

Technical Directive: Semantic Routing & Cleanup

Target Audience: Incoming Architect / Developer **Priority:** Immediate
Context: Phase 4, Step 2 (Stabilization)

Problem Statement

The "Interactive Animation" report fails to load (404) because it is stored in the wrong directory. It currently identifies as `report_type = 'html'`, causing it to be routed to a generic `html/` folder. The Web Dashboard expects it to reside in `animations/`.

Strategic Directive

Deprecate the `html` directory. We are moving away from extension-based routing. All reports must be routed to semantic directories (`text`, `plots`, `charts`, `animations`).

Execution Steps

1. Reclassify `plot_interactive_animation.py`

Goal: Force the animation report into the correct semantic bucket.

- **Action:** Edit `contest_tools/reports/plot_interactive_animation.py`.
- **Change:** Update the class attribute `report_type` from `'html'` to `'animation'`.

2. Refactor `report_generator.py`

Goal: Enforce semantic routing and remove the `html` bucket.

- **Action:**
 1. Remove `self.html_output_dir` from the `__init__` method.
 2. Remove the `elif report_type == 'html':` routing logic in the `run_reports` loop.
 3. **Cleanup:** While in this file, remove the temporary "DEBUG TRACE" logging injected during the previous session. (The logs have served their purpose; restore the file to a clean state).

3. Verify

- **Action:** Restart the container and run the analysis.
- **Success Criteria:**
 1. The `html/` folder is no longer created in the session directory.
 2. The `interactive_animation` HTML file appears inside the `animations/` folder.

3. The Web Dashboard link opens the animation successfully (200 OK).