**📸 Triple P Farm Photo Gallery System**

This project is a fully automated, privacy-safe, and easily updateable photo gallery built for [https://ppp.farm](https://ppp.farm/). It supports EXIF-stripped image uploads, automatic folder organization, and JSON-based rendering with a simple, elegant HTML frontend.

**✅ Key Features**

* 🔒 Strips EXIF metadata (except DateTimeOriginal)
* 🗂️ Renames images based on timestamp
* 📁 Organizes into photos/YYYY/MM/ folders
* 🧠 Auto-generates photos.json with date and path
* 🌐 Displays via index.html with Lightbox gallery and month/year grouping
* 🖼️ Custom logo, themed background, and browser tab favicon

**📂 Project Structure**

ppp.farm/

├── index.html # Main gallery site

├── photos.json # Auto-generated metadata file

├── update\_ppp\_farm.ps1 # Main update script (safe to double-click)

├── script.ps1 # Called by update script; processes images

├── images/

│ └── logo.png # Farm logo

│ └── favicon.png # Tab icon

└── photos/

└── 2025/

└── 05/

└── 2025-05-15\_08-15-46.jpeg

**🛠️ Daily Workflow**

1. **Add new photos** to the root of photos/
2. **Double-click** update\_ppp\_farm.ps1
   * Strips metadata
   * Renames photos
   * Moves to folders
   * Rebuilds photos.json
3. **Open Git Bash** and run:
4. git add .
5. git commit -m "Update gallery"
6. git push
7. Wait ~30 seconds for Cloudflare Pages to redeploy.
8. Visit: [https://ppp.farm](https://ppp.farm/)

**🧹 Behind the Scenes**

* EXIF stripping is done via:
* exiftool -all= -tagsFromFile @ -DateTimeOriginal -overwrite\_original
* File renaming format:
* YYYY-MM-DD\_HH-mm-ss.jpeg
* JSON file structure:
* {
* "file": "2025/05/2025-05-15\_08-15-46.jpeg",
* "date": "2025-05-15T08:15:46"
* }
* index.html loads and groups photos by month/year and shows a Lightbox viewer

**💡 Extra Notes**

* favicon.png appears in browser tab (link in <head>)
* Footer copyright and contact email:
* <footer>
* <p>&copy; 2025 Triple P Farm — <a href="mailto:friends@ppp.farm">friends@ppp.farm</a></p>
* </footer>
* The background uses a parchment-style color: #f6f1e7

**❓ Troubleshooting**

* If photos don't appear:
  + Check photos.json for correct paths
  + Ensure git add photos/\*\*/\* was run
  + Trigger redeploy in Cloudflare if needed
* If running script directly fails:
  + Ensure exiftool is installed and in PATH
  + Use PowerShell directly or double-click update\_ppp\_farm.ps1 instead of script.ps1

**👋 Contact**

**Triple P Farm**  
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This project is lovingly crafted for clarity, automation, and long-term maintainability. If you're reading this months later — welcome back, and enjoy the simplicity. 🌾