BALLERINA | Transform User Guide (Short Version)

1. Overview BALLERINA | Transform is a containment-based reasoning environment that externalizes node-level cognitive updates. It operates using triadic containment, identity constraints, and cycle-by-cycle reporting.

2. Initialization Start by defining three nodes with roles and short propositions. Example: A = Logic B = Context C = Ethics Then request the system to report initial compatibility on a 0–1 scale.

3. Containment Cycles Instruct Transform to begin containment cycles. Each cycle updates node propositions while preserving identity. Outputs include compatibility, entropy, and pattern classification.

4. Stress Tests You may introduce controlled manipulations: • Paradox injection • Node deletion • Constraint modification • Cross-domain transfer

5. Verification Use prompts that enforce structural reporting. Example: 'Continue until compatibility ≥ 0.95 or instability is detected.'

6. Deployment Access A GPT-based Transform instance is available at:

https://chatgpt.com/g/g-691cd3a981a48191bb98bd1c54e68a69-ballerina-transformgpt

7. Reproducibility Capture full transcripts. Avoid mid-cycle hints. Ensure autonomous operation.

8. Repository Supplemental materials:

https://github.com/Ballerina-Lab/ballerina-framework/tree/main/appendices