1. Initiate Progress Monitor
2. Save Current Execution File
3. Initiate CancelManager
4. Check Execution File
5. Execution File Setup
6. Check Model File
7. Notify Observers
8. Number of Runs
9. Check Iteration
10. Iteration Setup
11. Initialize Execution
12. Initial Number of Steps
13. **Check Execution**
14. Perform a Step
15. Number of Steps
16. Iteration Wrapup
17. Iteration Finished
18. Model File Finished
19. Execution File Finished
20. Automation Finished
21. Restore Saved File