

Promptware Developer Cheat Sheet

****Core Concept****

Promptware makes software ephemeral, prompt-driven, and agent-native. One memorable port, five verbs, infinite apps.

****The Five Verbs****

Verb	Purpose
plan.create@v1	Generate a file plan from a natural language prompt
fs.apply@v1	Apply the plan to write files/patches
run.start@v1	Run the program in a sandbox
httpcheck.assert@v1	Validate with probes (status/body checks)
report.finish@v1	Bundle artifacts, logs, and verdict

****CLI Quick Commands****

- `mcp run` → Full pipeline: prompt → app → validation
- `mcp change` → Apply patch and restart
- `mcp list` → Show tasks, status, URLs
- `mcp open` → Open artifacts and preview URL
- `mcp export` → Export source tree
- `mcp kill` → Stop and clean up

****Networking Flow****

1. Runner binds internally via UDS (preferred) or ephemeral high-range TCP (61000–64999).
2. Promptware Gateway proxies everything on Port 23456.
3. Users access apps at: `http://127.0.0.1:23456/apps/`

****Slogan****

One port, five verbs, infinite software. Prompted, not programmed.