**Making an audio book with Python**

**An audio book is a book that is read aloud by reading a book or any other written work. You can listen to audiobooks on your smartphone, tablet, computer, home audio system or car recorder. In this free Python project, we will teach you how to create an audio book with Python .**

**If you have the pdf file of the book, you don't need to subscribe to the platforms to listen to that audiobook. At the end of this part of the article, you will learn how to create an audio book with a few lines of code in Python .**

**Let's make an audiobook with Python**

**Because of its very active community, Python has a large collection of libraries. Here we have to use two libraries pyttsx3 and PyPDF2 .**

**installed using the pip command .**

**pip install PyPDF2**

**pip install pyttsx3**

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**Read the PDF file**

**PyPDF2 provides in-memory PDF manipulation . This Python library is able to do things like :**

* **Information about the document, such as title, author, etc.**
* **Divide documents into different pages**
* **Merge documents on each page**
* **Crop pages**
* **Merging a page in another page**
* **Encrypt and decrypt PDF files**
* **Etc .**

**use this library to split the pdf file into its pages. Then I read the text for each page, and finally send the text to the next step in the process to create an audiobook with Python .**

**import PyPDF2**

**pdfReader = PyPDF2 . PdfFileReader ( open ( 'file.pdf' , ' rb ' ))**

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**pyttsx3 library is able to convert text to audio offline. Then, the text we read from the PDF is entered into the text-to-speech engine as an input :**

**import pyttsx3**

**speaker = pyttsx3 . init ()**

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**The next step is to create a loop for each page of the pdf file and stop the pyttsx3 speaker engine :**

**for page\_num in range ( pdfReader . numPages ):**

**text = pdfReader . getPage ( page\_num ). extractText ()**

**speaker \_ say ( text )**

**speaker \_ runAndWait ()**

**speaker \_ stop ()**

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**we reach the step of saving the sound as an mp3 file :**

**engine . save\_to\_file ( text , 'audio.mp3' )**

**engine . runAndWait ()**

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**In this way, we can create an audiobook with just a few lines of Python code. We hope you like this free Python project for making an audiobook. You can ask your valuable questions in the comments section .**

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