Using sortFiles.py

This script sorts files into folders based on topicrefs in a DITA map. It uses the BeautifulSoup library to parse the DITA map and extract the topicref elements. All topicrefs with the same map id will be copied into a specified target folder. When you run the script, you'll be prompted to enter the path to the DITA map file, the content source folder, and the target folder.

Requirements

To run this script, you will need:

- [Python 3](#) installed on your computer
- The [BeautifulSoup library installed](#) with the lxml library since the script parses DITA. You can install the lxml library and BeautifulSoup by running the following command in your terminal or command prompt:

  ```
  pip install lxml
  pip install beautifulsoup4
  ```

Usage

To use this script, you will need to provide the following information when prompted:

- The path to the DITA map file
- The path to the source folder containing the files to be sorted
- The path to the target folder where the sorted files will be stored

Here's an example of how you can run this program:
```
python sortFiles.py
```

The script will prompt you to enter the path to the DITA map file, the source folder, and the target folder.

Notes

- The script assumes that the file names in the source folder match the href attributes in the DITA map.
- The script will create the target folder if it doesn't exist.
- If a folder with the same name as a map id already exists in the target folder, that folder will be used instead of a new folder, which might overwrite existing files in the target folder.
- The program will copy the files from the source folder to the target folder, so the original files will still be available in the source folder.