

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