

# Runbooks

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Runbooks are demolab’s **procedure layer**: named, repeatable jobs the agent runs step by step, showing each result and confirming before it moves on. Where a guide is always-on reference, a runbook is invoked when you want it: type its name in capitals (**LINT**, **DOCTOR**, **GETTING-STARTED**) and the agent opens it and drives it. Say **HELP** for the full menu. The canonical text is the Markdown source, linked below.

## Getting in

- **GETTING-STARTED**: set up a fresh lab end to end: scaffold, brand, pick a stack, get it building and optionally published, then land a first experiment.
- **TOUR**: a guided walk through an existing repository, so you (or a new collaborator) learn where everything lives.

## Checking the work

- **LINT**: audit the prose *and* the figures against the house style.
- **DOCTOR**: audit the repository’s structure against the rules.
- **RED-TEAM**: attack a result’s validity, hard, to surface what would break it.
- **STEELMAN**: build the strongest honest case for a result.
- **GROUND-CLAIMS**: back every claim with a run or a citation.
- **NEXT**: suggest what to run next.

## Bringing work in

- **MIGRATE-CODE**: wrap an existing codebase, one experiment at a time, without rewriting the science.
- **MIGRATE-STACK**: switch the language your tools are written in (MATLAB, R, Julia, Octave).
- **FROM-JUPYTER**: convert a notebook into a tool, a runner, and a write-up.
- **FROM-PAPER**: reproduce a paper’s result from scratch.

## Housekeeping

- **EMBED-DOCS**: use demolab as a docs subfolder inside another project.
- **UPDATE**: bump the `demolab-cli` dependency to the latest engine and review what changed between versions.

Their always-on counterpart, the **guides**, each has its own page in this collection.