



Javageo.com

EbookTTS

Ver 1.0

A Ebook TTS

by

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Introduction

- The Idea is make my Ebook PDF to speech, so I need to convert PDF to text then make TTS.
- Use PDFbox to convert PDF to Text
- Use FreeTTS to make TTS (english speech only for now)
- This is simple TTS Application

The Snapshot

The screenshot shows the EbookTTS 1.0 application window. The title bar reads "EbookTTS 1.0 [Working Project : C:\javaappl\ResearchMultimediaJava\EbookTTS\HiThere.pdf]". The interface includes a menu bar with "File" and "Help", a toolbar with icons for file operations and audio control, a file list on the left, and a text pane on the right. Annotations with arrows point to these components: the toolbar, the file list, the text pane, and a keyboard shortcuts box. A bottom instruction box provides a sequence of actions: "Click 1=hear file name, Clik 2=Converting PDF to Text then click Speak button!/F2".

ToolBar
Open, Play, Pause, Continue etc....

JTextPane
To load text
Converted from pdf

JTree
To list
All files

keyboard
F1 = open file
F2 = speak! (TTS)
F3 = pause speak
F4 = continue speak
F5 = save

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Click 1=hear file name, Clik 2=Converting PDF to Text then click Speak button!/F2

Class & Functionality

Class

EbookTTS

MyToolbar

ReadFileConfig

etc

functionalities are

-Open PDF and Conver it to Text file

-TTS (play, pause,continue)

-Setup file to change

(font name,size,color,project directory)

-Easy to use

Method

createMenuBar()

openFile

pauseSpeak()

resumeSpeak()

ucapkanFreeTTS(textPaneView.getText());

etc

Conclusion

- The completed program is inside the directory of javageo group
- You can download the program, it is Free!
- I Hope you like it.

See you on next volume and series !!