

# ■ SEA-SEQ Quick Start Guide

This guide will help you set up and run **SEA-SEQ** quickly — whether you want to spin up supporting services or execute test suites and generate reports.

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## ■ How It Works

- **./run.sh compose**
  - Builds and starts the **API/DB/Web stack** defined in `docker-compose.yml`.
  - Streams logs until you stop it (`Ctrl+C`).
- **./run.sh reports [suite env openapi]**
  - Builds the SEA-SEQ CLI Docker image.
  - Runs the specified test suite inside the container.
  - Generates reports in the `./reports/` folder.
  - If no arguments are passed, runs the bundled JSONPlaceholder demo.

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## ■ Running SEA-SEQ

### 1. *Spin up API/DB/Web services*

`./run.sh compose`

To view logs at any time:

`docker-compose logs -f --tail=100`

To stop services:

`docker-compose down`

To stop and remove services (containers, networks, volumes):

`docker-compose down -v`

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### 2. *Run SEA-SEQ Tests & Generate Reports*

```
./run.sh reports
```

This will:

- Build the CLI image.
- Run the default demo suite (`tests/examples/jsonplaceholder/...`).
- Output results into `./reports/`.

Reports include:

- `report.html` (human-readable)
- `results.json` (raw results)
- `junit.xml` (CI integration)
- `coverage.json` (path/method coverage)

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### ***3. Run Custom Test Suites***

You can specify your own files:

```
./run.sh reports path/to/suite.yaml path/to/env.json path/to/openapi.json
```

Example:

```
./run.sh reports tests/mysuite.yaml configs/env.json specs/openapi.json
```

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■ That's it — new developers can now spin up services or run tests with one command.