#The Problem
How it is
M190 S110.000005
M109 S220.000001
;M190 S110 ;Uncomment to add your own bed temperature line
;M109 S220 ;Uncomment to add your own temperature line
G21 ;metric values
G90 ;absolute positioning
M82 ;set extruder to absolute mode
M107 ;start with the fan off
G28 X0 Y0 ;move X/Y to min endstops
G28 Z0 ;move Z to min endstops
G1 Z15.0 F9000 ;move the platform down 15mm
G32 S1 ; bed auto-leveling (BAL) type 1
G92 E0 ;zero the extruded length
G1 F200 E3 ;extrude 3mm of feed stock
G92 E0 ;zero the extruded length again
G1 F9000
;Put printing message on LCD screen
M117 Printing...
;Layer count: 127
;LAYER:0
The Solution
Atelier Core - AtCore

- Library that abstracts the serial communication and control the printer
- Supports most of Open Source Firmwares
- Written in pure Qt
- Independent of Interface/UI - Also supports QML!
Atelier

Qt
#Demo
Continuous Integration
2 years of Atelier

● AtCore 1.0 Release Stats
  ○ More than 100 downloads
  ○ 50 of them for Windows
  ○ 44 for the AppImage
  ○ 6 Os X

● AtCore - 698 Commits
● Atelier - 455 Commits
Atelier BoF

Wednesday from 10:30 to 12:30 - Room 125

- Hacking
- Discuss Improvements
- Web Layer for AtCore
- QML Ui for Embedded Devices
Atelier Channels

IRC Freenode: #kde-atelier

Telegram Group: @KDEAtelier

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lays147