

# PDFCompress

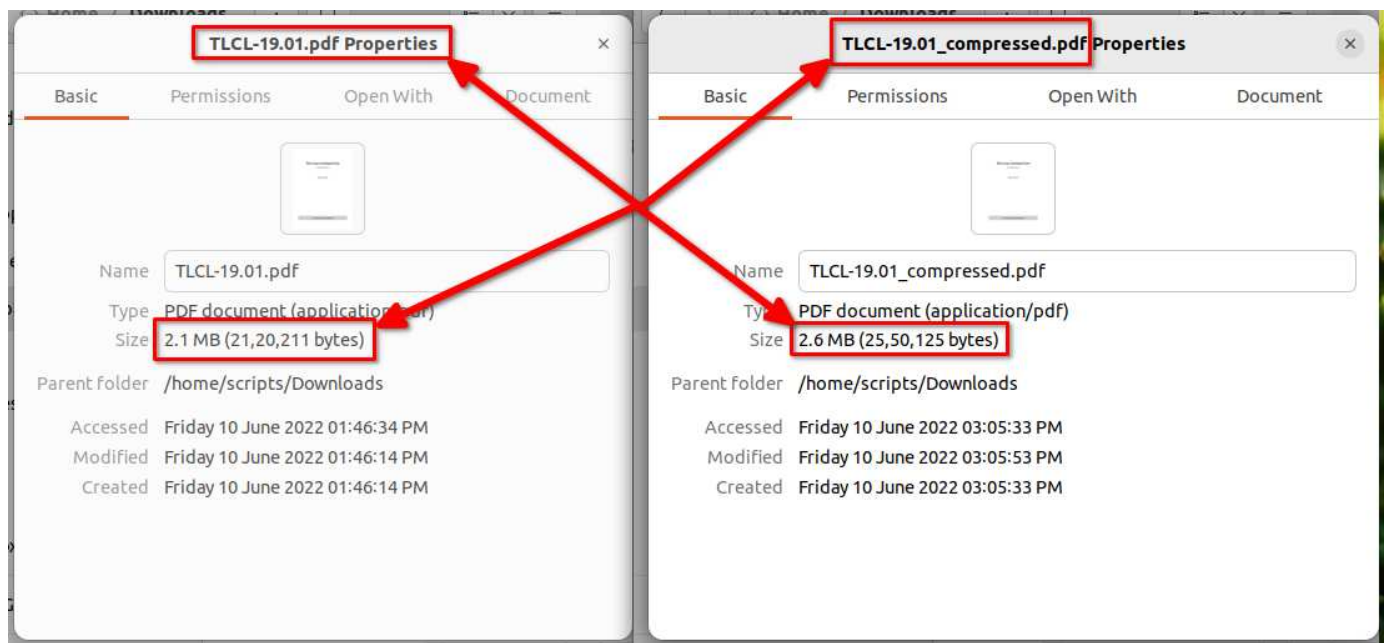
**Project By:** Haardispro

**Release:** Github Only

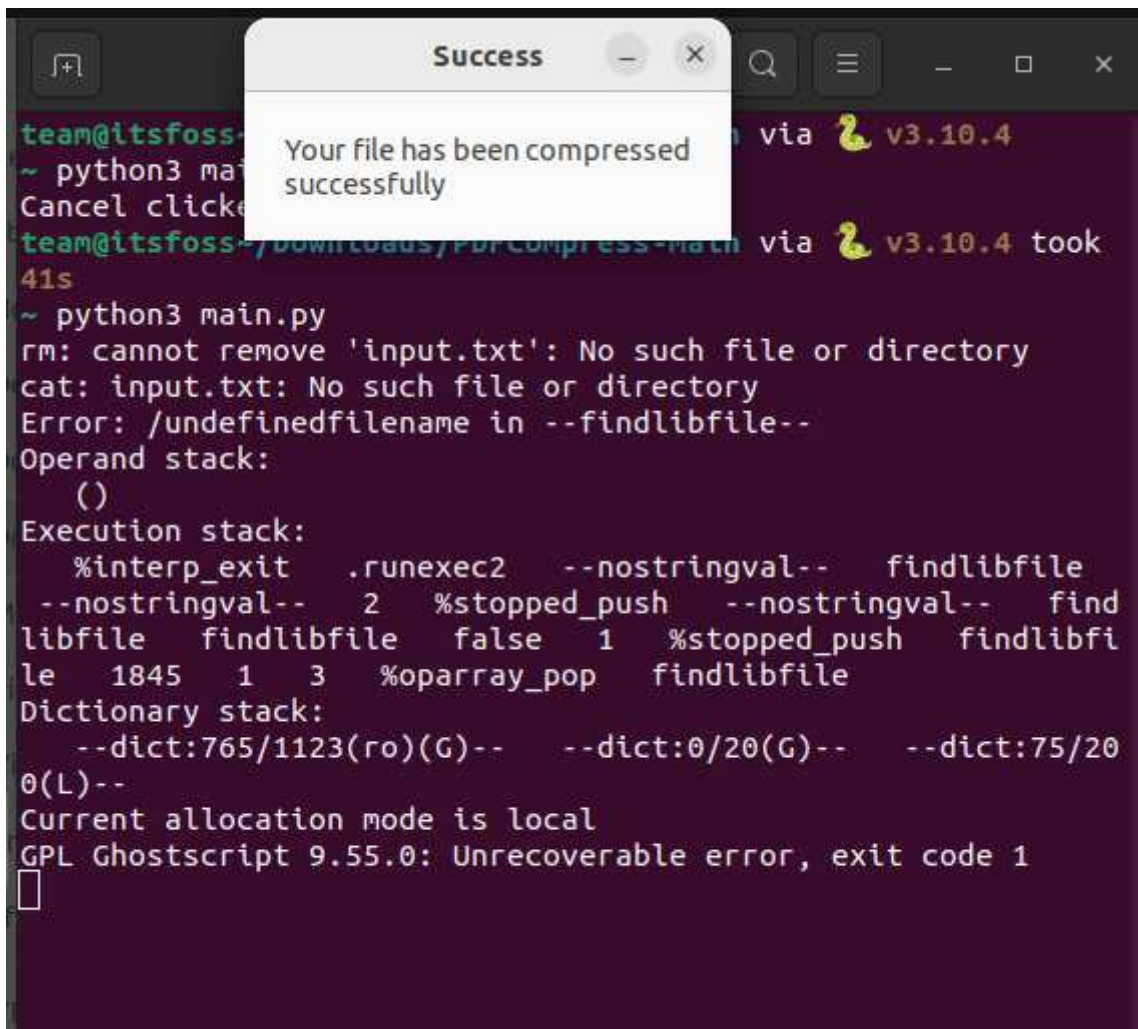
**Description:** A PDF Compressor - GUI Front End to ghostscript terminal utility

## ISSUES I ENCOUNTERED WHILE USING

- The whole program is working from command line only (Atleast we need to manually disown the terminal to detach it from terminal)
- First Time Compression saves the file compressed, but I supplied a 2MB File and it doesn't decrease, but increased the size to 2.9 (Low Compression) and 2.6 (High Compression) respectively
- Only, we get output file once per running. If we want to do a recompression, or Compress with a new type of compression, we need to quit the app and re-run **main.py**
- Also, If we press compress once more in th same instance, it gives success message, but no output...Even if we trashed the previously generated output
- Failed (atleast in my case) to compress a pdf file of size 77MB
  - waited several minutes
  - First Got no output
  - Second Got an output, but could not open PDF (says corrupted PDF)



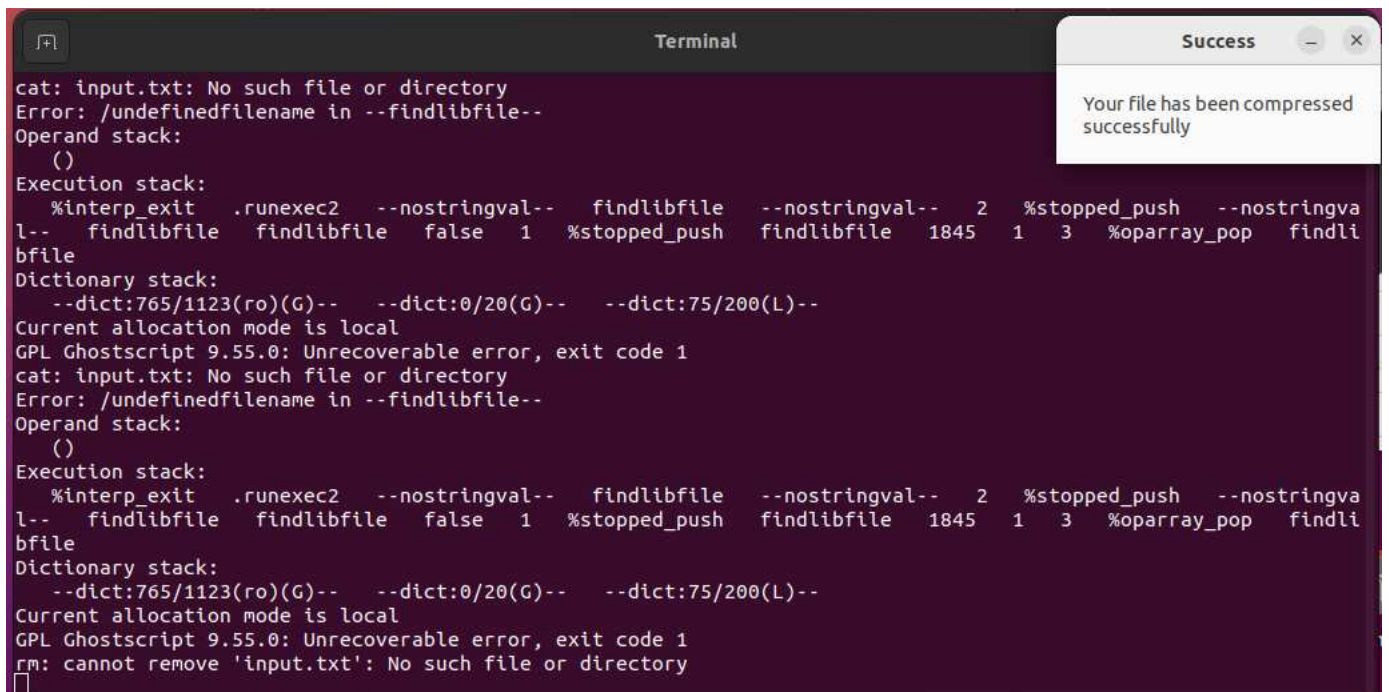
Above Image: Larger size for output file under high compression



A terminal window with a dark purple background. A white dialog box titled "Success" is centered on the screen, displaying the message "Your file has been compressed successfully". The terminal text shows a user prompt "team@itsfoss" followed by a command "python3 main.py". Below this, there are several error messages: "rm: cannot remove 'input.txt': No such file or directory", "cat: input.txt: No such file or directory", and "Error: /undefinedfilename in --findlibfile--". The terminal also displays stack information, including "Operand stack:", "Execution stack:", and "Dictionary stack:". The bottom of the terminal shows "Current allocation mode is local" and "GPL Ghostscript 9.55.0: Unrecoverable error, exit code 1".

```
team@itsfoss ~ python3 main.py
Cancel clicked
team@itsfoss ~ python3 main.py via v3.10.4 took 41s
rm: cannot remove 'input.txt': No such file or directory
cat: input.txt: No such file or directory
Error: /undefinedfilename in --findlibfile--
Operand stack:
()
Execution stack:
%interp_exit .runexec2 --nostringval-- findlibfile
--nostringval-- 2 %stopped_push --nostringval-- findlibfile
findlibfile false 1 %stopped_push findlibfile 1845 1 3 %oparray_pop findlibfile
Dictionary stack:
--dict:765/1123(ro)(G)-- --dict:0/20(G)-- --dict:75/200(L)--
Current allocation mode is local
GPL Ghostscript 9.55.0: Unrecoverable error, exit code 1
```

Above Image: Clicking Compress on same instance second time -- Error but still success dialog box



A terminal window with a dark purple background. A white dialog box titled "Success" is centered on the screen, displaying the message "Your file has been compressed successfully". The terminal text shows a user prompt "cat: input.txt: No such file or directory" followed by "Error: /undefinedfilename in --findlibfile--". The terminal also displays stack information, including "Operand stack:", "Execution stack:", and "Dictionary stack:". The bottom of the terminal shows "Current allocation mode is local" and "GPL Ghostscript 9.55.0: Unrecoverable error, exit code 1". The terminal text is repeated twice, indicating a loop or a second execution of the same commands.

```
cat: input.txt: No such file or directory
Error: /undefinedfilename in --findlibfile--
Operand stack:
()
Execution stack:
%interp_exit .runexec2 --nostringval-- findlibfile --nostringval-- 2 %stopped_push --nostringval-- findlibfile
findlibfile false 1 %stopped_push findlibfile 1845 1 3 %oparray_pop findlibfile
Dictionary stack:
--dict:765/1123(ro)(G)-- --dict:0/20(G)-- --dict:75/200(L)--
Current allocation mode is local
GPL Ghostscript 9.55.0: Unrecoverable error, exit code 1
cat: input.txt: No such file or directory
Error: /undefinedfilename in --findlibfile--
Operand stack:
()
Execution stack:
%interp_exit .runexec2 --nostringval-- findlibfile --nostringval-- 2 %stopped_push --nostringval-- findlibfile
findlibfile false 1 %stopped_push findlibfile 1845 1 3 %oparray_pop findlibfile
Dictionary stack:
--dict:765/1123(ro)(G)-- --dict:0/20(G)-- --dict:75/200(L)--
Current allocation mode is local
GPL Ghostscript 9.55.0: Unrecoverable error, exit code 1
rm: cannot remove 'input.txt': No such file or directory
```

Above Image: Pressed Compress for Third time on same instance