

Architect Handoff Notes

Date: 2025-12-11 **To:** Incoming Architect **Focus:** Post-Phase 2.5 Verification & Phase 3 Initiation

Context

We have delivered the **Builder Execution Kit** for Phase 2.5 (Animation Modernization).

- **Current State:** The codebase currently contains both the new `plot_interactive_animation.py` and the legacy `plot_hourly_animation.py`.
- **Expected State (Next Session):** The legacy file should be deleted, and `run_regression_test.py` should be updated to handle HTML diffs.

The Immediate Task: Phase 3 (The Web Pathfinder)

Once Phase 2.5 is verified, we must begin **Phase 3**. This involves Dockerizing the application and bootstrapping the Django web interface.

- **Constraint:** Do not include `ffmpeg` in the Docker container. Phase 2.5 was designed specifically to remove this requirement.

Instructions for Next Session

1. **Verify Execution:** Check the Project Bundle to ensure:
 - `contest_tools/reports/plot_hourly_animation.py` does NOT exist.
 - `run_regression_test.py` contains the `.html` handling logic.
2. **Execute Phase 3:**
 - Create `Dockerfile` (Python 3.11-slim).
 - Create `docker-compose.yml`.
 - Initialize the Django project structure.