VAYU INK

FileMaster Suite

FULL PRODUCT INFORMATION

Extract. Organize. Clean.

A detailed product reference for the three Windows batch utilities: File Extractor, File Arrange, and Empty Folder Remover.

PRODUCT AT A GLANCE

Attribute	Details
Product name	Vayu Ink FileMaster Suite
Product type	Windows file and folder management toolkit
Package contents	Three independent .bat utilities
Operating model	Runs locally from the folder containing each batch file
Primary functions	Move files from nested folders, sort by extension, remove empty folders
Interface	Windows Command Prompt; no graphical user interface

This document describes the behavior of the supplied batch files. It is product information, not a claim that the scripts provide a single automated one-click process.

1. Product overview

Vayu Ink FileMaster Suite is a bundle of three Windows batch scripts intended to help users consolidate files, sort them into file-type categories, and remove empty directories. Each utility performs a separate operation and is launched independently by double-clicking its .bat file.

The bundle is most useful when working with a folder containing many downloaded, transferred, or accumulated files arranged across multiple levels of subfolders. The tools use file paths and filename extensions to perform their tasks; they do not inspect the contents of documents, images, or other files.

What the bundle is designed to do

- **Consolidate:** bring files from nested subfolders into the main working directory.
- **Categorize:** move files into category folders based on their extensions.
- **Clean:** remove empty subdirectories left behind after file movement.

What it does not provide

- A graphical dashboard, preview screen, or interactive file-selection interface.
- Cloud storage, network synchronization, file compression, or content conversion.
- A built-in undo, recycle-bin workflow, backup, or file recovery feature.
- Guaranteed conflict-free handling when two files have the same name.

> **Important: The scripts make changes to the filesystem. Test them on copies of your data and retain a separate backup of anything important.**

2. Bundle components

The three utilities are separate batch files. They share a working-folder approach but do not call one another automatically.

A. Vayu Ink File Extractor

Role: consolidate files from subfolders into the main folder where the extractor batch file is stored.

- Uses the batch file's own directory as the root folder.
- Scans files recursively through the root folder and its subfolders.
- Skips files whose extension is .bat.
- Skips files already located directly in the root folder.
- Moves eligible nested files into the root folder using Windows move /Y.
- Does not itself remove the now-empty source directories.

Expected result: files previously distributed through nested directories are brought into one central folder. The directory tree may still contain empty folders until the Empty Folder Remover is run.

B. Vayu Ink File Arrange

Role: organize files into extension-based category folders beneath the root folder.

- Scans recursively from the batch file's directory.
- Excludes the File Arrange batch file itself and skips files with a .bat extension.
- Uses the filename extension to select a category; it does not identify file type by examining file contents.
- Creates category folders when they do not already exist.
- Moves each eligible file into the corresponding category folder.
- Reports files that fail to move and prints a completion message.

Expected result: the main directory contains category folders populated with matching files. The exact folders created depend on the file extensions found.

C. Vayu Ink Empty Folder Remover

Role: remove empty subdirectories beneath the root folder.

- Scans directory paths beneath the root folder, sorting the list in reverse order.
- Attempts to remove each directory with the Windows rd command.
- Repeats the scan when a folder has been removed, allowing newly empty parent directories to be removed in a later pass.
- Does not target the root folder itself.

Expected result: empty subdirectories are removed. Directories that still contain files or other contents remain.

3. Recommended combined workflow

For a typical cleanup task, use the utilities in the following sequence. Run each one to completion before starting the next.

1. **File Extractor — consolidate**

   Move files from nested subfolders into the main working folder.

2. **File Arrange — categorize**

   Sort files into category folders based on their filename extensions.

3. **Empty Folder Remover — clean**

   Remove directories that are empty after the earlier file movements.

Example directory transformation

Before	After the recommended workflow
Downloads/Invoices/2025/invoice.pdf	Documents/invoice.pdf (if classified as a document)
Downloads/Camera/photo.jpg	Images/photo.jpg
Downloads/Audio/song.mp3	Audio/song.mp3
Old empty nested folders	Removed by Empty Folder Remover

The example illustrates the intended workflow; actual destination folder names are determined by the File Arrange script's category rules.

4. File Arranger category reference

The File Arrange script contains extension lists for the following categories. The examples below are representative, not a complete list of every supported extension.

Category folder	Example extensions
Documents	pdf, doc, docx, odt, rtf, txt, md, xls, xlsx, csv, ppt, pptx
Images	jpg, jpeg, png, gif, bmp, tif, webp, svg, heic, raw, psd, ai
Videos	mp4, mkv, avi, mov, wmv, webm, mpg, mpeg, 3gp
Audio	mp3, wav, aac, m4a, flac, ogg, opus, wma, midi
Archives	zip, rar, 7z, tar, gz, bz2, xz, cab, dmg, jar, iso
Programs	exe, msi, msix, appx, apk, ipa, appimage, cmd, ps1
Code	html, css, js, ts, py, java, c, cpp, cs, php, go, rs, sql, json, yaml
Databases	db, sqlite, sqlite3, mdb, accdb, dbf, mdf, ldf
Fonts	ttf, otf, woff, woff2, eot, fon
3D_Models_CAD	obj, fbx, stl, dae, gltf, blend, step, iges, dwg, dxf
Design	fig, sketch, xd, indd, afdesign, aep, prproj, mogrt
Development_Projects	sln, csproj, vbproj, xcodeproj, gradle, pom, lock
Backups_Temp	bak, old, backup, tmp, temp, cache, swp, log, dump
Email_Contacts	eml, msg, pst, ost, mbox, vcf, ics
Ebooks	epub, mobi, azw, azw3, kfx, lit, fb2, cbz, cbr
Disk_Images_VMs	vhd, vhdx, vmdk, vdi, ova, ovf, vbox, qcow2
Games	sav, save, rom, nsp, xci, wad, unity3d, assetbundle
System_Config	reg, inf, ini, sys, drv, manifest, dat, data
Others	Extensions not matched by the category rules

5. Classification details and overlaps

File Arrange checks category rules in sequence and updates the selected category whenever an extension matches a later rule. Some extensions appear in more than one category list. For those overlaps, the last matching rule in the script determines the final category.

Extension(s)	Earlier match	Later match / final category
jar	Archives	Code list does not include jar; remains Archives
apk	Archives	Programs — final category
vhd, vhdx, vmdk, vdi, qcow2	Archives	Disk_Images_VMs — final category
bak	Databases	Backups_Temp — final category
ini	Code	System_Config — final category
blend	3D_Models_CAD	Design — final category
uasset	Design	Games — final category
sys, drv, ocx	Programs	System_Config — final category
iso	Archives	No later matching category; remains Archives

The .bat extension is skipped before category movement, even though it appears in the Programs extension list. The organizer script also explicitly excludes itself.

6. Operating requirements and setup

Requirements

- A Windows computer capable of running Windows batch (.bat) files.
- Read/write permission for the target working folder and its contents.
- Sufficient free storage for normal Windows file operations; the scripts move files rather than duplicate them.

Setup procedure

1. **Create a working folder**

   Choose a folder containing only the files and subfolders you intend to process, or create a test folder.

2. **Back up important content**

   Make a separate copy of important files and verify that the backup is accessible.

3. **Place the utilities**

   Copy the three supplied .bat files into the folder that should be treated as the root directory.

4. **Run sequentially**

   Double-click one utility, read its Command Prompt output, and wait for the completion prompt. Press a key when prompted, then start the next utility.

The root folder is determined from the location of each batch file. Put the utilities in the folder you intend to process; do not launch them from an unrelated folder.

7. Safety, limitations, and data handling

Read these limitations before running the scripts on real data.

- **Move operations:** The File Extractor and File Arrange use move commands. Files are relocated, not copied.
- **Overwrite behavior:** Both moving utilities use the /Y switch. If a destination already contains a file with the same name, Windows may overwrite the destination file without asking.

- **Filename collisions:** The File Extractor moves many nested files into one directory. Two different source folders may contain files with identical names; a collision can therefore occur.
- **No undo or transaction log:** The supplied scripts do not provide a restore feature or a complete audit log of all changes.
- **Recursive processing:** The scripts scan beneath the directory containing the batch file. Keep unrelated and sensitive data outside the working folder.
- **Hidden/system content:** Behavior can depend on Windows permissions and command behavior. Do not assume every protected or in-use item can be moved or removed.
- **Run sequentially:** Concurrent runs can compete for the same files and directories.
- **Extension-based classification:** Renamed files or files with misleading extensions may be placed in an unsuitable category.

Strong recommendation: Run the full workflow on a disposable test copy first. Inspect the results before applying it to original folders.

8. Troubleshooting

Observed issue	Possible explanation / action
A nested file did not move	Check whether it is a .bat file, whether access is denied, or whether the file is locked/in use. Check the Command Prompt output.
A file is in an unexpected category	File Arrange uses extensions and sequential category rules. Review the extension and the overlap notes in this guide.
A file seems to have disappeared	Check the root folder and category folders. Consider whether a same-name destination file may have been overwritten.
Some folders remain after cleanup	They may still contain files, hidden content, or a subfolder that could not be removed.
An operation reports failure	Check permissions, whether the file is in use, destination conflicts, and whether the path is accessible.
The command window is still open	The scripts use pause at the end. Read the completion output and press a key to close the window.

9. Product summary

Item	Description
Product	Vayu Ink FileMaster Suite
Bundle type	Three independent Windows batch utilities
File Extractor	Moves files from nested subfolders to the main working folder; skips .bat files and files already in the root.
File Arrange	Sorts files recursively into extension-based categories; creates category folders and skips .bat files and its own script.
Empty Folder Remover	Repeatedly scans and removes empty subdirectories beneath the root folder.
Recommended sequence	File Extractor → File Arrange → Empty Folder Remover
User interface	Command Prompt output; no graphical user interface
Undo / recovery	Not included

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This document is based on the three Vayu Ink batch files supplied for this product. Actual results depend on the folder contents, Windows permissions, file naming, and destination conflicts. Maintain independent backups of important data.