**User's Guide for Table of Contents Generator Program**

**Introduction**

The Table of Contents Generator Program is a tool designed to process PDF documents and automatically generate a table of contents (TOC) based on the titles in each document. Each entry in the TOC includes the title and the corresponding page number(s). The TOC for each processed document is saved as a separate PDF file.

This guide provides instructions for using the Table of Contents Generator Program.

**Prerequisites**

* .NET Runtime installed on your system. This program is built with .NET, and you will need the .NET Runtime to run it. You can download it [here](https://dotnet.microsoft.com/download).
* The program file (**DharmawheelTableOfContentsCreator.exe** or similar). You should have received this file separately.
* Your PDF documents should follow a specific format where each title is prefixed with "Title: ".

**Running the Program**

To run the program, open a command prompt, navigate to the directory containing the program file, and enter the following command:

Copy code

DharmawheelTableOfContentsCreator.exe

This will start the program, and you will see a prompt in the command line interface.

**Using the Program**

When you run the program, it will first ask you to make a choice:

Enter '1' to create table of contents for all files in a directory and its subdirectories, or '2' to create a table of contents for a specific file:

Enter **1** or **2** depending on your needs, and press Enter.

**Option 1: Process All Files in a Directory and Its Subdirectories**

If you chose **1**, you will be prompted to enter the path of the directory containing the PDF files you want to process:

Enter the directory path:

Enter the path to the directory, and press Enter. The program will then count the PDF files in that directory and its subdirectories and ask for confirmation before proceeding:

This will process [number] files. Are you sure you want to proceed? (y/n)

Enter **y** to proceed or **n** to cancel, and press Enter. If you chose to proceed, the program will start processing the files one by one, providing progress updates as it goes.

**Option 2: Process a Specific File**

If you chose **2**, you will be prompted to enter the path of the specific PDF file you want to process:

Enter the file path:

Enter the path to the file, and press Enter. The program will then process this single file.

**Output**

After processing each file, the program will generate a new PDF file containing the TOC. The TOC file will be saved in the same directory as the original document, with the same name followed by **\_TableOfContents**. For example, if the original document is named **MyDocument.pdf**, the TOC file will be named **MyDocument\_TableOfContents.pdf**.

The TOC consists of lines of text. Each line includes a title and the corresponding page number(s) in the format **Title: [page numbers]**.

**Troubleshooting**

If the program encounters an error, it will display a message in the command line interface. Note the message and consult the program's documentation or support resources. If the problem persists, contact the program's support team with the details of the error message and what you were doing when the error occurred.