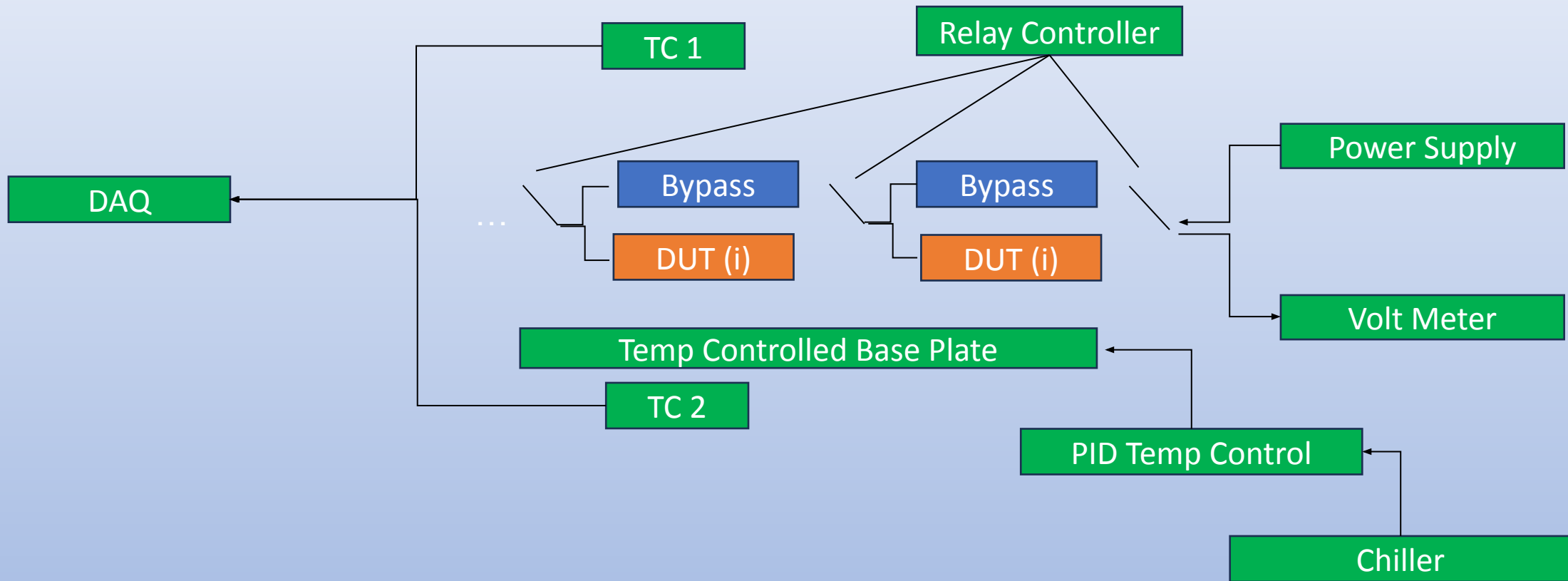
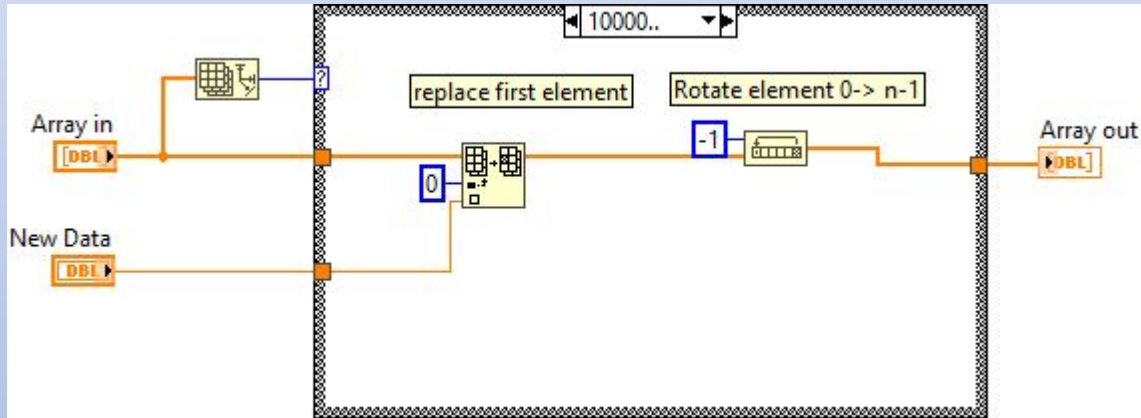


Example: Qualification Hardware Layout



24X7: Memory Management Tips (pt1)

- Try to avoid building/resizing array.
 - Tip for array update using inplaceness:



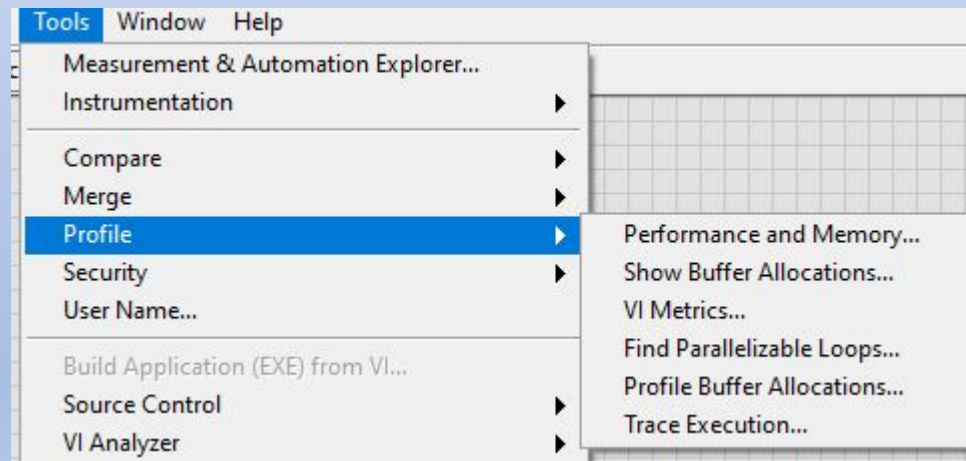
- Truncate status display strings

24X7: Memory Management Tips (pt2)

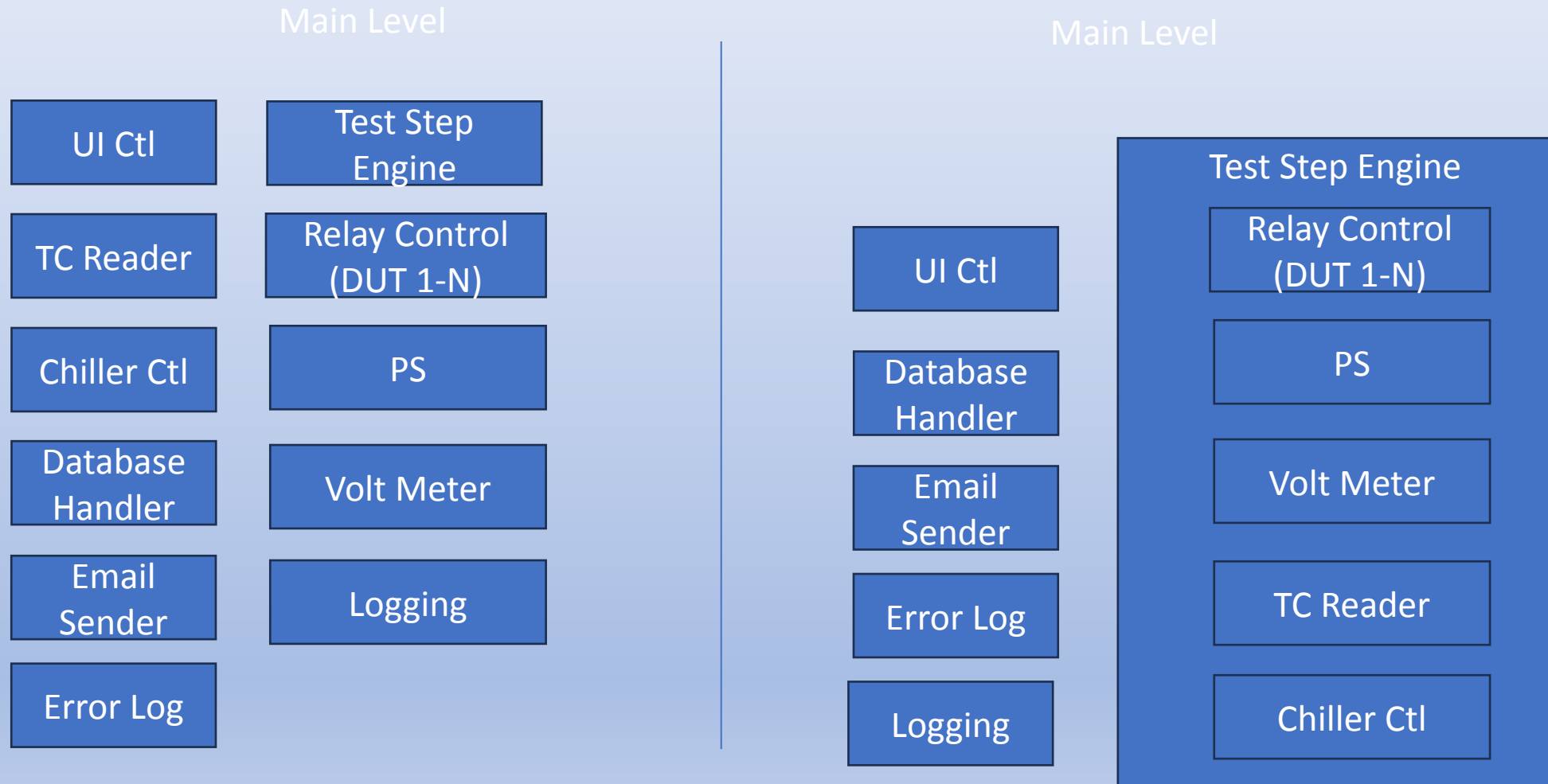
- Close References

<https://www.ni.com/en/support/documentation/supplemental/13/closing-references-in-labview.html>

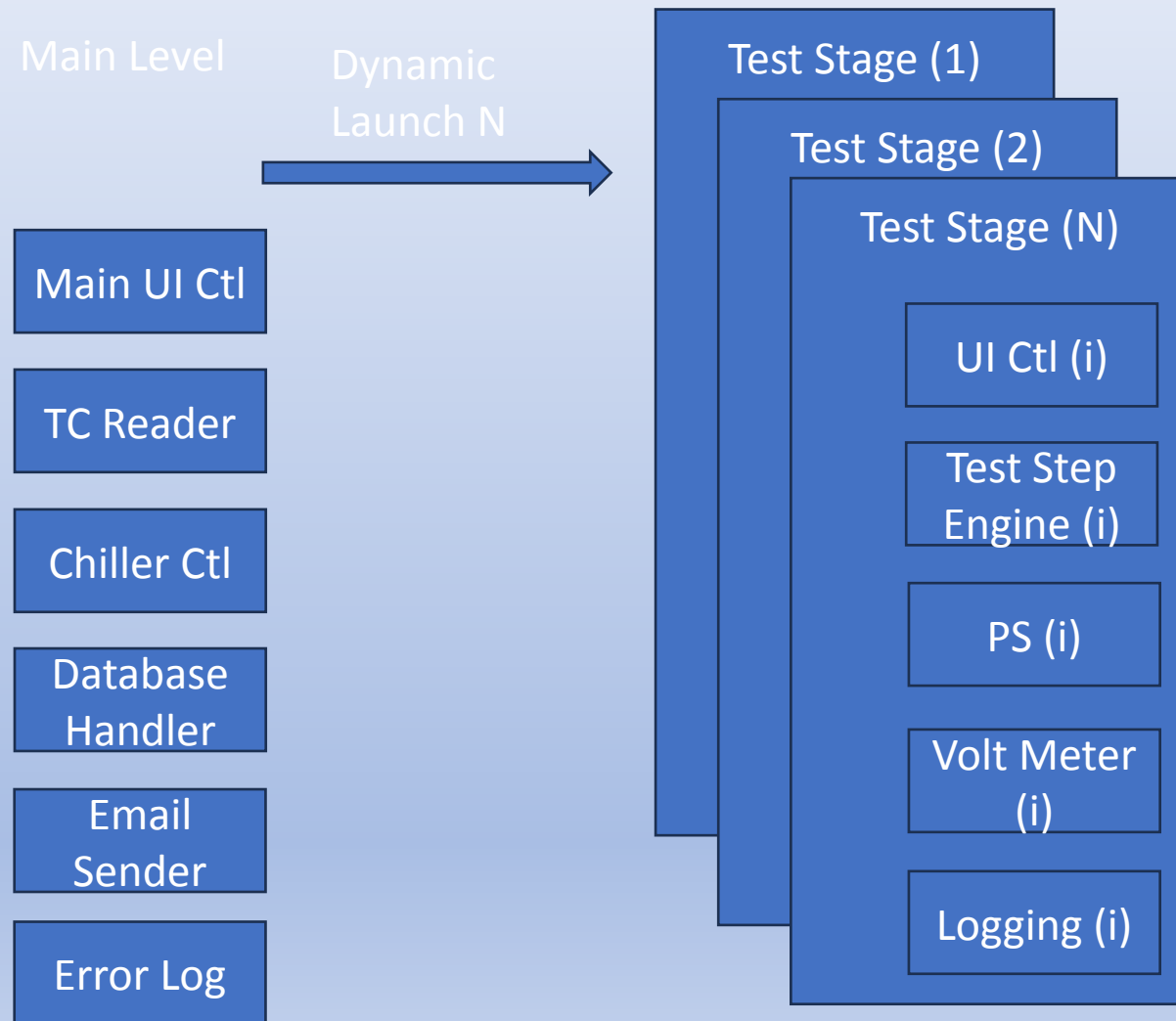
- Tools for tracking issues
 - Tools-> Profile



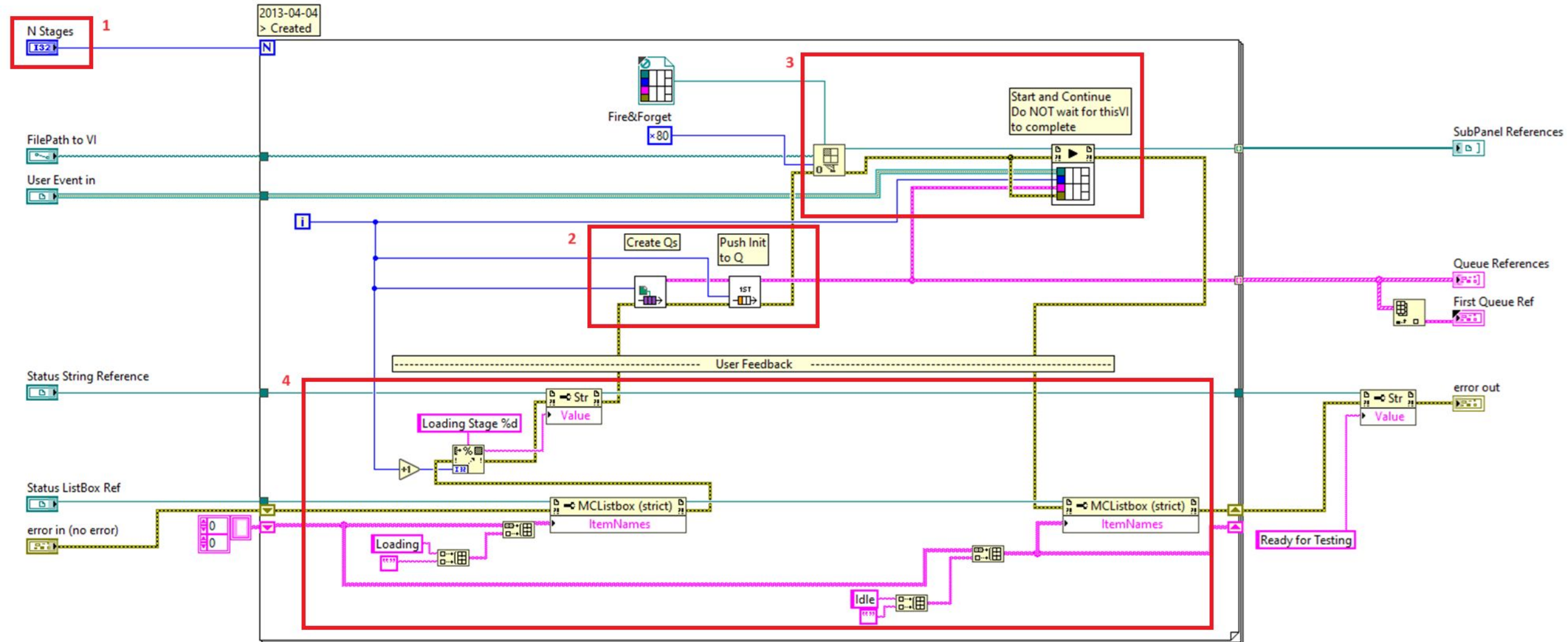
N: Qualification Batch



N: R&D Parallel DUT Tester



N: Re-entrancy – Example Launcher



Example UI

The screenshot displays a control interface for a stress test. On the left, a 'System Status' sidebar shows a table of test stages. The main area, 'Test Station Details', features a large status display, control buttons, and a detailed data table. On the right, there are readouts for Voltage/Current and Temperature.

System Status

Status	Elapsed Time
1 Stress (B) 6 of 10	00:03:22
2 Stress (B) 6 of 10	00:03:22
3 Stress (B) 6 of 10	00:03:22
4 PAUSED	00:00:50

Test Station Details

3 ■ c c

Start Individual Stop Individual Pause Individual Resume Individual

Stress: Cycle 6 of 10
00:00 Current B Time Remaining

Overall Status Degradation Data Trending Test Parameters

Status
Stress (B)

System Start Date	System N Degradation Cycles
01:44:03 AM 07/17/2024	2
System Elapsed Time	System N Stress Cycles
00:03:22	15
Stage Start Date	Stage N Degradation Cycles
01:44:03 AM 07/17/2024	2
Stage Elapsed Time	Stage N Stress Cycles
00:03:22	15

Voltage/Current Set

Last Update	
01:47:21 AM	
Voltage (V)	Current (A)
0	0

Voltage/Current Actual

Last Update	
01:47:26 AM	
Voltage (V)	Current (A)
0.401	0.834

Temperature Actual

Last Update	
01:47:25 AM	
Top Temp	Bottom Temp
20 °C	30 °C

Red = Out of Range

