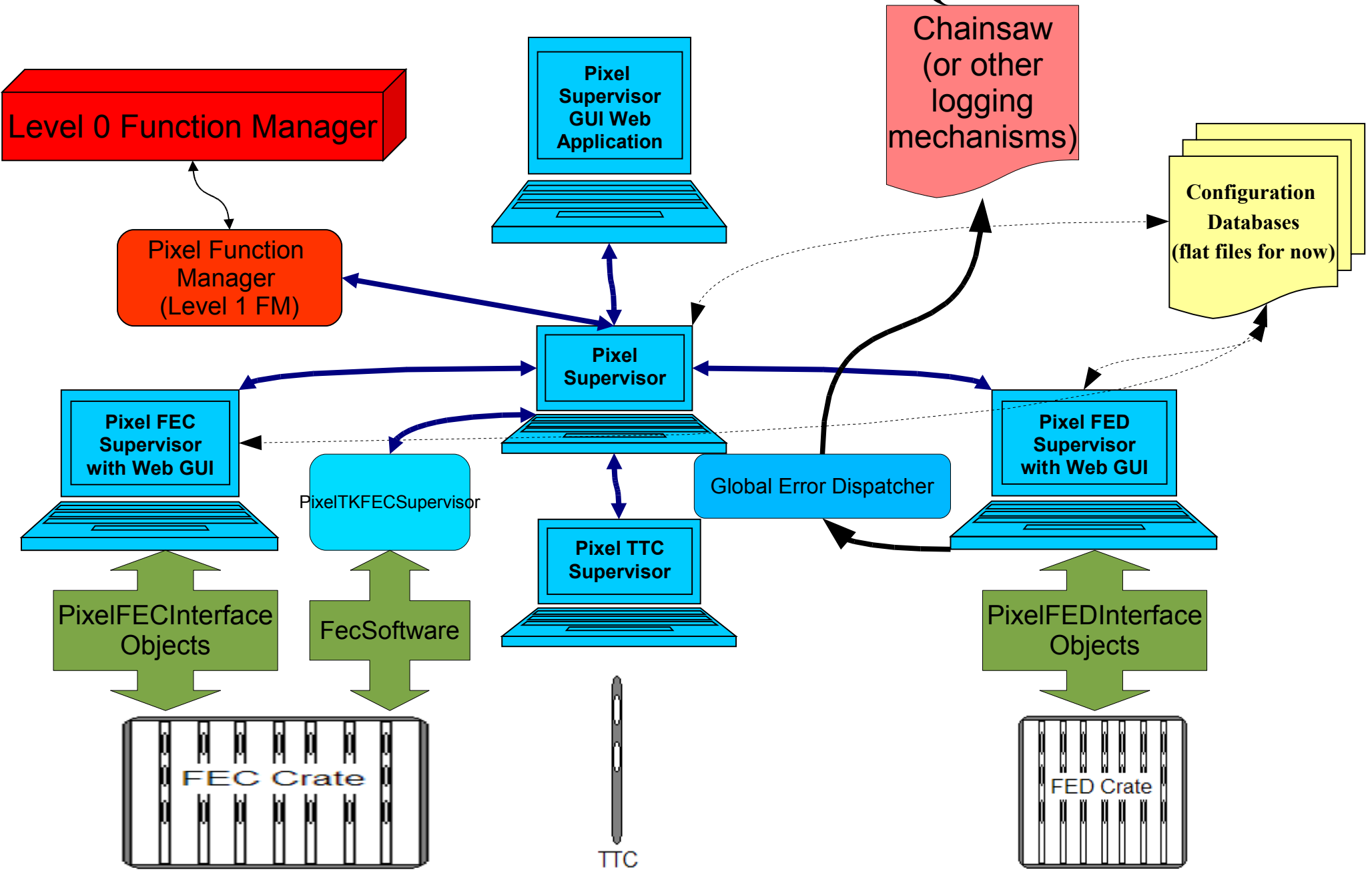


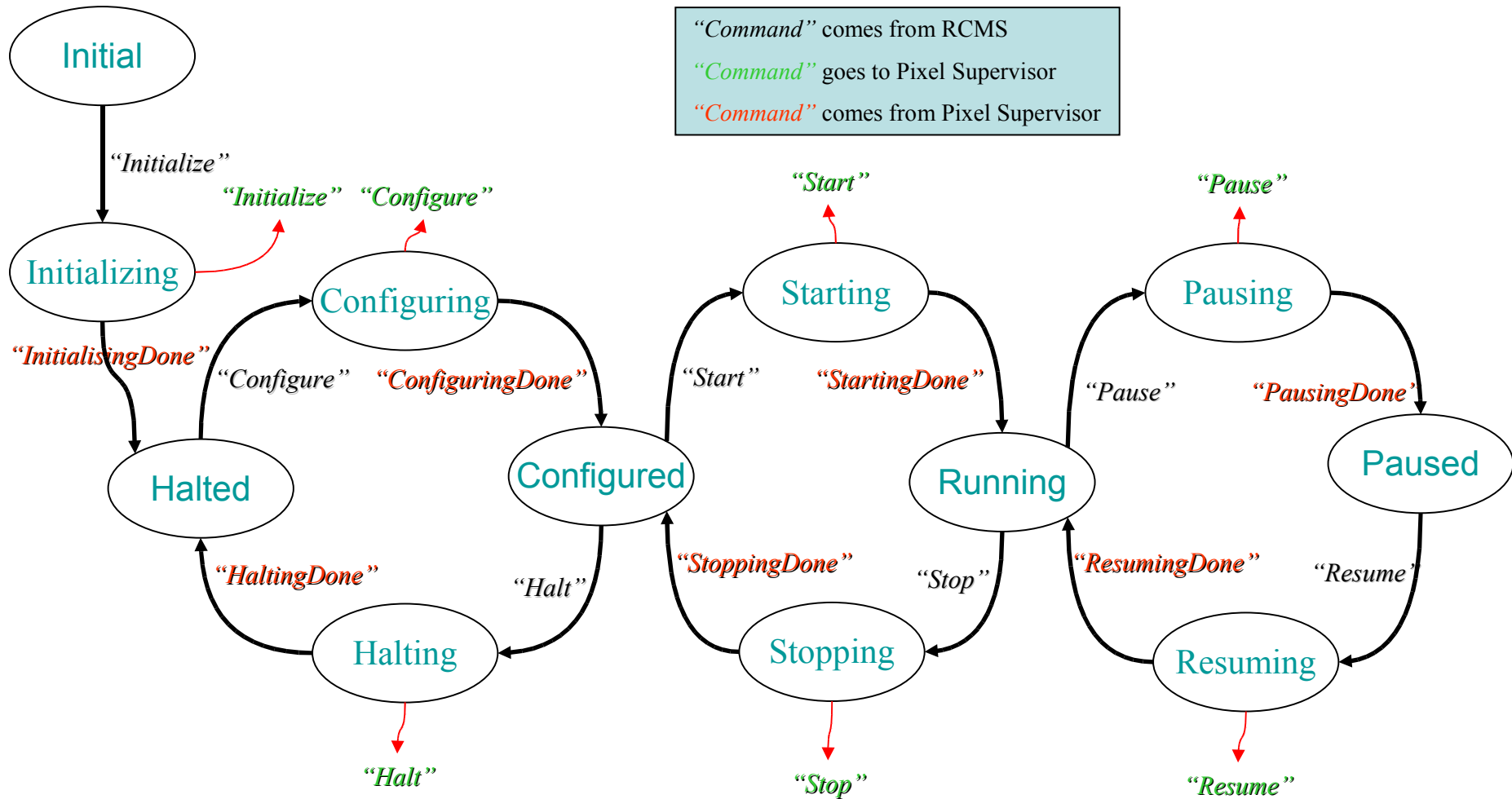
Pixel Function Manager Status

Souvik Das
(Cornell University)

Overview of Present Pixel RCMS & XDAQ Framework



New State Machine



Status of Pixel Function Manager

- Prototype has been written in RCMS 3_3_0:
 - Finite State Machine implemented
 - Can read RS3 database to locate XDAQ process running Job Control.
 - Can read RS3 database to locate XDAQ process running PixelSupervisor.
 - Can send SOAP messages to signal state transitions in PixelSupervisor, however cannot retrieve state of PixelSupervisor to update its own state. xdaq2rc library required to detect this state change. xdaq2rc library only available with 64 bit XDAQ (> DAQKit 03-10). This requires us to migrate code to 64 bit standards. We are working on the migration.
- Code not tested. Therefore not committed to CVS.
- PixelSupervisor can work without underlying hardware (FEC/FED...) Supervisors. Pixel Function Manager may be tested with such a setup and committed soon. (~ 1 month)