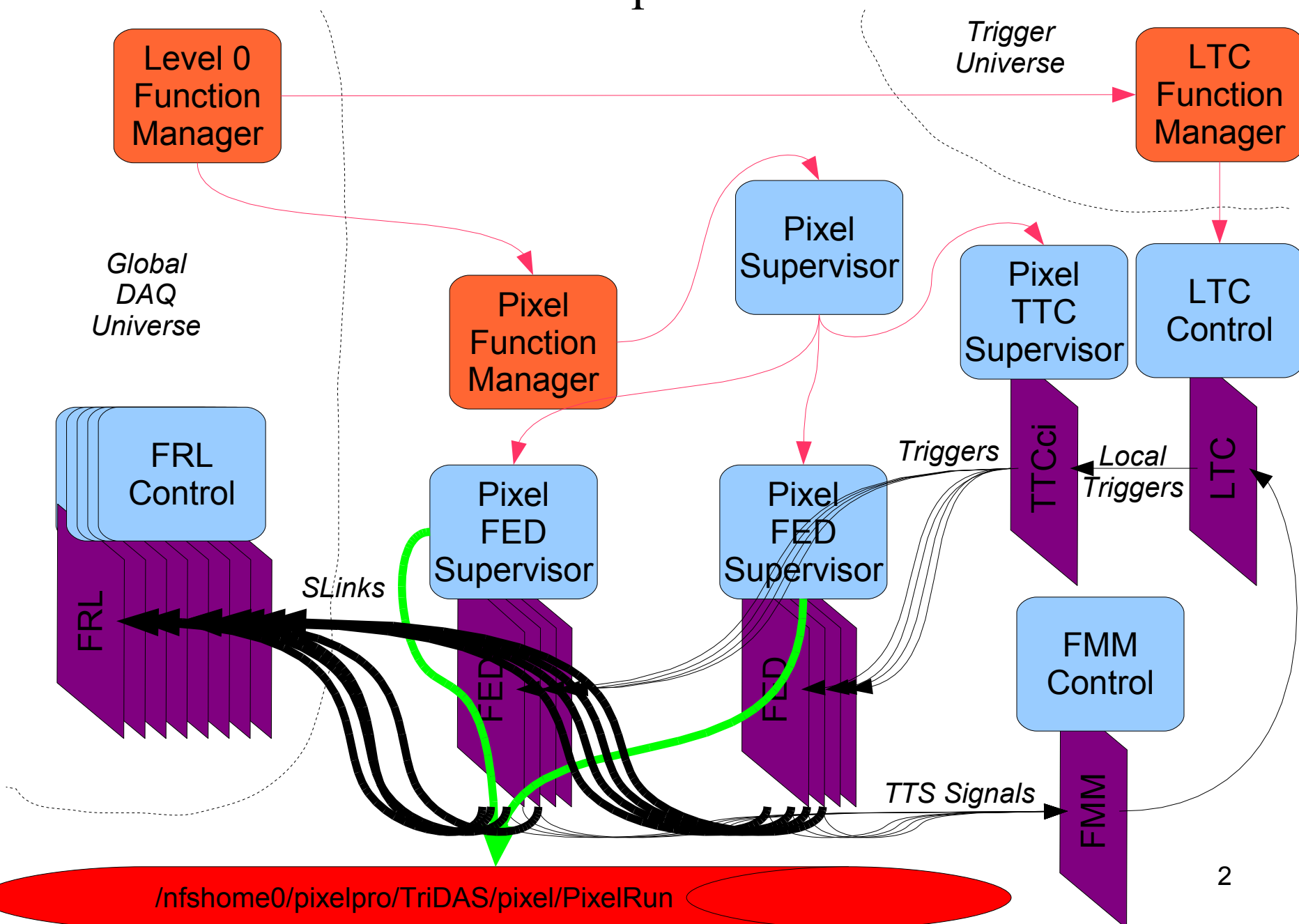


# Global Run Preparation

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# Pixel Setup at Point 5



/nfshome0/pixelpro/TriDAS/pixel/PixelRun

# Preparation for Global Run

- ✓ We solved the mishandling of back-pressure from the Front-end Readout Links (FRL). Now the FEDs respond to the back-pressure and relay it by its Trigger Throttling System (TTS) lines to the Local Trigger Controller (LTC).
- ✓ We noted inconsistencies in the priority scheme of the TTS signals between the DAQ scheme and the Pixel FED's scheme. Danek took this back to the drawing board with Manfred and Helmut. Currently we bypass this problem by masking out the FED's ability to send some TTS signals which are interpreted as very severe by the Fast Merging Modules (FMM).
- ✓ We ironed out the kinks in reading the FEDs' Spy FIFO 3 (which spy on data going out on the SLinks). Now the spying is very inefficient and results in us reading 1 in 600 events at a L1 trigger rate of 11.2 Khz. Danek took this back to the drawing board with Will Johns.
- ✓ We are as **READY** as we'll be for an SLink Test and Global Run with just the FEDs.
- ✓ Danek, Anders and I just got this reply from Christoph Schwick:  
“At the moment things go very bad in the Global run. In addition we are about to lose our central server (cmsrv0 crashed twice and it took 2 hours to convince it to boot again.) Therefore I honestly believe that there is not a large chance that the Pixels will be tried out during this global run. We should do a test after the Global run.

If you anyway think you would much more profit from a test in the global run, try with **Tiziano** who coordinates the run. If you manage to convince him, we can try (for us it is not more complicated than with any other sub-detector).”