

PromptER (Prompt Studio) — One-Page Cheatsheet

YourOrg Logo

Brand: YourOrg · PromptOps Team

A printable, single-page reference for hot actions & core workflows.

Quick setup

- **Target folder** → Sidebar ▸ *Project Folders* ▸ **Target folder for saves** (required before saving).
- **Load LLM** → Prompt Studio ▸ Panel 2 ▸  **Load Model** (llama3 by default).
- **Skeleton steps** → Panel 2 ▸ **Number of steps** (start with 5–7).

Core build workflow (S → T → O)

1. **Define** → Panel 1 ▸ fill **Goal, Context, Role, Output Format** ▸ **Next** → **Skeleton**.
2. **Skeleton** → Panel 2 ▸  **Generate Skeleton** ▸ **Choose step** to focus.
3. **Expand** → *Tree of Thought* ▸  **Generate Tree of Thought** (fan-out options).
4. **Assemble** → Panel 3 ▸ **Select a step to add** ▸ paste/trim ToT ▸ **Generate Optimized Prompt**.
5. **Check** → **PromptLID vs Steps** (bar) + **Curvature: Goal vs Optimized** (overlay).
6. **Save** → Sidebar ▸ *Project Folders* ▸  **Save Optimized** (and **Save Skeleton/ToT** if needed).

Tip: Keep steps atomic; prefer nouns/verbs over long sentences to improve PromptLID clarity.

Web Scraper workflow (discover + rank prompts)

- **Preset / Base URL:** Pick a **Site preset** or fill **Base URL**.
- **Search query:** Aim for 3–6 key terms.
- **Similarity:** **auto** (good default), switch to **tfidf** for rare terms, **fuzzy** for noisy text.
- **Top K:** 10 (start).
- **Max pages:** 25–50; **Rate limit:** 1–2s; **Disable concurrency** if sites throttle.
- **Run** → **Scrape & Search**.
- **Use** → Check **Results table**; enable **Add scraped prompts to Prompt Studio corpus** (requires **Goal** set).
- **Export** →  **Download JSON** for archiving.

Tip: Respect robots.txt. If blocked/empty, reduce scope, increase timeouts, or try another preset.

Prompt Quality Check workflow (analyze + validate)

- **Load** → *Open Previous Runs & loaders* ▶ select folder/files to inspect.
- **Analyze** → *Token Relevance Spider Chart* ▶ **Normalize** ON; toggle **Use cosine distance** to compare.
- **Optimize** → set **Relevance scoring iterations** (10–20). Toggle **Use llama3 + Sampling temperature** if you want stochastic exploration.
- **Validate** → pick **Prompt category** ▶ **Validate prompt against category — ...** ▶ review **Validation report** ▶  **Download report**.
- **Maintain** → **Clear Embedding Cache** if memory grows.

Tip: Keep categories consistent across a project to trend scores apples-to-apples.

Git Sync quick flow (version everything)

1. **Init/Clone** → **Init Repo** *or* **Clone**.
2. **Identity** → set **user.name** / **user.email** (local).
3. **Stage & Commit** → **Add All** → **Commit**.
4. **Remote** → **Set origin** (if needed) → **Push** ▶ **Pull** to update.

Tip: Commit `skeleton_*.json`, `tot_*.txt`, `optimized_prompt_*.txt`, and `validation_*.json` together for traceability.

Hot actions (at a glance)

-  **Load Model** – start LLM backend.
 -  **Generate Skeleton** – create SoT steps.
 -  **Generate Tree of Thought** – expand a step.
 - **Generate Optimized Prompt** – assemble final.
 -  **Save Optimized / Save Skeleton / Save ToT** – persist artifacts.
 - **Scrape & Search** – discover/capture prompts.
 - **Validate prompt** – category audit.
 - **Clear Embedding Cache** – free memory.
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Troubleshooting (fast)

- **Cannot save** → set **Target folder**.
 - **Charts empty** → generate skeleton; select steps; produce **Optimized Prompt** first.
 - **Scraper yields nothing** → increase **Max pages**; check **Base URL**; try **tfidf**; respect robots.
 - **Git push fails** → set identity; verify **origin URL** & branch; check credentials.
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Org defaults — YourOrg

- **Model:** llama3 (YourOrg hosted runtime)
- **Steps:** 6
- **Similarity:** auto
- **Top K:** 12
- **Max pages:** 40
- **Rate limit:** 1.5s
- **Iterations (QC):** 16; **Normalize** ON; **Use cosine distance**
- **Git:** branch main; sign commits; tag releases yo-<date>
- **Artifacts:** prefix files with yo_ (e.g., yo_optimized_prompt_<slug>.txt)

Print tip: Use A4/Letter, 0.5" margins, scale 95–100%.