

DENNTECH FILE MANAGER

USER MANUAL

Version: April 2026

=====

1. OVERVIEW

=====

DennTech File Manager is a desktop multi-tool utility designed to help you:

1. Convert files into plain text.
2. Convert text and document content into PDF format.
3. Convert images between formats (including HEIC/HEIF support).
4. Use a built-in stopwatch.
5. Open and edit text-based files quickly in the File Editor tab.

The app uses a tabbed interface so each feature is separated by task.

A static top banner is visible across all tabs, including the bot purchase link.

=====

2. SYSTEM REQUIREMENTS

=====

1. Operating System: Windows (recommended).
2. Python environment with required dependencies installed (for source run).
3. If using packaged release build, no console window is required.

Typical dependencies used by the app include:

1. customtkinter
2. reportlab
3. python-docx
4. pillow

5. pyheif / pillow-heif

6. pyperclip

7. markdown

8. chardet

9. PyPDF2

=====

3. LAUNCHING THE APPLICATION

=====

1. Open the application executable, or run the Python entry file.
2. Wait for the main window titled “DennTech File Manager” to load.
3. Confirm tabs are visible:
Files to Text, Text to PDF, Image Converter, Stopwatch, File Editor.

=====

4. MAIN LAYOUT

=====

Top Area:

1. Static header text.
2. CTA label and clickable link to the trading bot website.
3. This area remains visible while switching tabs.

Middle Area:

1. Tab view containing all tools.

Each Tab:

1. Contains controls specific to that workflow.
2. Displays status or result messages for that operation.

=====

5. FILES TO TEXT TAB

=====

Purpose:

Convert supported file content into text output for easy review, reuse, or export.

Typical workflow:

1. Open the Files to Text tab.
2. Add one or more source files.
3. Choose output location/name if prompted.
4. Start conversion.
5. Review completion message and generated text output.

Best practices:

1. Use clear output filenames that match source content.
2. Process files in logical groups (for example, per project or date).
3. Verify output encoding if source files were created in mixed locales.

=====

6. TEXT TO PDF TAB

=====

Purpose:

Convert text-like documents into a formatted PDF with heading/list handling.

Supported input file types:

1. .txt
2. .md
3. .py
4. .json

5. .csv

6. .docx

Standard workflow:

1. Open Text to PDF tab.
2. Select one or more input files.
3. Set output PDF path/name.
4. Run conversion.
5. Open the generated PDF and confirm formatting.

Formatting behavior:

1. Headings are detected and rendered with stronger hierarchy.
2. Unordered lists are rendered as bullet points.
3. Ordered lists preserve numbering/lettering style where detected.
4. Multi-page output includes page numbering and structured layout.
5. TOC/bookmark logic supports easier document navigation in larger outputs.

Tips for best results:

1. Use clean heading styles in source files.
2. Keep list markers consistent in markdown/text.
3. Avoid mixed formatting patterns on the same line.

=====

7. IMAGE CONVERTER TAB

=====

Purpose:

Convert images between formats with support for modern file types, including HEIC/HEIF.

Typical workflow:

1. Open Image Converter tab.
2. Select source image(s).
3. Choose output format.
4. Select output destination if required.
5. Start conversion and verify output files.

Practical notes:

1. HEIC/HEIF files are supported through installed image libraries.
2. Some metadata may not carry over between formats.
3. Very large image batches may take longer; allow conversion to complete.

=====

8. STOPWATCH TAB

=====

Purpose:

Provide a simple built-in timer for work tracking, testing, or focus sessions.

Typical controls:

1. Start
2. Stop/Pause
3. Reset

Suggested uses:

1. Time conversion runs.
2. Track editing sessions.
3. Measure repetitive test steps.

=====

9. FILE EDITOR TAB

=====

Purpose:

Quickly open and edit files from within the app.

Typical workflow:

1. Open File Editor tab.
2. Load a text-based file.
3. Make edits.
4. Save changes.
5. Re-open or process file in other tabs if needed.

Recommended habits:

1. Save before switching tabs for major changes.
2. Keep backup copies of important source documents.
3. Validate syntax manually when editing code files.

=====

10. DATA, LOGGING, AND STORAGE

=====

The app uses local persistent storage for:

1. Internal file tracking.
2. Runtime logs.
3. Application data paths under user-local app directories.

Benefits:

1. Cleaner project folder.
2. Better compatibility for standalone builds.
3. More reliable operation across sessions.

=====

11. COMMON TASK EXAMPLES

=====

Example A: Convert meeting notes markdown to PDF

1. Open Text to PDF tab.
2. Select notes.md.
3. Set output to notes_final.pdf.
4. Convert.
5. Verify headings and list formatting in PDF.

Example B: Convert HEIC screenshots to PNG

1. Open Image Converter tab.
2. Add one or more .heic files.
3. Choose PNG output.
4. Convert.
5. Confirm output images in selected folder.

Example C: Build a plain-text archive of files

1. Open Files to Text tab.
2. Select source documents.
3. Convert/export text output.
4. Store outputs in a dated archive folder.

=====

12. TROUBLESHOOTING

=====

App does not start:

1. Confirm required dependencies are installed.
2. Check that Python version/environment matches project setup.

3. Review app log file for startup exceptions.

Conversion fails:

1. Verify selected input file exists and is accessible.
2. Ensure file type is supported for that tab.
3. Confirm output path is writable.
4. Retry with a single file to isolate problematic input.

PDF formatting looks wrong:

1. Standardize heading/list syntax in source.
2. Remove inconsistent spacing or mixed markers.
3. Reconvert and compare output.

Image conversion issues:

1. Confirm source file is not locked by another app.
2. Test conversion with one image first.
3. Ensure HEIC dependencies are installed in the environment.

Link not opening:

1. Verify default browser settings in Windows.
2. Check internet connectivity.
3. Try copying and opening the URL manually in a browser.

=====

13. PERFORMANCE TIPS

=====

1. Process large batches in smaller groups.
2. Close unrelated heavy applications while converting large files.
3. Use local drives instead of network paths for faster throughput.

4. Keep source files organized by project folder.

=====

14. SAFETY AND QUALITY CHECKLIST

=====

Before large conversion jobs:

1. Confirm input file list.
2. Confirm output folder/path.
3. Keep backups for critical documents.

After conversion:

1. Open at least one output file for spot-check.
2. Verify expected headings/lists in PDFs.
3. Confirm image dimensions/quality if converted.

=====

15. QUICK START (60-SECOND VERSION)

=====

1. Launch DennTech File Manager.
2. Choose the tab for your task.
3. Select input file(s).
4. Set output destination.
5. Run conversion/edit action.
6. Verify result and repeat as needed.

=====

END OF USER MANUAL

=====