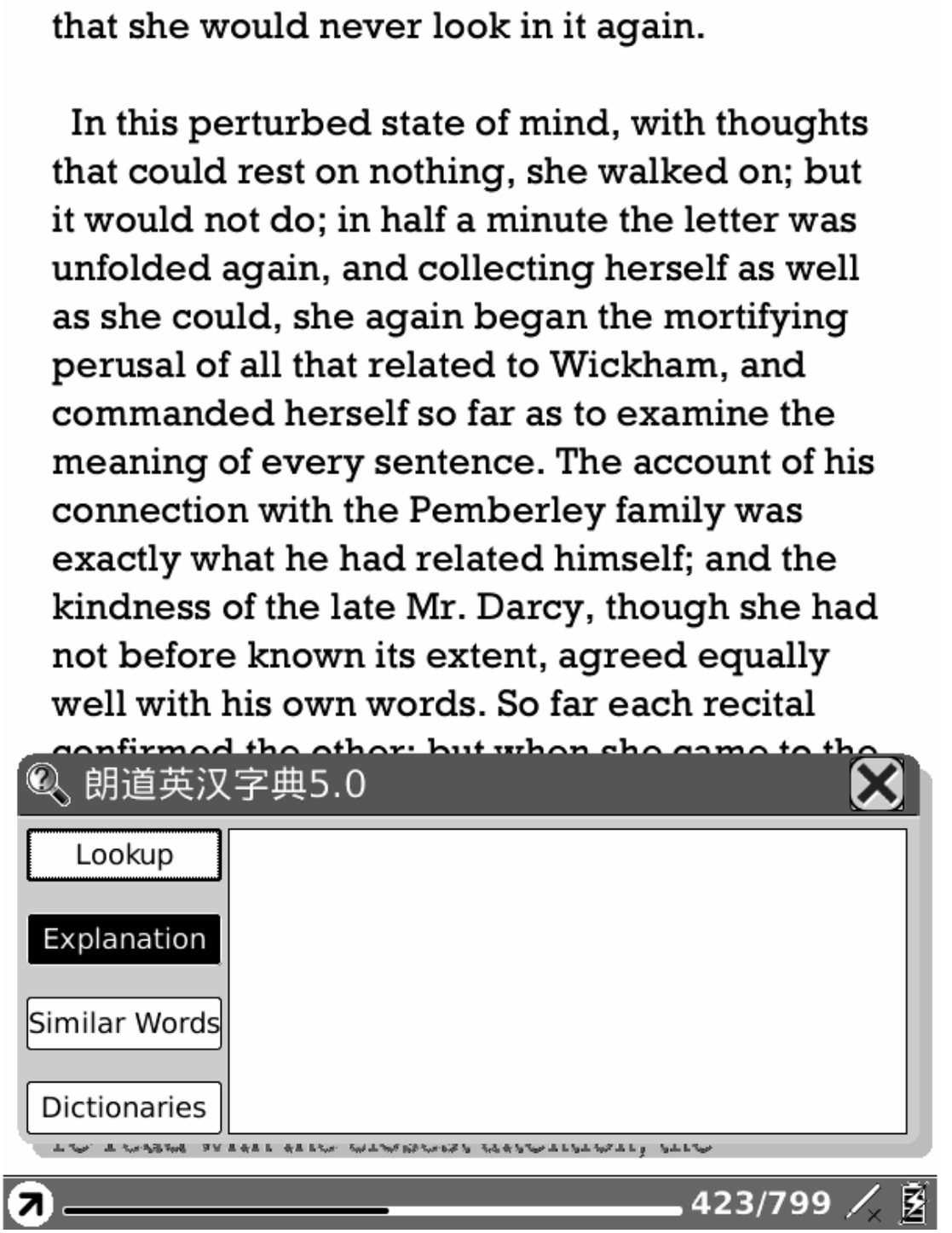

Fig. 6.9 Dictionary View

6.9.1 Content View

Display the translation or explanation of the pattern string.

6.9.2 Explanation Button

Click this button to display the explanation of the pattern string.

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6.9.3 Similar Words Button

Click this button to display the similar words of the pattern string.

6.9.4 Dictionaries Button

Click this button to display the translation of the pattern string.

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6.10 Annotations View

Display all of the annotations of the document by list view.

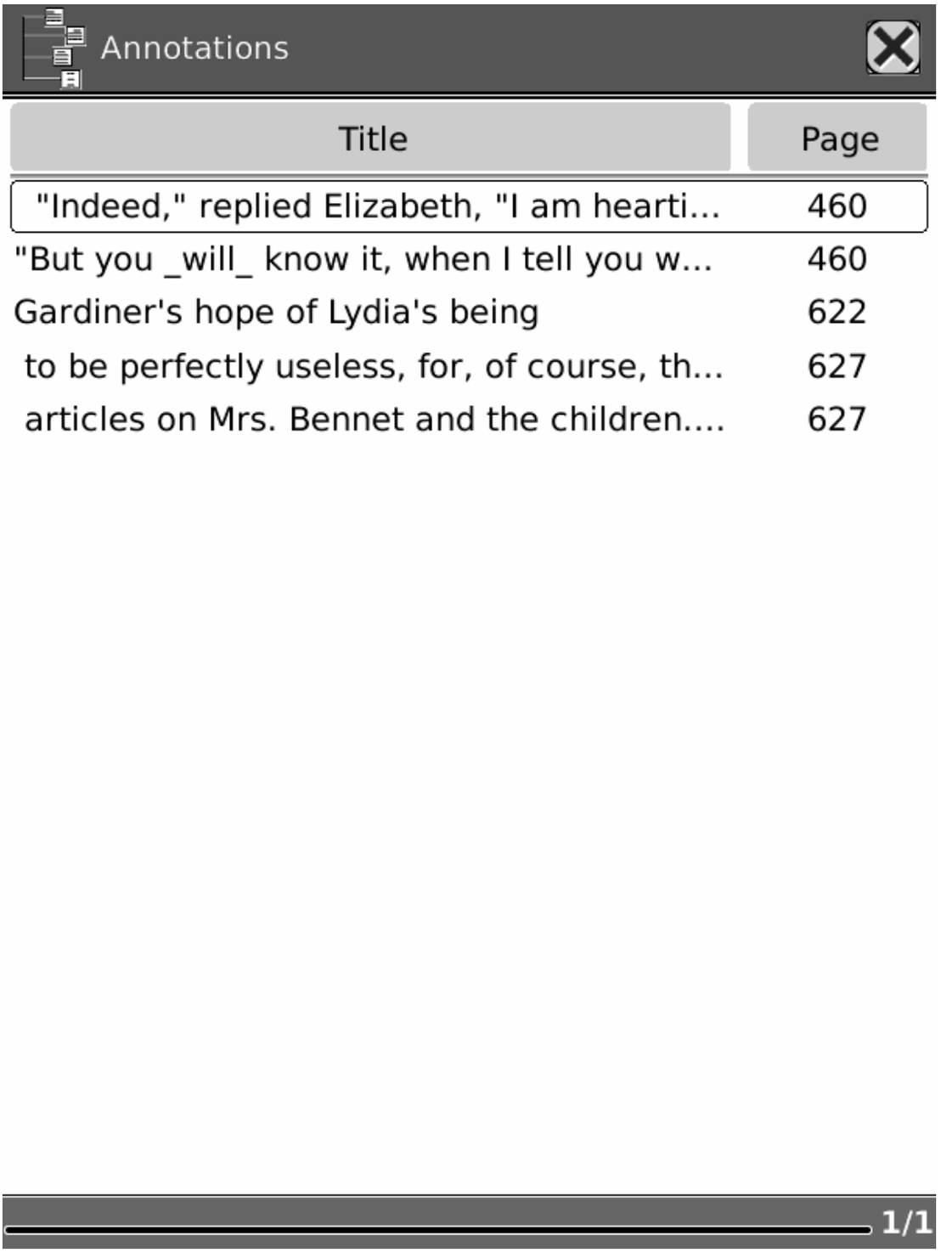

Fig. 6.10 Snapshot of Annotations View

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6.11 Bookmarks View

Display all of the bookmarks of the document by list view.

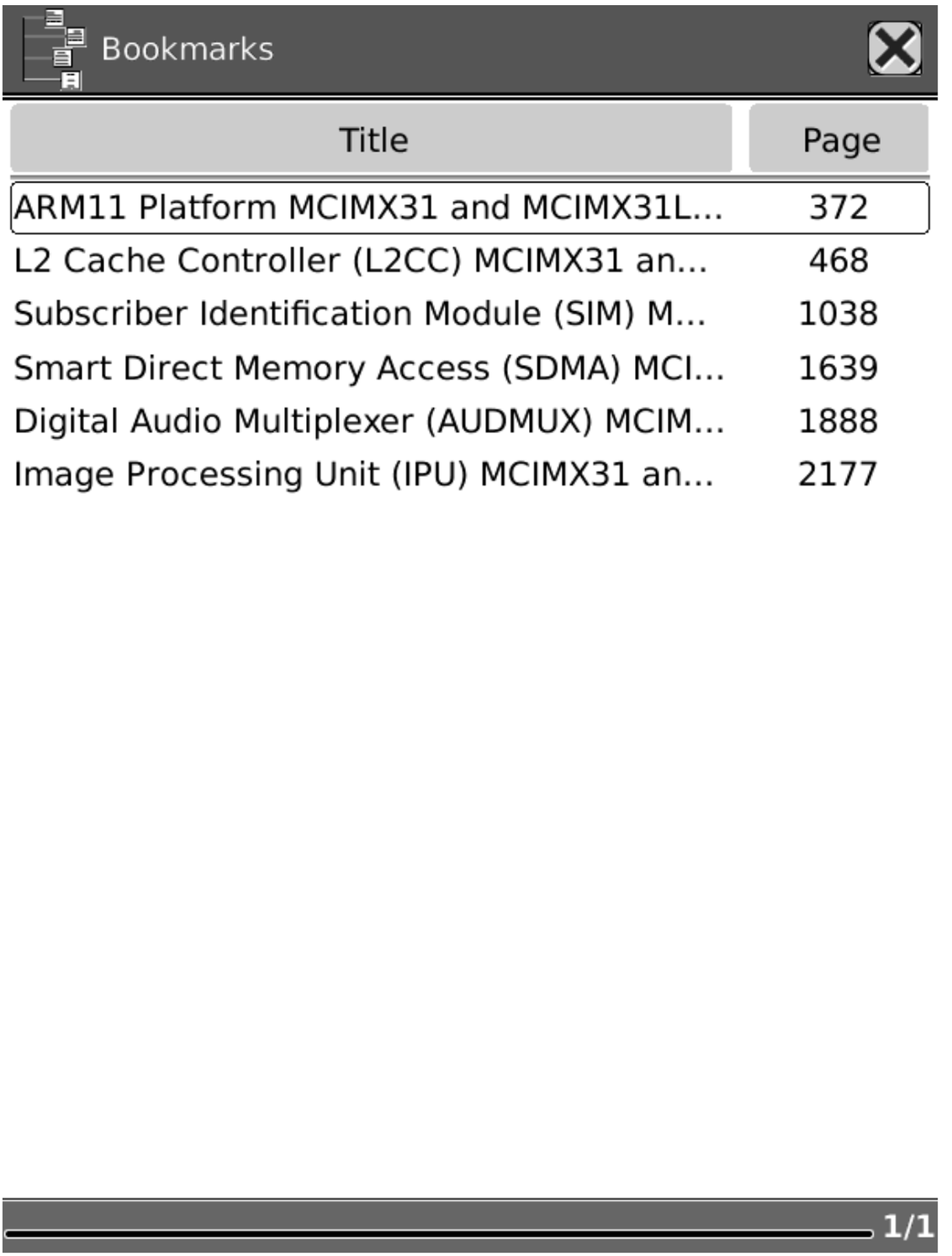

Fig. 6.11 Snapshot of Bookmarks View

6.12 Wifi Configuration Dialog

Configure the wifi through this dialog. The operations used for activating a wifi access

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point are:

- **Make sure the wifi switch is turned on (slide upward)**
- **Boox scans the wifi access points around**
- **All of the connectable access points are listed**
- **You select one then Boox starts connecting to it**
- **If it is an encrypted access point, a keyboard dialog pops up. You can input password for connection.**

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Fig. 6.12 Snapshot of Wifi Configuration Dialog

6.12.1 Scanning List

List all of the scanned results (wifi access points).

6.12 2 Connecting Message Area

Display the current status of connection.

6.12.3 Refresh Button

Click Refresh button to rescan the access points.

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6.12.4 Configuring WPA Security Access Point

Input the password for WPA security access point.

Fig. 6.12.4 Snapshot of Configuring WPA Security Access Point

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6.12.5 Configuring WEP Security Access Point

Input the password for WEP security access point.

Fig. 6.12.5 Snapshot of Configuring WEP Security Access Point

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7 Sketch

After activating sketch functions (by menu 6.4.9.4), you can make new sketches or erase existing ones.

7.1 Make new sketches

You can sketch on the drawing area by stylus.

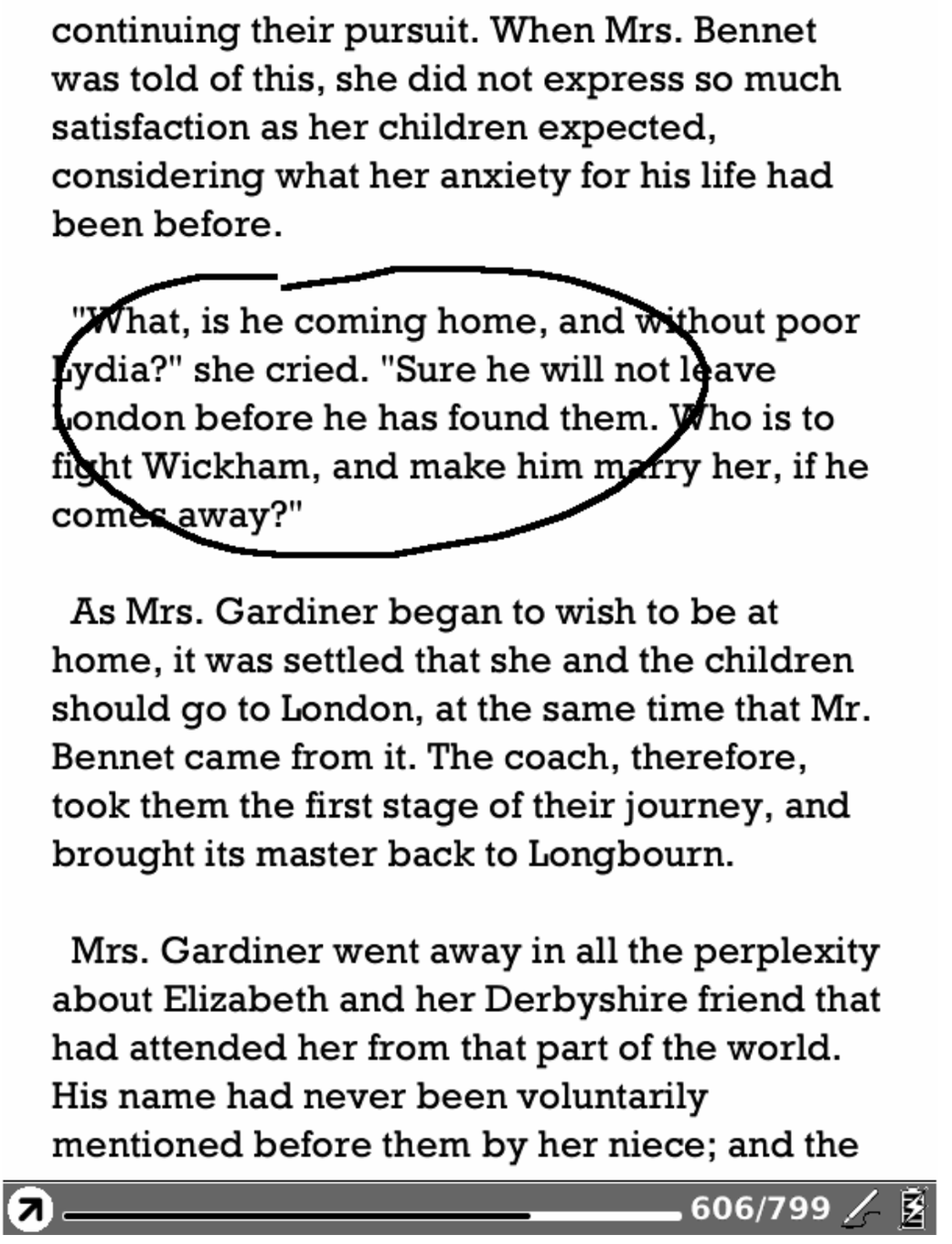

Fig. 7.1 Snapshot of Sketching

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7.2 Erase

You can erase the drawn sketches by stylus. You can click on the stroke or drag across it, then the stroke disappears immediately.

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8 Annotation

After activating annotation functions (by menu 6.4.9.1), you can make new annotations or erase existing ones.

8.1 Add Annotation

After selecting function ‘Add Annotation’, you can highlight the texts you are interested on by dragging the stylus pen. You can also highlight the word by clicking any

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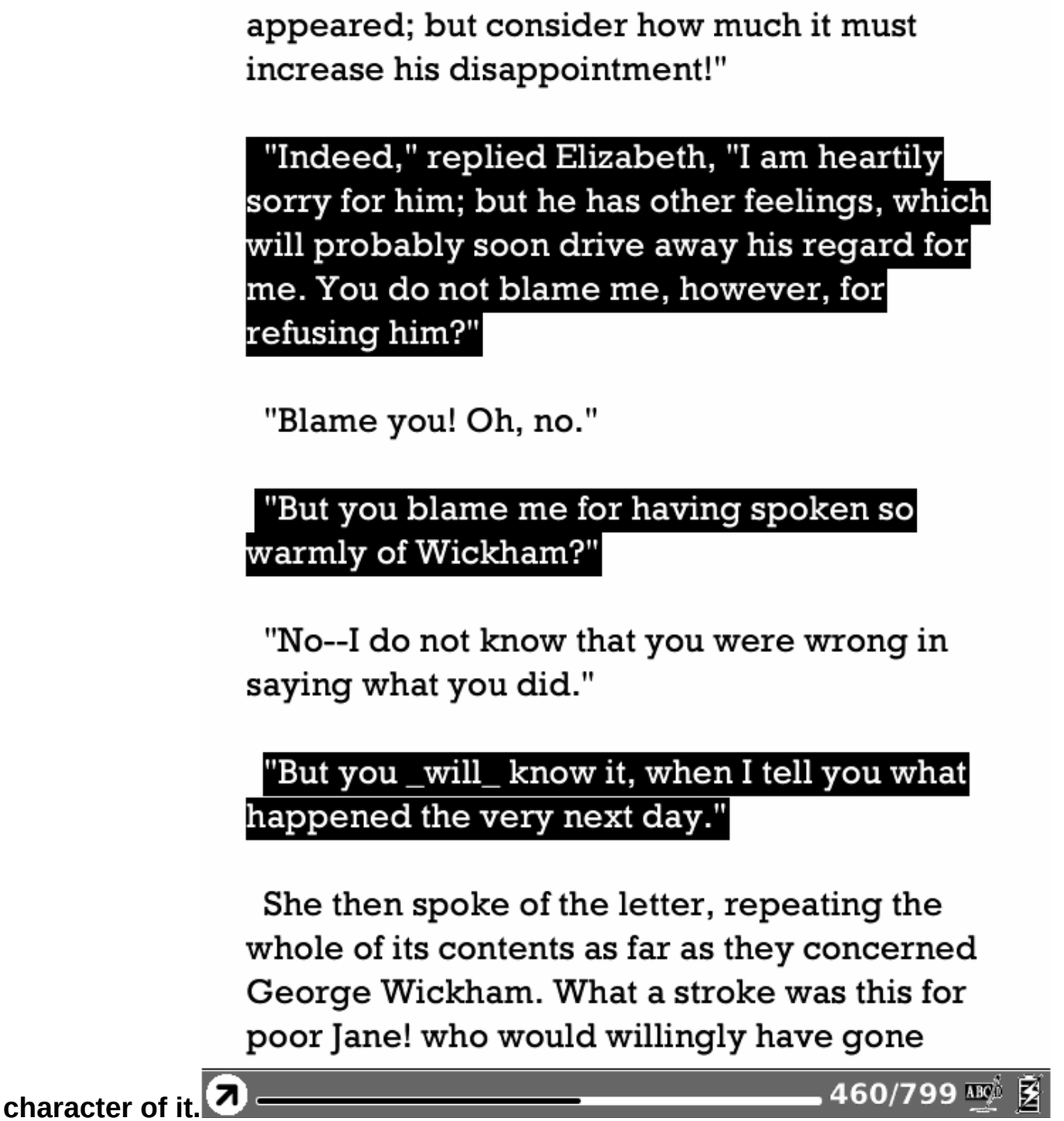

Fig. 8.1 Add Annotation

8.2 Erase Annotations

You can erase an annotation by stylus. You can click on the highlighted area or drag across it, then the annotation is removed.

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9 OTA Functionalities

Boox 60 fully supports Adobe OTA functionalities. You can easily purchase or borrow books from any content provider who uses Adobe Content Server maintaining the DRMed contents.

9.1 Activate Boox 60

Boox 60 must be activated before you use any DRM functionalities, such as purchasing, loaning and returning. The steps of activation are:

1. Get an Adobe ID. You can create an account from the server hosted by the content provider. You can also create it from:

https://www.adobe.com/cfusion/membership/index.cfm

2. Go to the online shop of your content provider and start purchasing a book.

3. A dialog of device activation pops up letting you input the Adobe ID and the password, as shown in Fig.9.1(1).

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Fig.9.1(1) Activate Boox 60

Note: If your device has been activated by ADE, you need only sign in. At this time, a sign-in dialog pops up asking you input the password for a given Adobe ID(you used in ADE).

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Fig.9.1(2) Input Adobe ID and Password

4. The activation starts.

5. Fulfillment of the purchased book starts if activation succeeds.

9.2 Fulfillment

ACS(Adobe Content Server) prepares a DRMed book after you decide to purchase(buy or borrow) it. The book will be downloaded from the server after the DRM process finishes. The whole fulfillment might take several

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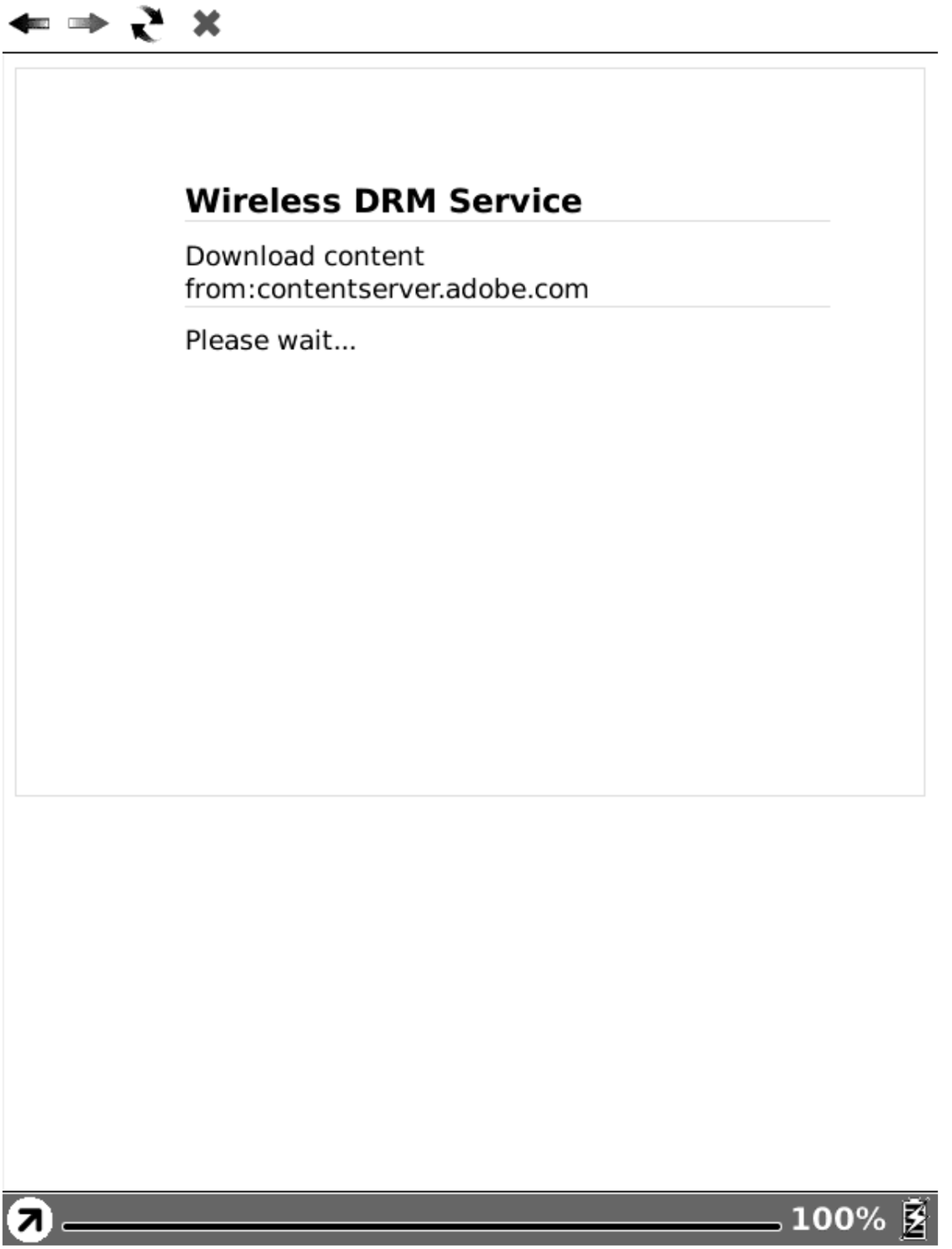
minutes so please wait until it finishes. The web browser displays “Please wait…” notice during this procedure.



9.2(1) Snapshot of “Please wait…” message

You will see the success message after fulfillment finishes. A dialog pops up asking you whether opening the book immediately.

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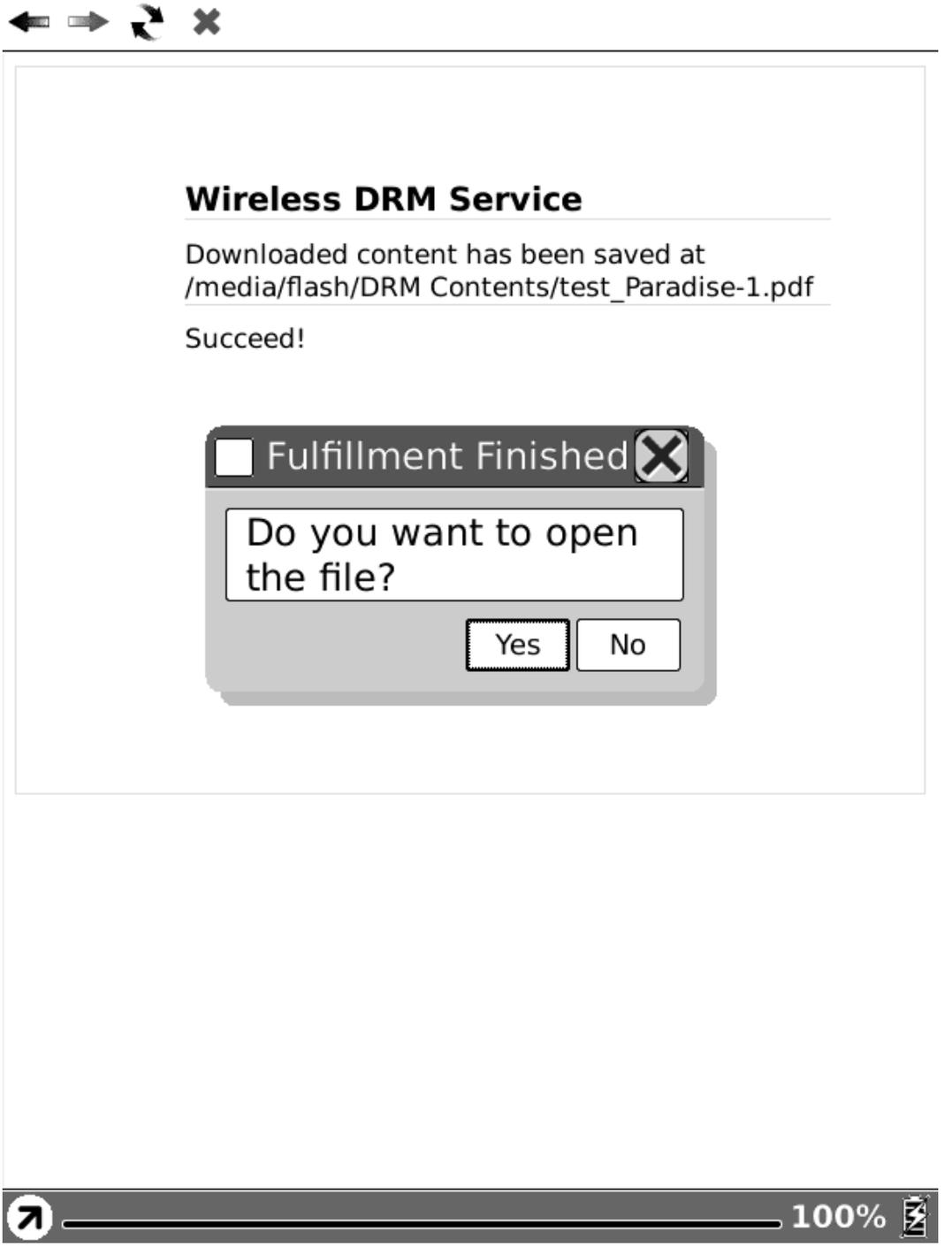

9.2(2) Snapshot of “Fulfillment Succeed” message

The errors will be displayed if the fulfillment fails by any causes.

9.3 Return a Loan Book

You can return a borrowed book by selecting “return book” functionality in menu of main view. You need configure the network before returning it.

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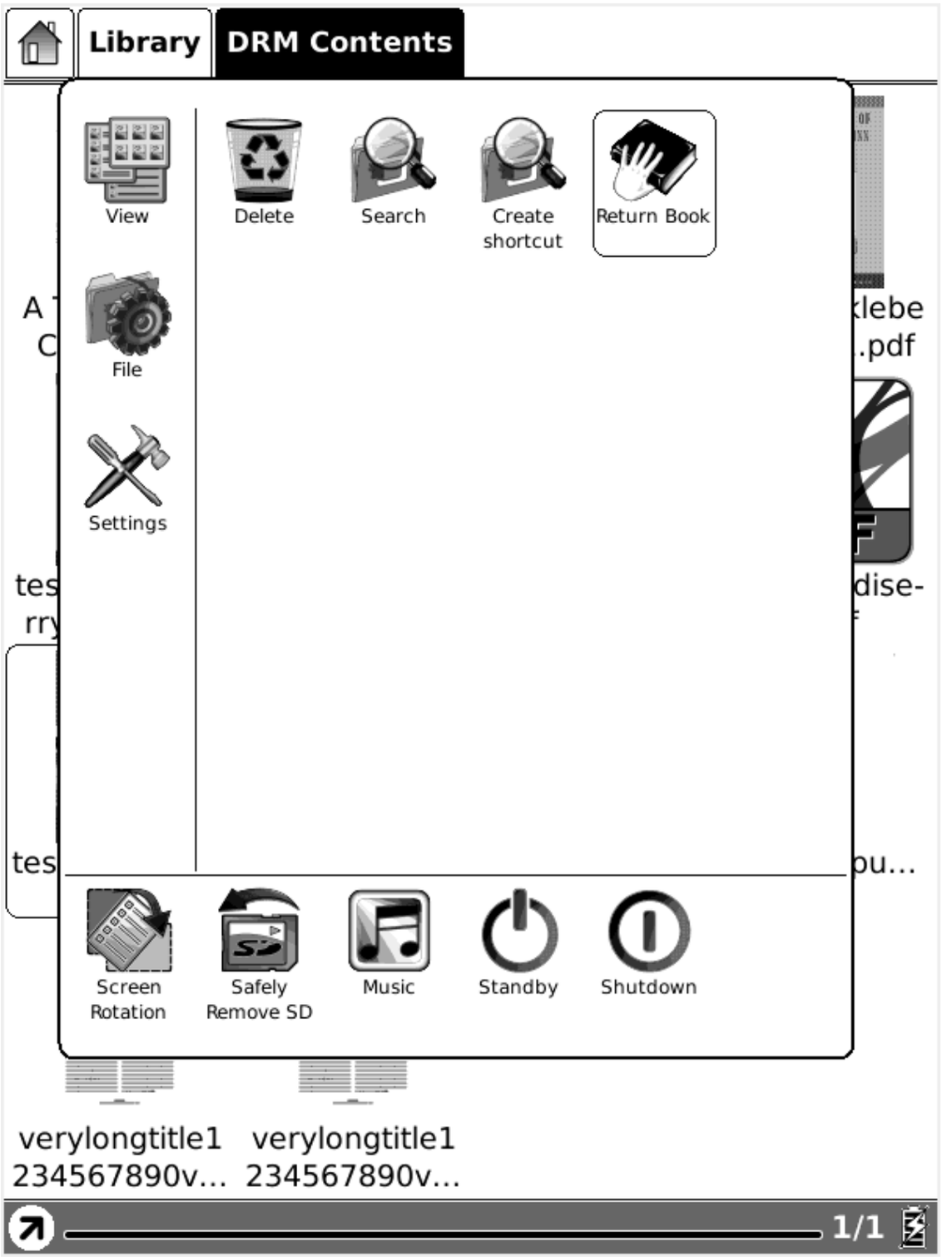

Fig.9.3 Snapshot of Returning Book

10 Software Update

You can update the software by follow steps:

- **Download the latest updates package from Onyx website: www.onyx-international.com**

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- **Save the updates package in a SD card.**
- **Make sure the updates package is located at the root directory of the SD card. The name should be ‘onyx_update.upd’.**
- **Insert the SD card into Boox.**
- **Restart Boox, press and hold the OK button. NOTE, the OK button should be pressed before the device restarts. Hold it until you see the message ‘Software update request detected, checking updates…’.**
- **Boox updates itself automatically. It restarts after update finishes.**

Reminder: Make sure Boox has enough power to finish the software update (at least 2 grids displayed).

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11 Connect to PC

Boox can be easily connected to PC by USB cable. A dialog pops up immediately after the connection establishes. Select ‘Yes’ to confirm the connection.

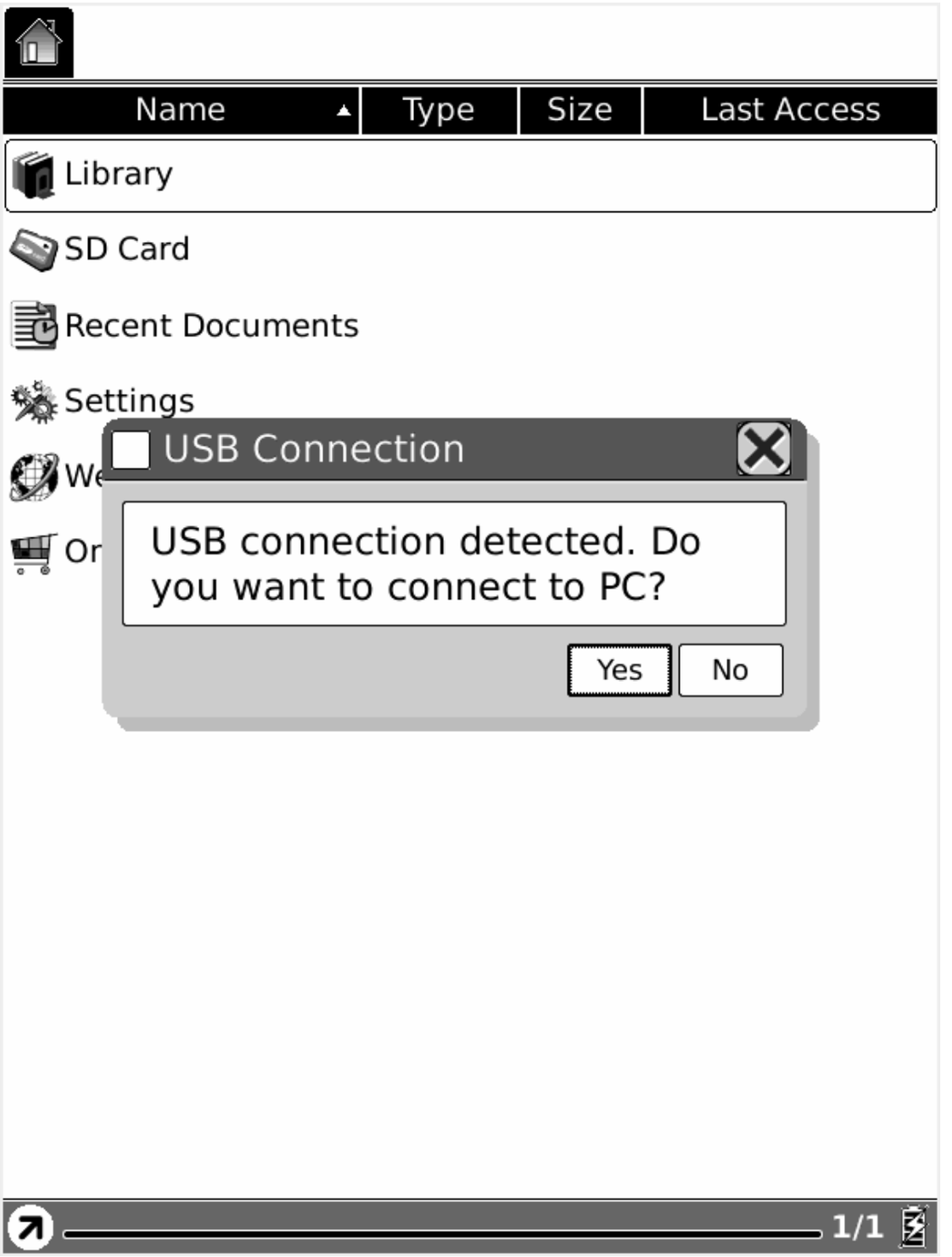

Fig. 10 USB Connection Dialog

You can find at least one removable disk (internal flash of Boox) on the OS of PC. If you

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insert SD card in Boox, the SD card is also displayed as a removable disk.

12 Charge

You can charge Boox by two ways:

- **Connect Boox to PC by USB cable**
- **Charge Boox by power adaptor**

FCC Class B Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Modifications: Any modifications made to this device that are not approved by Onyx International, Inc. may void the authority granted to the user by the FCC to operate this equipment.

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