Program, Srpm, Xabs,Yabs,Zabs reflect what is in logfile

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| --- | --- | --- |
| State | MTConnect Logic | Logfile logic |
| Run | execution=EXECUTING  Mode=AUTO  Error= | bAutomode && bEE && !program.empty() && bMoving |
| Paused | execution =PAUSED  Mode=AUTO  Error= | bAutomode && bEE && !program.empty() && !bMoving |
| Idle | execution = IDLE  Mode= MANUAL  Error= | bAutomode && !bEE && !program.empty() && !bMoving |
| Setup | execution = PAUSED  Mode= MANUAL  Error=  Srpm=0 | bAutomode && program.empty() |
| Fault | execution = STOPPED  Mode= MANUAL  Error=FAULT | !bAutomode |