

SESSION 2: WORKFLOWS AND ORCHESTRATION

Orchestrate All 5 Prompt Modes for Complete Migration
Workflow

90 minutes

From Individual Modes to Complete Workflows

- Session 1 Recap:
 - Constitution (Mode 1) - Reusable rules
 - Specification (Mode 2) - File-specific targets
- **Today's Goal:**
 - Add Planning (Mode 3) - Execution steps
 - Add ABCD (Mode 4) - Decision documentation
 - Add Implementation (Mode 5) - Synthesis and generation
 - **Execute complete 5-mode workflow**

The 3 Missing Modes Quick Overview

- Mode 3: Planning - Break work into ordered steps
 - *Phase 1: Imports (2 min), Phase 2: Annotations (5 min), Phase 3: Testing (5 min)*
- Mode 4: ABCD Clarification - Document decisions
 - *Exception handling: Option A (simple) vs B (ProblemDetail) vs C (RFC 7807)*

How Planning Mode Structures Execution

- Without Planning: AI makes random changes, unclear order
- With Planning:
 - Phase 1: Package Updates (2 min) - Must compile first
 - Phase 2: Annotations (5 min) - Build on updated imports
 - Phase 3: Testing (5 min) - Validate everything works

How ABCD Mode Documents Decisions

- When to Use ABCD:
 - Multiple valid approaches exist
 - Tradeoffs matter for your context
 - Team needs to understand why you chose X
- **Example: Exception Handling Approach**
 - A: Simple String messages
 - B: ProblemDetail with details (recommended)
 - C: Full RFC 7807 (over-engineered)
 - D: Keep current pattern

Complete 5-Mode Workflow - Today's Plan

- Step 1: Create Planning File (15 min)
 - Break UserController migration into phases
- Step 2: Create ABCD File (10 min)
 - Document exception handling decision
- Step 3: Create Implementation File (10 min)
 - Reference all 5 modes
- Step 4: Execute Workflow (15 min)