

# Ralph CLI UI Fixes Report

## Technical Evaluation Implementation

Generated: 2026-01-16

### Summary of Fixes

1. Path Resolution Bug - Added lib/cli/paths.js utility
2. Agent Availability Warning - Shows warning for unavailable agents
3. Status Inconsistency - Formats "in\_progress" as "In Progress"
4. Stream Search Filter - Filters 66+ streams in dropdown
5. Merge Button Logic - Enables with any progress (not just 100%)
6. Empty Logs Display - Fixed regex and added fallback

### Files Changed

- lib/cli/paths.js (new)
- lib/cli/index.js
- bin/ralph
- ui/src/services/agent-checker.ts (new)
- ui/src/routes/api.ts
- ui/src/services/log-parser.ts
- ui/src/services/state-reader.ts
- ui/public/dashboard.html

# Dashboard Overview

Shows the main dashboard with agent selector and stream search input

The screenshot shows the RALPH main dashboard interface. On the left is a vertical sidebar with navigation links under categories: MAIN, MONITORING, TOOLS, and ADVANCED. The 'Dashboard' link under MAIN is currently selected. At the bottom of the sidebar is the version information 'v1.0.0'. The main content area is divided into two main sections: 'Command Center' and 'Overall Progress'. The 'Command Center' section contains fields for 'Iterations' (set to 5), 'Agent' (set to 'Claude (v2.1.9)'), and 'Stream' (with a dropdown menu showing 'Default (latest)' and other streams: PRD-1: Product Requirements, PRD-2: Product Requirements, PRD-3: Product Requirements, PRD-4: Product Requirements, PRD-5: Product Requirements, PRD-6: Product Requirements). It also includes a 'Progress View' button, a 'Search streams...' input field, and a checkbox for 'Dry run (no commit)'. Below these controls are two buttons: 'Start Build' (dark green) and 'Stop Build' (pink). Underneath the build buttons is a 'BUILD STATUS' section showing the status 'IDLE'. The 'Overall Progress' section is partially visible at the bottom.

# Agent Availability Warning

Warning displayed when selecting Droid (not installed)

The screenshot shows the RALPH application interface. On the left is a sidebar with navigation links under categories: MAIN, MONITORING, TOOLS, and ADVANCED. The 'Dashboard' link under MAIN is currently selected. The main content area is titled 'Command Center'. It features several input fields: 'Iterations' set to 5, 'Agent' dropdown set to 'Droid (Not Installed)', and a 'Stream' dropdown with options like 'Default (latest)' and 'Search streams...'. A progress bar labeled 'Progress View' is shown. Below these are two buttons: 'Start Build' (dark green) and 'Stop Build' (pink). A 'BUILD STATUS' box indicates 'IDLE'. At the bottom of the Command Center section, there's a heading 'Overall Progress'. In the top right corner of the main area, there's a green circular badge with the word 'IDLE'.

# Stream Search Filter

Filtering streams by "TUI" reduces options from 67 to 1

The screenshot shows the RALPH Command Center interface. On the left is a sidebar with sections: MAIN (Home, Dashboard), MONITORING (Logs, Tokens, Trends), TOOLS (Editor, Chat), and ADVANCED (Agent Guide). The version v1.0.0 is at the bottom. The main area has tabs: Dashboard (selected) and Command Center. In the Command Center, there are fields for Iterations (5), Agent (Droid (Not Installed)), and Stream (TUI). A note says "Droid is not installed. See droid installation docs". There's a "Progress View" button and a checkbox for "Dry run (no commit)". Below is a "BUILD STATUS" section showing "IDLE". At the bottom is an "Overall Progress" section.

RALPH

MAIN

Home

Dashboard

Streams

Documentation

MONITORING

Logs

Tokens

Trends

TOOLS

Editor

Chat

ADVANCED

Agent Guide

v1.0.0

Dashboard

IDLE

Command Center

Iterations: 5

Agent: Droid (Not Installed)

Droid is not installed. See droid installation docs

Stream: TUI

Progress View

PRD-1: Product Requirements

Dry run (no commit)

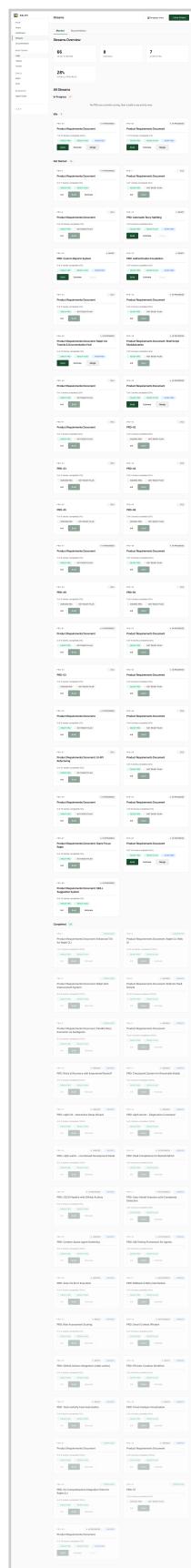
BUILD STATUS

IDLE

Overall Progress

# Streams Page - Status & Merge

Shows formatted status ("In Progress") and enabled merge buttons for PRDs with progress



# Activity Logs

Logs page now displays activity entries properly

The screenshot shows the RALPH application interface with the 'Logs' tab selected. The main content area is titled 'Activity Logs' and displays a list of log entries. The log entries are organized by date and include details such as timestamp, log level (INFO), and message content. The interface includes a sidebar with navigation links for MAIN, MONITORING, TOOLS, and ADVANCED sections, as well as specific links for Home, Dashboard, Streams, Documentation, Logs, Tokens, Trends, Editor, Chat, Agent Guide, and v1.0.8. At the bottom of the page, there is a section titled 'Recent Runs' and a footer note '404 Not Found'.

Timestamp	Log Level	Message
Jan 16, 09:37:53	INFO	Run 20260116-093555-22052 iteration 1 (plan): success (117s)
Jan 16, 09:37:52	INFO	ITERATION 1 end (duration:117s)
Jan 16, 09:35:55	INFO	ITERATION 1 start (mode=plan)
Jan 16, 09:33:20	INFO	US-011: Created run summary documenting all deliverables and verification steps
Jan 16, 09:23:50	INFO	US-011: Completing remaining challenge kit tasks - directory structure, challenges 2-8, judge training, quick reference
Jan 16, 07:36:21	INFO	Completed US-006 implementation: codebase-mixer, scorer, marking interface, reveal page, pattern guide, 5 API endpoints
Jan 16, 06:47:19	INFO	Starting work on US-003: View Visual Identity Showcase
Jan 16, 05:29:39	INFO	Run 20260116-051940-83398 iteration 1 (plan): success (598s)
Jan 16, 05:29:38	INFO	ITERATION 1 end (duration:598s)
Jan 16, 05:15:40	INFO	ITERATION 1 start (mode=plan)
Jan 16, 05:15:37	INFO	Run 20260116-050920-78628 iteration 1 (plan): success (377s)
Jan 16, 05:15:37	INFO	ITERATION 1 end (duration:377s)
Jan 16, 05:09:20	INFO	ITERATION 1 start (mode=plan)
Jan 16, 05:08:41	INFO	ITERATION 5 start (mode=plan)
Jan 16, 05:08:39	INFO	Run 20260116-050011-73048 iteration 4 (plan): success (39s)
Jan 16, 05:08:38	INFO	ITERATION 4 end (duration:39s)
Jan 16, 05:07:59	INFO	ITERATION 4 start (mode=plan)
Jan 16, 05:07:57	INFO	Run 20260116-050011-73048 iteration 3 (plan): success (47s)
Jan 16, 05:07:57	INFO	ITERATION 3 end (duration:47s)
Jan 16, 05:07:10	INFO	ITERATION 3 start (mode=plan)
Jan 16, 05:07:08	INFO	Run 20260116-050011-73048 iteration 2 (plan): success (46s)
Jan 16, 05:07:08	INFO	ITERATION 2 end (duration:46s)
Jan 16, 05:06:22	INFO	ITERATION 2 start (mode=plan)
Jan 16, 05:06:20	INFO	Run 20260116-050011-73048 iteration 1 (plan): success (369s)
Jan 16, 05:06:20	INFO	ITERATION 1 end (duration:369s)
Jan 16, 05:00:11	INFO	ITERATION 1 start (mode=plan)
Jan 14, 23:45:14	INFO	Starting US-004: Audit and fix all interactive elements
Jan 14, 23:40:36	INFO	Browser testing complete: All chat links functional from 6 pages, navigation back works
Jan 14, 23:40:34	INFO	Updated all 6 UI pages with chat navigation link
Jan 14, 23:40:32	INFO	Created chat.html page with proper UI template and navigation
Jan 14, 23:37:54	INFO	Starting US-002: Create missing chat page
Jan 14, 23:33:54	INFO	US-001 work started
Jan 14, 23:26:22	INFO	Run 20260114-23352-46889 iteration 1 (plan): success (150s)
Jan 14, 23:26:22	INFO	ITERATION 1 end (duration:150s)
Jan 14, 23:23:52	INFO	ITERATION 1 start (mode=plan)
Jan 14, 21:59:29	INFO	--help
Jan 14, 21:59:08	INFO	--help
Jan 14, 21:58:04	INFO	--help
Jan 14, 20:29:28	INFO	US-004 COMPLETE: All acceptance criteria met, all integration tests passing, coverage >80% for P0 modules
Jan 14, 20:26:41	INFO	US-004: All integration tests pass - P0 modules >80% coverage (checkpoint 75%, switcher 84%, risk 80%, doctor 99%)
Jan 14, 20:26:38	INFO	US-004: Added test/integration npm script to run all integration tests in sequence
Jan 14, 20:26:33	INFO	US-004: Created e2e-workflow.mjs with 12 test cases covering init->prd->plan->build->stream workflow and cross-module interactions
Jan 14, 20:26:18	INFO	US-004: Created integration-ui-api.mjs with 5 test cases for API data structures
Jan 14, 20:24:14	INFO	Created tests/e2e-workflow.mjs with 12 tests; all integration tests passing
Jan 14, 20:24:58	INFO	US-004: Started E2E Workflow and Cross-Module Tests implementation
Jan 14, 20:21:41	INFO	Updated package.json with test/ui-api, test/e2e, and test/all scripts
Jan 14, 20:21:22	INFO	Created tests/e2e-workflow.mjs with 12 tests including all cross-module integration tests
Jan 14, 20:20:18	INFO	Created tests/integration-ui-api.mjs with 5 data structure validation tests
Jan 14, 20:18:44	INFO	US-004: Starting E2E workflow and cross-module tests implementation
Jan 14, 20:17:52	INFO	Committed US-003 completion - all P1 tests (21 test cases) pass