

COMPANION WORKSHEET

Chapter 11 — Inference Runtime

Use this worksheet after Chapter 9 is `Observed` as `expected` and Chapter 10 is `Ready` for Chapter 11. It installs or reuses the inherited inference service. It does not install Open WebUI.

Work from a fresh copy. Use `TBD`, `Evidence missing`, or `Not applicable`.

A. Freeze inherited host and prior proof

Chapter 8 host label

Chapter 9 worksheet path

Chapter 9 host-path verdict
must be `Observed` as `expected`

Chapter 10 worksheet path

Chapter 10 verdict
must be `Ready` for Chapter 11

Inherited deployment path
`native` / `containers`

Chapter 10 container-path observation
`Observed` as `expected` / `Not applicable`

Inherited expected placement

Intended audience, written before any launch

Chapter 2 leftover on this host
`none` / `inventory and reuse` / `inventory and isolate`

If Chapter 9 is not `Observed` as `expected`, or Chapter 10 is not `Ready` for Chapter 11, stop. If the inherited path uses `containers` and `container-path` observation is not `Observed` as `expected`, stop. Existing is not inherited.

B. Install the exact inherited runtime

Runtime identity

Install path matches Chapter 6
`Yes` / `reused matching leftover` / `No` / `Evidence missing`

Official documentation path

First publish or bind used at launch

Why this is not a substitute runtime

C. Download and inspect one exact artifact

Artifact name

Artifact identity record
inspectable ID, not latest

Inspected identity

Why this does not redo Chapter 5 fit arithmetic

D. Run, observe placement, then stop

Command used to run

Observed placement
all-GPU / mixed / all-CPU / Evidence missing

Observation method
ollama ps Processor field or official equivalent

Stopped on purpose, artifact still installed
Yes / Evidence missing

ollama rm named and not executed on that sole artifact
Yes

Why a later chat answer is not this observation

E. Keep the service available only where intended

Intended audience
this host / Compose-internal / named private path

Reachability endpoint — native 127.0.0.1:11434 / host-loopback publish / network + service name + internal port, no host publish

Matches the audience written before launch
Yes / Evidence missing

F. Assian one verdict

Allowed verdicts are exactly Ready for Chapter 12, Blocked, or Evidence missing.

Finite verdict

Binding reason

Next proof

Invalidation condition

one exact change that requires this proof to be repeated

Ready for Chapter 12 is not an Open WebUI install. It means one exact runtime, one exact still-present artifact, and one observed placement exist.

Deterministic self-check

- ☐ Chapter 9 Observed as expected and Chapter 10 Ready for Chapter 11 were consumed, not repaired.
- ☐ Any Chapter 2 leftover was inventoried before a second install.
- ☐ Runtime matches the inherited Chapter 6 path.
- ☐ Audience was written before the first container launch.
- ☐ One exact artifact is recorded without latest and still installed.
- ☐ Placement is observed from the runtime, not from a chat answer.
- ☐ Stop was practiced; ollama rm was not run on that sole artifact.
- ☐ The verified listener matches the written audience.
- ☐ No chat interface is installed.
- ☐ Exactly one allowed verdict and one invalidation condition are recorded.