|  |
| --- |
| 3D Printer |
| -brand:STRING  -model:STRING  -style:STRING  -open\_source:BOOLEAN  -x\_build\_area:INTEGER  -y\_build\_area:INTEGER  -z\_build\_area:INTEGER  -x\_dimension:FLOAT  -y\_dimension:FLOAT  -z\_dimension:FLOAT  -max\_speed:INTEGER  -max\_acceleration:INTEGER  -nozzel\_flow:FLOAT  -nozel\_type:STRING  -nozel\_material:STRING  -nozel\_quickswap:BOOLEAN  -direct\_drive:BOOLEAN  -bowden\_fed:BOOLEAN  -multi\_toolhead:BOOLEAN  -num\_of\_toolhead:INTEGER  -multi\_material:BOOLEAN  -multi\_material\_method:STRING  -autoleveling:BOOLEAN  -max\_e\_temp:INTEGER  -max\_bed\_temp:INTEGER  -enclosure:BOOLEAN  -filtration:BOOLEAN  -bed\_type:STRING  -bed\_material:STRING  -heated\_bed:BOOLEAN  -flex\_plate:BOOLEAN  -camera:BOOLEAN  -part\_lighting:BOOLEAN  -lcd\_screen:BOOLEAN  -touch\_screen:BOOLEAN  -standard\_filament:BOOLEAN  -high\_temp\_filament:BOOLEAN  -specialty\_filament:BOOLEAN  -filament\_exception:LIST<STRING>  -input\_shaping:BOOLEAN  -chamber\_env\_control:BOOLEAN  -wifi:BOOLEAN  -touch\_input:BOOLEAN  -power\_fail\_recover:BOOLEAN  -multi\_machine\_ctrl:BOOLEAN  -filament\_runout:BOOLEAN  -auto\_shutdown:BOOLEAN  -firmware\_version:STRING  -supported\_file\_formats:LIST<STRING>  -connectivity\_options:LIST<STRING>  -power\_consumption:FLOAT  -noise\_level:FLOAT  -supported\_materials:LIST<STRING>  -safety\_certifications:LIST<STRING>  -warranty\_period:INTEGER |
| +move\_x()  +move\_y()  +move\_z()  +move\_e0()  +move\_e1()  +move\_e2()  +move\_e3()  +autolevel()  +set\_e0()  +set\_e1()  +set\_e2()  +set\_e3()  +set\_bed()  +set\_chamber()  +read\_th0()  +read\_th1()  +read\_th2()  +read\_th3()  +read\_th\_bed()  +read\_th\_chamber()  +set\_filter\_method()  +set\_lighting()  +set\_fan0()  +set\_fan1()  +set\_fan2()  +set\_fan3()  +set\_fan\_chamber()  +load\_model()  +load\_gcode()  +run\_gcode()  +check\_fw\_version\_installed()  +check\_fw\_version\_external()  +alert\_fw\_update()  +load\_fw()  +update\_fw()  +start\_wifi()  +connect\_external()  +pc\_auth()  +pc\_connect()  +monitor\_rx()  +send\_tx()  +load\_defaults()  +factory\_reset()  +init\_screen()  +monitor\_touch\_input()  +monitor\_btn\_input()  +monitor\_endstop\_x()  +monitor\_endstop\_y()  +monitor\_endstop\_z()  +init\_input\_shaping()  +pause\_print()  +stop\_print()  +resume\_print()  +recover\_print()  +emergency\_state\_image()  +monitor\_pwr\_in\_state()  +check\_e\_caps()  +charge\_e\_caps()  +maintain\_e\_caps()  +filament\_change\_manual()  +filament\_change\_auto()  +ams\_tx()  +ams\_rx()  +open\_profile()  +edit\_profile()  +save\_profile()  +load\_profile()  +new\_user()  +login()  +logout()  +forgot\_pass()  +take\_picture()  +take\_timelapse()  +take\_video()  +check\_if\_farm()  +set\_machine\_multi()  +set\_machine\_id()  +set\_machine\_priority()  +start\_auto\_shutdown\_timer()  +shutdown()  +is\_filament\_sensor()  +monitor\_filament\_sensor()  +filament\_out\_routine()  +filament\_swap()  +mount\_int\_storage()  +mount\_ext\_storage()  +wipe\_int\_storage()  +wipe\_ext\_storage()  +unmount\_int\_storage()  +unmount\_ext\_storage()  +copy\_int\_to\_ext()  +copy\_ext\_to\_int()  +init\_serial\_monitor()  +display\_serial\_monitor()  +calibrate\_extruder()  +perform\_maintenance\_check()  +monitor\_print\_progress()  +estimate\_print\_time()  +calc\_material\_usage()  +gen\_print\_report()  +enable\_sleep\_mode()  +resume\_from\_sleep()  +export\_print\_logs()  +config\_network()  +auth\_user()  +log\_activity()  +schedule\_job()  +cancel\_job()  +monitor\_chamber()  +adj\_feed\_rate\_manual()  +perform\_self\_test() |