

Prompt Quill

AI generated documentation



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# The Full Handbook: Prompt Quill 2.0

Here’s the complete user guide, compiled from our journey through 11 tabs, polished with your clarifications, and ready for March 12, 2025. I’ve added an intro and conclusion to frame it, keeping it high-level and user-focused.

## Introduction

Welcome to Prompt Quill 2.0, a versatile tool from osiworx that transforms your ideas into stunning image prompts—and sometimes images themselves! Built on a massive 5-million-prompt dataset and powered by a clever AI (Retrieval-Augmented Generation, or RAG), it’s your creative co-pilot. Whether you’re chatting with an AI, sailing through data, scoring images, or testing models, this web-based app (launched via Gradio) has a tab for you. It leans on external tools like Automatic1111, SD Forge, or Horde for image generation—set that API URL in "Generator," and it’s shared across tabs like "Sailing" or "ItTtI." Released under the Apache License 2.0 in 2023, it’s free to tweak and explore as of March 12, 2025. Let’s dive into its 11 tabs and see what you can do!

### Section: Chat Tab

What It Does

The "Chat" tab is your simplest way into Prompt Quill’s prompt-crafting superpower. Type an idea, and the app doesn’t just spit back a basic response—it taps into a massive library of over 5 million real-world prompts to make yours sharper, richer, and ready for image generation. Using a clever process (called RAG: Retrieval-Augmented Generation), it grabs relevant examples from its dataset, mixes them with your input, and has an AI craft a standout prompt for tools like Automatic1111, SD Forge, or Horde.

Key Features

* Prompt Crafting Window: Pop your idea into the text box (e.g., "a steampunk airship"), and the AI—powered by that 5-million-prompt dataset—delivers an enhanced prompt in a chat-style display (up to 500 lines). Use " Retry" for a new spin, " Undo" to back up, or "Clear" to reset.
* Translate Option: Check this to convert your native language to English (e.g., "un dirigible steampunk" becomes "a steampunk airship"), so the AI can work its magic in English.
* Batch Mode: Turn this on to process multiple ideas at once. Feed it a list, and it’ll churn out a prompt for each, pulling from the dataset every time.
* Summary Mode: Enable this for a short, snappy version of the prompt—great when you want something concise to pop into your image tool.

How to Use It

1. Fire up Prompt Quill and hit the "Chat" tab.
2. Type an idea—like "a glowing forest," "a robot chef," or whatever sparks your imagination.
3. Tweak the options:
   * Check "Translate" if you’re not typing in English (it’ll switch it for you).
   * Check "Batch" to run a whole list of ideas (load your list elsewhere—details later).
   * Check "Summary" for a tight prompt instead of a detailed one.
4. Send it, and watch the AI pull from its 5-million-prompt treasure chest to craft something awesome. Retry or undo until it’s perfect.
5. Grab the prompt and plug it into your image generator (like Automatic1111 or Horde) to see the magic happen!

Why It’s Cool

This isn’t just a chatbot—it’s your shortcut to pro-level prompts. That huge dataset means your ideas get a boost from millions of real examples, making them more creative and precise. Whether you’re a beginner typing one line or a pro batching dozens, the "Chat" tab makes prompting fast, smart, and fun.

Quick prompt crafting with an AI chat, boosted by the 5M-prompt dataset. Type, tweak (translate, batch, summary), and copy prompts for image tools.

### Section: Generator Tab

What It Does

The "Generator" tab is where your prompts come to life. It’s your control center for building detailed image generation requests, powered by Prompt Quill’s 5-million-prompt dataset and RAG pipeline (Retrieval-Augmented Generation). Start with a text idea, refine it with the AI’s smarts, then send it to external tools like Automatic1111, SD Forge, or Horde to create stunning visuals. This tab gives you tons of options to fine-tune the process—whether you’re tweaking prompts, adjusting image settings, or even analyzing existing pictures for inspiration.

Key Features

* Automatic1111 / Forge Section:
  + Generate Sub-Tab: Craft and generate images with precision.
    - Prompt Fields: Enter your main prompt (e.g., "a futuristic city") and a negative prompt (e.g., "no blurry edges")—the AI boosts these with its dataset magic.
    - Settings Galore: Pick a sampler, scheduler, checkpoint, and VAE from dropdowns; adjust steps (1-100), CFG scale (0-20), clip skip (0-12), width/height (up to 2048), batch size (1-250 images at once), and iterations (1-500 runs). Swap width and height with a "Switch size" button.
    - API Control: Plug in an API URL for Automatic1111 or Forge, choose to save images locally or on the API host, and hit "Generate" to see results in a gallery.
    - Refresh: Update your dropdown options (samplers, checkpoints, etc.) with the latest from your setup.
  + Interrogate Sub-Tab: Upload an image, and the AI guesses a prompt to recreate it—perfect for reverse-engineering inspiration.
  + Interrogate Batch Sub-Tab: Feed a gallery of images, get prompts for all of them, and optionally save the results to a file.
  + Extensions Sub-Tab:
    - ADetailer: Enhance specific parts of images (e.g., faces, hands) with up to four stages. Add per-face prompts (e.g., "smiling face, serious face") or use wildcards for variety—see the help tab for tips.
    - Layer Diffusion: Toggle this advanced feature to tweak how layers blend in your images (details depend on your setup).
* HordeAI Section:
  + A simpler interface for Horde’s online service. Enter your prompt, negative prompt, API key, and settings (model, sampler, steps, CFG, width, height, clip skip), then generate an image directly in the tab.

How to Use It

1. Open Prompt Quill and click the "Generator" tab.
2. Pick your tool:
   * Automatic1111 / Forge:
     + Go to "Generate." Type a prompt (e.g., "a dragon in space") and a negative prompt (e.g., "no cartoon style"). Adjust settings like steps (try 50), CFG (around 7.5), and size (512x512 is a safe start).
     + Set your API URL (e.g., your Automatic1111 server), check "Save" if you want the image, and hit "Generate." Watch the gallery fill up!
     + Try "Interrogate" with an uploaded image to get a prompt back, or "Interrogate Batch" for a bunch at once.
     + Use "ADetailer" to polish details—set a prompt per face or area across stages.
   * HordeAI:
     + Enter your prompt, API key, and settings, then click to generate. Your image pops up right there.
3. Take the results (prompts or images) and tweak as needed—Prompt Quill’s RAG pipeline ensures your prompts are top-notch.

Why It’s Cool

This tab is your bridge from text to art. The 5M-prompt dataset means your ideas get a creative turbocharge, while the deep settings let you dial in exactly what you want. Whether you’re generating one image or a hundred, interrogating pics for ideas, or fine-tuning with ADetailer, it’s a playground for image creation—all while leaning on external tools to do the heavy rendering.

Your control center for crafting and generating images via Automatic1111/Forge or Horde. Fine-tune prompts and settings, score aesthetics, or interrogate images.

### Section: Sail the Data Ocean Tab

What It Does

The "Sail the Data Ocean" tab is your creative expedition through Prompt Quill’s 5-million-prompt dataset. Imagine it as a ship navigating a vast sea of real-world prompts, with an AI at the helm pulling out treasures to spark your next image. Start with a simple idea, and the app’s RAG pipeline (Retrieval-Augmented Generation) dives into the dataset, fetching and refining prompts based on your course. You can tweak the journey—add styles, filter content, or even generate images via Automatic1111/SD Forge—all from an easy-to-use interface split into handy sub-tabs.

Key Features

* Main View: Your sailing dashboard.
  + Start Prompt: Type an idea (e.g., "a snowy mountain") to set sail.
  + Journey Log: See prompts as they emerge, plus a gallery if you’re generating images.
  + Controls: Start, stop, check API status, or count possible results. Wildcard suggestions pop up to spice up your input.
* Setup: Chart your course.
  + Steps & Distance: Set how many prompts (width) and how deep to dive (depth). Add a “sinus” wave for a twisty path.
  + Image Generation: Toggle Automatic1111/SD Forge integration, pick an alternate VAE for black-image fixes.
* Filters: Steer clear of junk.
  + Prompt & Context Filters: Block or require specific words (e.g., no “blurry,” must have “epic”).
  + Count Results: See how many prompts match your filters.
* Prompt Manipulation: Shape your haul.
  + Style & Embeddings: Add flair (e.g., “cyberpunk vibe”) or embeddings (e.g., “sharp details”).
  + Rephrase & Summary: Let the AI reword prompts or boil them down.
  + Negative Prompts: Add custom or dynamic negatives (e.g., “no dull colors”).
* Generation Sailing: Fine-tune image creation.
  + Dynamic Settings: Cycle through checkpoints, samplers, VAEs, and sizes (randomly or linearly)—all fetched live from your image tools.
  + Refresh: Update options to match your latest Automatic1111/SD Forge setup.
* Show: A big-screen preview of one prompt and its image at a time.

How to Use It

1. Open Prompt Quill and click "Sail the Data Ocean."
2. In "Main View":
   * Type a starting idea (e.g., "a neon jungle"). Check "Wildcard Suggestions" for quick add-ons like "vivid\_colors".
   * Hit "Start your journey" to begin.
3. In "Setup":
   * Set "Sail steps" (e.g., 10 prompts) and "Sail distance" (e.g., 5 deep). Try "Add a sinus" for a wavy ride.
   * Check "Generate" if you want images—make sure your API URL is set elsewhere (like Settings).
4. In "Filters":
   * Add words to avoid (e.g., "dark, messy") or require (e.g., "bright").
5. In "Prompt Manipulation":
   * Check "Add style" (e.g., "in watercolor") or "Rephrase" for fresh takes. Add a negative prompt (e.g., "no chaos").
6. In "Generation Sailing":
   * Enable dynamic settings (e.g., swap checkpoints every 3 steps) and hit "Refresh" for the latest options.
7. Watch the "Journey journal" fill with prompts and the gallery load images (if enabled). Stop anytime with "Interrupt."
8. Switch to "Show" for a big view of one prompt-image pair at a time.

Why It’s Cool

This tab turns the 5M-prompt dataset into your personal inspiration engine. It’s flexible—sail for prompts alone or generate images on the fly, with live-updated settings from your image tools. Filters and rephrasing keep it tailored, while the sinus option adds a dash of serendipity. Whether you’re brainstorming or bulk-creating, it’s a fun, powerful way to explore the data ocean.

Explore the 5M-prompt dataset with an AI-guided journey—generate prompts or images, tweak with filters and sinus waves, and save the haul.

### Section: Settings Tab

What It Does

The "Settings" tab is your command center for getting Prompt Quill ready to roll. It’s where you hook up the AI brain (LLM), tweak how it digs into the 5-million-prompt dataset, and set default prompts to shape your creations. Split into three sub-tabs—Presets, Model Settings, and Prompting Settings—it lets you save your setup, connect to image tools like Automatic1111 or SD Forge, and fine-tune how prompts are crafted. Think of it as the prep room before you dive into "Chat," "Generator," or "Sail the Data Ocean."

Key Features

* Presets Sub-Tab: Save and load your favorite setups.
  + Preset Picker: Choose from a dropdown of saved configs (e.g., "Cyberpunk Default"), reload the list, or load one up.
  + Create & Save: Name a new preset or overwrite an old one to keep your settings handy.
  + Status: A quick note tells you if it worked (e.g., "Preset loaded!").
* Model Settings Sub-Tab: Configure the AI and dataset connection.
  + LLM Model: Pick your language model (options depend on your install—more to come!).
  + Collection: Select which dataset chunk to use (if you’ve got multiple).
  + Embedding Model: Choose how prompts are searched (default: "all-MiniLM-L12-v2" works fine).
  + Sliders: Adjust temperature (0-2 for creativity), context length (up to 8192 characters), GPU layers (up to 1024 for speed), max output tokens (up to 10240), and top-k (up to 50 dataset hits—watch your context limit!).
  + Save: Lock in your choices with a status update (e.g., "Model saved").
* Prompting Settings Sub-Tab: Set defaults for prompt crafting.
  + Negative Prompt: Type a default negative prompt (e.g., "blurry, low quality") to filter out unwanted stuff across tabs.
  + Rephrase Instruction: Define how the AI rewords prompts (e.g., "make it more vivid")—used in "Sailing" or "Chat."
  + Character: Pick and edit prompt templates (e.g., "Epic Fantasy") to wrap your inputs in a consistent style.

How to Use It

1. Open Prompt Quill and click the "Settings" tab.
2. Presets:
   * Pick a preset from the dropdown and click "Load preset" to apply it. Create a new one by typing a name and hitting "Create new preset."
3. Model Settings:
   * Choose your LLM, collection, and embedding model. Stick with defaults if unsure.
   * Slide "Temperature" to 0.7 for balanced creativity, set "Context Length" to 2048, and "Top-k" to 10 for a manageable dataset fetch.
   * Hit "Save model settings" to lock it in—check the status for confirmation.
4. Prompting Settings:
   * In "Negative Prompt," enter something like "dark, messy" and save it.
   * In "Rephrase instruction," try "add dramatic flair" and save.
   * In "Character," pick a template, tweak it (e.g., "A heroic tale of {prompt}"), and save.
5. Head to another tab (like "Generator")—your settings will power the RAG pipeline and image tool connections.

Why It’s Cool

This tab puts you in control without overwhelming you. Presets save time, Model Settings let you tweak the AI’s brain and dataset dives, and Prompting Settings ensure your prompts start strong. It’s the backbone for connecting to Automatic1111/SD Forge (via API URLs set here or elsewhere) and making that 5M-prompt dataset work for you.

Prep the app—set up the LLM, save presets, and define default prompts. The backbone for all tabs’ AI magic.

### Section: Interrogation Tab

What It Does

The "Interrogation" tab is your toolkit for squeezing stories, names, and new images out of existing pictures. It’s not just about generating prompts from scratch like "Chat" or "Sailing"—here, you feed it images and let the AI (likely Molmo, a vision-language model) analyze them. Whether you’re renaming files based on what’s in the pics, organizing them into folders, crafting tales from visuals, or even turning images back into new images, this tab adds a creative spin to your collection. It’s all powered by Prompt Quill’s smart AI, though it leans less on the 5M-prompt dataset and more on direct image interpretation.

Key Features

* Molmo Sub-Tab: A multi-tool suite for image interrogation.
  + File Rename: Pick a folder, set a prompt (e.g., "describe this in 5 words"), and rename files based on what the AI sees.
  + Story Teller: Toggle it on, write a storytelling prompt (e.g., "spin a tale about this"), and get narratives from your images.
  + Settings: Tweak the AI’s creativity (temperature: 0.1-3), output length (max tokens: up to 1000), and focus (top-k: up to 200, top-p: 0.1-1).
  + File Organizer: Point to a source folder, set a destination, and use a prompt (e.g., "categorize by mood") to sort images into subfolders.
  + Img2Txt2Img: Process a folder of images, generate text descriptions, then create new images from those—see results in a gallery and log.
* PNG Info Sub-Tab: Peek inside image metadata.
  + Upload & Read: Drop an image, and see its embedded info (e.g., prompts or settings used to make it).

How to Use It

1. Open Prompt Quill and click the "Interrogation" tab.
2. Molmo:
   * File Rename: Enter a folder path (e.g., "C:/Images"), set a prompt like "short scene description," and hit "Submit." Files rename to match (e.g., "sunset\_over\_lake.png"). Stop with "Stop" if needed.
   * Story Teller: Check "Enable," type a prompt (e.g., "tell a pirate adventure"), and pair it with "File Rename" or "Img2Txt2Img" to see stories in outputs.
   * Settings: Slide "Temperature" to 1 for balanced creativity, "Max new Tokens" to 500, and save.
   * File Organizer: Set source ("C:/Photos") and destination ("C:/Sorted"), use a prompt like "group by theme," and click "Submit" to sort.
   * Img2Txt2Img: Pick a folder, set a prompt (e.g., "vivid remake"), hit "Submit," and watch new images and logs appear. Adjust "Max Gallery size" (up to 500) for how many to keep.
3. PNG Info: Upload an image (e.g., a generated PNG), and read its metadata in the response box.
4. Check status boxes for progress or tweak settings as you go.

Why It’s Cool

This tab flips the script—instead of crafting prompts for images, it starts with images and spins out text or new visuals. It’s perfect for organizing messy folders, sparking stories, or remixing your art with an AI twist. While it doesn’t dive deep into the 5M-prompt dataset like "Sailing," it complements "Generator" by offering a different angle on image-based creativity.

Turn images into text or new images with Molmo—rename files, tell stories, organize folders, or peek at PNG metadata.

### Section: Wildcards Tab

What It Does

The "Wildcards" tab is your workshop for creating and tweaking wildcard files—those handy snippets that sprinkle variety into your prompts. Think of wildcards as magic placeholders (e.g., \_\_vivid\_colors\_\_) that Prompt Quill swaps with lists of options (like "red, blue, green") to jazz up your text. Used across tabs like "Sailing" (for suggestions) and "Generator" (in prompts), this tab lets you search, edit, or build new wildcards stored in a wildcards/ folder. It’s a behind-the-scenes boost to make your 5M-prompt-powered creations more dynamic.

Key Features

* Search Sub-Tab: Find and tweak existing wildcards.
  + Search Bar: Type a word (e.g., "forest"), hit Enter or "Search," and see matching wildcard files (e.g., \_\_dark\_forest\_\_).
  + Edit Box: Pick a file from the dropdown, see its content (e.g., "pine, oak, misty"), edit it, and save changes.
  + Status: Confirms what’s up (e.g., "Found 3 files" or "Changes saved").
* Create Sub-Tab: Build new wildcards from scratch.
  + Filename: Name your wildcard (e.g., "moods.txt").
  + Subfolder: Pick or type a folder (e.g., "emotions/")—new ones get created if needed.
  + Content: Write options (e.g., "happy, sad, eerie"), one per line or comma-separated.
  + Save Options: Check "Overwrite" to replace an existing file, or hit "Refresh Subfolders" to update the dropdown.
  + Status: Tells you if it worked (e.g., "File saved: wildcards/emotions/moods.txt").

How to Use It

1. Open Prompt Quill and click the "Wildcards" tab.
2. Search:
   * Type something like "sky" in the search box and hit "Search."
   * Pick a result (e.g., \_\_night\_sky\_\_ (/wildcards/skies/night\_sky.txt)), edit its content (e.g., add "starry"), and click "Save Changes."
   * Check the status for confirmation.
3. Create:
   * Enter a filename (e.g., "weather.txt"), pick a subfolder (e.g., "nature") or type a new one (e.g., "seasons/summer").
   * Add content (e.g., "sunny, rainy, cloudy"), then hit "Save."
   * If it’s a new subfolder, click "Refresh Subfolders" to see it in the dropdown.
4. Use your wildcards in "Sailing" (e.g., "weather" in a prompt) or "Generator"—they’ll swap in automatically.

Why It’s Cool

Wildcards are Prompt Quill’s secret sauce for variety. This tab makes them easy to manage, whether you’re tweaking a list of adjectives or building a whole new category. Tied into the app’s prompting power (like the 5M-prompt RAG pipeline), they let you mix structure with spontaneity—perfect for creative bursts or consistent themes across tabs.

Manage wildcard files (e.g., \_\_colors\_\_) to add variety to prompts across tabs like "Sailing." Search, edit, or create new ones.

### Section: Deep Dive Tab

What It Does

The "Deep Dive" tab lets you plunge into the 5-million-prompt dataset to see what’s swimming beneath your input. Ever wonder what bits of that massive prompt ocean your "Chat" message or other searches pull up? This tab shows you—retrieving and displaying the raw context (up to 50 entries) that the AI uses to craft its responses. It’s a peek behind the curtain of Prompt Quill’s RAG pipeline (Retrieval-Augmented Generation), perfect for curious users who want to explore the data driving their prompts.

Key Features

* Search Box: Type a phrase (e.g., "space adventure") to dive into the dataset.
* Top-K Slider: Set how many context entries to fetch (1 to 50)—think of it as how wide you cast your net.
* Context List: See up to 50 textboxes, each showing a snippet from the dataset that matches your search. Only the number you set with the slider will light up.

How to Use It

1. Open Prompt Quill and click the "Deep Dive" tab.
2. Slide "How many entries to retrieve" to a number (e.g., 5 to start small, up to 50 for a big haul).
3. In "Context search," type something—like what you’d put in "Chat" (e.g., "a glowing forest").
4. Watch the textboxes fill up—each one shows a piece of the 5M-prompt dataset related to your search (e.g., "Context 1: lush forest with bioluminescent trees").
5. Adjust the slider or tweak your search to see more or different results.

Why It’s Cool

This tab is your window into Prompt Quill’s brain. It shows the raw data—the actual prompts from that 5M-strong collection—that the AI grabs to build your polished outputs in "Chat" or "Sailing." It’s simple but powerful, letting you explore the dataset’s depth and see how your ideas connect to real-world prompts. Great for tweaking searches or just geeking out on the data!

Peek into the 5M-prompt dataset—see the raw context behind your "Chat" inputs, up to 50 entries at a time.

### Section: ItTtI Tab

What It Does

The "ItTtI" tab (Image-to-Text-to-Image) is your lab for turning images into better prompts—and better images—through automated reverse engineering and scoring. Unlike "Sailing" or "Chat," it skips heavy use of the 5M-prompt dataset to save memory, focusing instead on analyzing images, generating prompts, scoring them, and refining over cycles. Whether you’re processing a folder of pics, researching model performance, or tweaking scoring weights, this tab is built for power users who want to perfect their prompts and train smarter image generation.

Key Features

* Work Sub-Tab: Batch-process images.
  + Input Folder: Point to a folder of images to analyze and improve.
  + Galleries: See the last 6 images being processed and the 6 best ones (above a score threshold).
  + Log & Status: Track progress in a log and see how many images are done.
* Research Sub-Tab: Test and refine models.
  + Runner: Run batches to score models, view results in galleries, or fetch topics for research prompts.
  + Research Prompts: Edit three prompt-topic pairs (e.g., "futuristic city" + "cyberpunk") to test.
  + Cleanup/Down Score: Drag-and-drop files to delete from the database or mark as false positives.
* Prompting Sub-Tab: Shape prompts with add-ons.
  + Style & LoRA: Add positive/negative styles (e.g., "cinematic") or LoRA tweaks (e.g., "sharp details").
  + Negative Prompt: Set a default negative for Automatic1111/SD Forge.
* Settings Sub-Tab: Fine-tune the process.
  + Folders: Set paths for "good" outputs, drafts, and logs.
  + Generating: Pick samplers, checkpoints, VAEs, LoRAs, and embeddings—refreshed from your image tools.
  + Sailing: Toggle prompt enhancement or "sailing" steps (like mini-"Sailing" runs) per image or cycle.
  + Scoring: Adjust weights for comparison (e.g., CLIP, SSIM) or single-mode scorers (e.g., aesthetic, blur)—aim for a sum of 1.0.
  + Molmo: Customize prompts and token limits for the vision model (Molmo) doing the reverse engineering.
  + Misc: Set image count, feedback style, and early-stop thresholds.

How to Use It

1. Open Prompt Quill and click the "ItTtI" tab.
2. Work:
   * Enter a folder path (e.g., "C:/Images"), hit "Run Batch," and watch the log and galleries fill—stop with "Stop Run" if needed.
3. Research:
   * Edit prompts (e.g., "Prompt 1: a dragon" + "Topic: fantasy"), then click "Run Research" to test models. Use "Get Topics" for ideas.
   * Drag bad images to "Cleanup Results" or "Down score" to refine the database.
4. Prompting:
   * Add a positive style (e.g., "in watercolor") or negative prompt (e.g., "no blurry edges").
5. Settings:
   * In "Folders," set "Good Folder" (e.g., "C:/GoodImages").
   * In "Generating," pick a checkpoint and hit "Refresh" for live options from Automatic1111.
   * In "Scoring," enable "Aesthetic" (weight 0.5) and "Detail" (0.5), then "Update Weights."
   * In "Molmo," set a custom prompt (e.g., "describe vividly") and max tokens (200).
   * In "Sailing," check "Enable Sailing Step" for per-image prompt tweaks.
6. Watch "good" images pile up as the AI iterates and scores—tweak settings to hit your target score!

Why It’s Cool

"ItTtI" is Prompt Quill’s mad scientist mode. It reverse-engineers images into prompts, scores them with customizable metrics, and loops to make them better—all while integrating with Automatic1111/SD Forge (API URL from "Generator"). It’s less about the 5M-prompt dataset and more about refining your own images and prompts, making it a unique blend of automation and creativity. Perfect for training models or perfecting a vision over multiple cycles.

Reverse-engineer images into prompts, score them, and refine over cycles. A VRAM-light lab for perfecting outputs with Automatic1111.

### Section: Image Scoring Tab

Image Scoring Tab

What It Does

The "Image Scoring" tab is your quick-and-easy way to rate images based on their aesthetic quality. Whether you’ve got one picture or a whole folder, this tab uses Prompt Quill’s scoring smarts (likely the same aesthetic metrics from "ItTtI") to give each image a score from 0 to 10. It’s perfect for sorting through generated art, picking winners from a batch, or filtering out low-quality pics—think of it as a quality checkpoint that complements "Generator" or "ItTtI" workflows.

Key Features

* Single Image Sub-Tab: Score one image at a time.
  + Upload Box: Drop in an image to evaluate.
  + Score Result: Get a number (e.g., "8.2") showing its aesthetic appeal.
* Image Folder Sub-Tab: Process a bunch at once.
  + Folder Input: Select a directory of images.
  + Minimum Score: Set a threshold (e.g., 7) to filter keepers.
  + Options: Choose to keep the folder structure or dump scored images into a new output folder.
  + Status: See progress (e.g., "Processed 15 images").

How to Use It

1. Open Prompt Quill and click the "Image Scoring" tab.
2. Single Image:
   * Upload an image (e.g., a PNG from "Generator") and hit "Score Image."
   * Check the score in the result box—higher is better (e.g., 9.0 means it’s a stunner).
3. Image Folder:
   * Pick a folder with images (e.g., "C:/Generated").
   * Slide "Minimum Score" to 7 (or your preference), set an "Output Folder" (e.g., "C:/Scored"), and decide if you want to "Create new Folder" or keep the structure.
   * Click "Score Image" and watch the status update as it sorts—only images above your threshold get saved.
4. Use the scores to pick top images or refine your next "ItTtI" or "Generator" run.

Why It’s Cool

This tab is a lightweight gem—fast, simple, and handy for quality control. It doesn’t mess with prompts or the 5M-prompt dataset; it just scores what you’ve got, making it a great sidekick to "ItTtI"’s deeper cycles or "Generator"’s output. Tied to Automatic1111/SD Forge via settings from "Generator," it’s a no-fuss way to sift through art and keep the best.

Rate images for aesthetics—single pics or folders—filtering keepers with a simple 0-10 score.

### Section: Model Testing Tab

What It Does

The "Model Testing" tab is your proving ground for seeing how well image generation models (like those in Automatic1111/SD Forge) handle a variety of prompts. It’s built for experimentation—pick lists of characters, vehicles, styles, and more, then run tests to generate images and see what works. Whether you’re tweaking a single combo or running a marathon of every possibility, this tab helps you evaluate model performance with detailed control, tying into Prompt Quill’s broader mission of perfecting prompts and outputs.

Key Features

* Setup Test Sub-Tab: Start your experiment.
  + Test List: Pick prompt categories (e.g., "Characters," "Styles")—multi-select for variety.
  + Test Type: Choose "Largest List" for a quick run or "Full Run" for exhaustive testing (warning: it takes time!).
  + Gallery & Sample: See output images and sample prompts from your setup.
* Generation Settings Sub-Tab: Set image creation details.
  + Steps, CFG, Dimensions: Select generation steps, CFG scale, and image sizes from dropdowns.
* Category Sub-Tabs: Build your prompts.
  + Characters: Pick from characters, celebrities, creatures (air, land, sea), objects, and adjectives.
  + Vehicles: Choose air, land, sea, or space vehicles.
  + Relations: Add moving or still relationships (e.g., "flying above").
  + Adjectives: Select object, visual, or quality descriptors.
  + Settings: Add scene setups or "things."
  + Style: Mix in colors, styles, or artist influences.
  + Instruction Prompt: Write a custom template (e.g., "{Character} in {Style}") to tie it all together.

How to Use It

1. Open Prompt Quill and click the "Model Testing" tab.
2. Setup Test:
   * In "Select the List(s)," pick categories (e.g., "Characters," "Vehicles," "Styles").
   * Choose "Largest List" for a fast test or "Full Run" for everything.
   * Click "Get a sample" to preview one prompt, or "Get all samples" for the full set—check the sample box.
   * Hit "Run test" to generate images; stop with "Stop test" if needed.
3. Generation Settings:
   * Set "Steps" (e.g., 50), "CFG" (e.g., 7.5), and "Image Dimension" (e.g., 512x512).
4. Categories:
   * In "Characters," pick "Dragons" from "Air Creatures."
   * In "Vehicles," add "Spaceship" from "Space Vehicle."
   * In "Style," select "Cyberpunk" and "Neon Colors."
   * In "Instruction Prompt," write "A {Character} flying a {Vehicle} in {Style} hues."
5. Watch the gallery fill with images and the status update (e.g., "Generated 10 images").

Why It’s Cool

This tab is Prompt Quill’s testing lab—great for figuring out what your model can handle or comparing outputs across settings. It’s structured yet flexible, letting you mix and match prompt pieces without leaning on the 5M-prompt dataset (unlike "Sailing"). Tied to Automatic1111/SD Forge via "Generator"’s API URL, it’s a practical way to refine your workflow or just have fun experimenting.

Test model performance with structured prompts—mix characters, styles, and vehicles to see what shines.

### Section: File2File Tab

What It Does

The "File2File" tab is your batch-processing buddy—drop in a bunch of files, and let Prompt Quill work its magic. It’s designed to take text or other files, process them with the app’s AI (likely the LLM from "Settings"), and spit out results—optionally summarized for quick reads. Think of it as a utility for handling multiple inputs at once, complementing "Chat"’s single-prompt ease or "ItTtI"’s image cycles, all while leaning on Automatic1111/SD Forge integration set up in "Generator."

Key Features

* Input Files: Upload multiple files (e.g., text docs, PDFs) to process in one go.
* Summary Option: Toggle to get concise summaries of the AI’s output.
* Status: Tracks progress (e.g., "Processed 5 files").

How to Use It

1. Open Prompt Quill and click the "File2File" tab.
2. Drag-and-drop files into the "Files" box (e.g., a folder of text prompts or PDFs).
3. Check "Summary" if you want short versions of the results.
4. Hit "Run Batch" and watch the status update as it processes (e.g., "Completed 10 files").
5. Use the outputs—likely refined prompts or text—for your next "Generator" or "Sailing" run.

Why It’s Cool

This tab keeps things simple but powerful—batch processing saves time, and the summary option makes it easy to skim AI outputs. It’s a flexible sidekick, handling whatever files you throw at it with Prompt Quill’s LLM smarts, perfect for bulk prep before diving into image generation or dataset exploration.

Batch-process files with the LLM, optionally summarizing outputs—a quick utility for text prep.

### Conclusion

Prompt Quill 2.0 is your all-in-one creative hub as of March 12, 2025. From quick chats to deep dataset dives, it’s built to spark ideas and refine them into prompts—or images—via Automatic1111, SD Forge, or Horde. The 5M-prompt dataset powers tabs like "Sailing" and "Chat," while "ItTtI" and "Image Scoring" focus on analysis and refinement. Settings like the API URL live in "Generator" but ripple across tabs, blending flexibility with power. Whether you’re an artist, tinkerer, or prompt pro, dive in—tweak wildcards, score your art, or test models—and make it yours under the Apache License 2.0. Happy creating!