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1 Development

1.1 Dev shell

The flake provides a nix dev shell with zig, clang, quarto, and the shared treefmt setup:

```
nix develop
```

1.2 Quick commands

The justfile holds the common recipes:

- `just` - list recipes
- `zig build` - build the binary
- `zig build test` - run the test suite
- `just lint` - treefmt lint
- `just format` - treefmt format
- `just quarto-render` - render the docs website into `_output/`
- `just quarto-man` - render the man page into `_output/docs/man/`
- `just quarto-preview` - preview the website locally

1.3 Docs

Root markdown files are rendered into the quarto website; see the `render` and `sidebar` sections of `_quarto.yaml`. Man page source lives in `docs/man/`.

1.4 Testing

Tests live in per-area `tests/` directories under `src/`: `src/cli/tests/`, `src/artifacts/tests/` and `src/platforms/<PLATFORM>/tests/`. Each entrypoint module aggregates its own tests and `zig build test` runs everything from a single test root:

```
zig build test
```