Indexer

V3.0

August 5, 2018

ClickClick5

Simply place "Indexer v3.0.jar" into the folder or drive you wish to index and double click the file. (If the program fails to run this way, it can be started by command: java -jar "Indexer v3.0.jar")

If you want the path name of each file or folder, place the file "options.ini" alongside Indexer. By default, indexer does not save the path of the files. Below is the default result in Excel:

	A	B	C	D	E
1	Indexer v3.0:				
2	Index created on: Wed-Aug-01-2018 23:31:39.				
3					
4	ID	Name	Unit_Size	Unit	Type
5	0	7-Zip	4.85	MB	Folder
6	1	7-zip.chm	105.52	KB	File
7	2	7-zip.dll	74	KB	File
8	3	7-zip32.dll	48	KB	File
9	4	7z.dll	1.58	MB	File
10	5	7z.exe	444.5	KB	File
11	6	7z.sfx	190.5	KB	File
12	7	7zCon.sfx	171.5	KB	File
13	8	7zFM.exe	826.5	KB	File
14	9	7zG.exe	548	KB	File
15	10	descript.ion	366	B	File
16	11	History.txt	45.93	KB	File
17	12	Lang	870.35	KB	Folder
18	13	af.txt	5.05	KB	File

Inside the "options.ini" there are two lines: listPath and skipEnum. Setting listPath to 1 will make Indexer save the file path names. Setting skipEnum to 1 will skip the progress bar setup and make Indexer run in the form of version 2.0, showing no progress on the crawl. The default for the options.ini file is shown below. Indexer's internal default without the options file is listPath=0 and skipEnum=0.
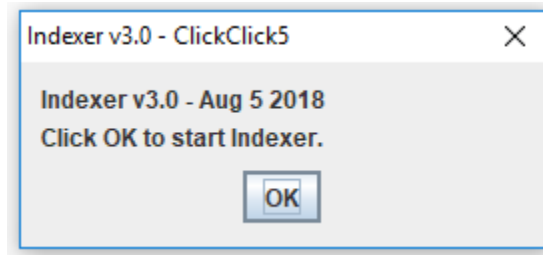
options.ini - Notepad

File   Edit   Format   View   Help

```
listPath=1
skipEnum=0
```

Setting listPath to 0 is the default view (as seen above), setting this to 1 will print out the path to each file, as seen below:
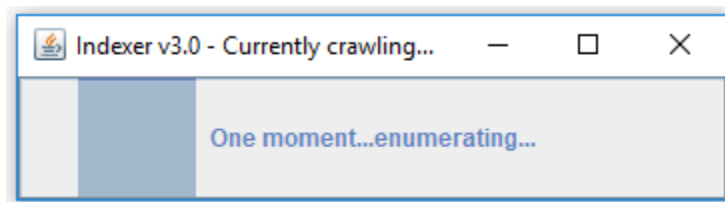
	A	B	C	D	E	F
1	Indexer v3.0:					
2	Index created on: Wed-Aug-01-2018 23:32:59.					
3						
4	ID	Name	Unit_Size	Unit	Type	File_Path
5	0	7-Zip	4.85	MB	Folder	C:\Program Files\7-Zip
6	1	7-zip.chm	105.52	KB	File	C:\Program Files\7-Zip\7-zip.chm
7	2	7-zip.dll	74	KB	File	C:\Program Files\7-Zip\7-zip.dll
8	3	7-zip32.dll	48	KB	File	C:\Program Files\7-Zip\7-zip32.dll
9	4	7z.dll	1.58	MB	File	C:\Program Files\7-Zip\7z.dll
10	5	7z.exe	444.5	KB	File	C:\Program Files\7-Zip\7z.exe
11	6	7z.sfx	190.5	KB	File	C:\Program Files\7-Zip\7z.sfx
12	7	7zCon.sfx	171.5	KB	File	C:\Program Files\7-Zip\7zCon.sfx
13	8	7zFM.exe	826.5	KB	File	C:\Program Files\7-Zip\7zFM.exe
14	9	7zG.exe	548	KB	File	C:\Program Files\7-Zip\7zG.exe
15	10	descript.ion	366	B	File	C:\Program Files\7-Zip\descript.ion
16	11	History.txt	45.93	KB	File	C:\Program Files\7-Zip\History.txt
17	12	Lang	870.35	KB	Folder	C:\Program Files\7-Zip\Lang
18	13	af.txt	5.05	KB	File	C:\Program Files\7-Zip\Lang\af.txt

Indexer lists the data in descending order, from folder to file recursively. This can be seen in the example with file paths turned on.
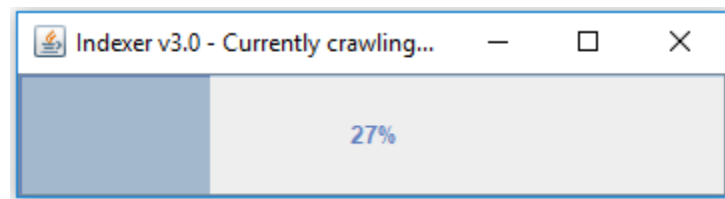
When starting Indexer, the below message will appear. Click OK:
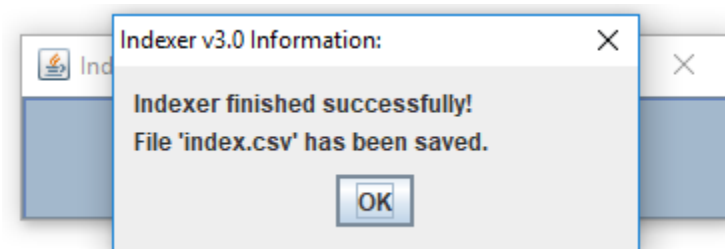

Indexer will start to enumerate the files from its current location. This will take a few moments if there are many files in the location (an example would be running Indexer at the root of C:\). During this phase, the below image is shown (if skipEnum is set to 1, the below message will be slightly different). As long as the bar is bouncing, Indexer is working:

Once all files are listed, Indexer will then begin to write out the index.csv file. During this phase, a progress bar is show:

Once the progress hits 100%, the below message will appear. Click OK! Indexer has completed the listing and the CSV index.csv will be in the same folder as Indexer:

Troubleshooting

Indexer has been tested on Windows 10, MacOS 10.11, and Ubuntu 18.04. Across all three operating systems, the below issues are the same.

Indexer does not start – Make sure you have rights to launch the program. And make sure at least Java 1.8 is installed.

Indexer will launch but not show any progress bar – This normally means Indexer does not have write permissions to the folder it is currently in. If the user profile launching Indexer does not have write permissions to a folder/drive, neither does Indexer.

Indexer launched and I checked the inxex.csv file. I tried to launch Indexer again and the progress bar does not come up – If the index.csv file is open, Indexer won't be able to write to it, thus causing it to exit.

Does Indexer require the options.ini file – Indexer does not. It will run in its default mode of not showing the file paths.