

### **KMotionCNC / GCodeInterpreter**

Issue with Do Times Simulation synchronizing to actual Machine Position at the beginning of each simulation. The Do Times feature was added to fully trajectory plan all motion during simulations. This caused a problem with single stepping through code with Do Times enabled as each line would start at the actual Machine Position rather than the last simulated position. This has been fixed.

Fix issue with running Do Time simulation when no Controller connected.

Change CTRL-F Find behavior to update Find Text if new Text is selected. CTRL-F will also bring up Find Dialog if GCode Editor doesn't have focus.

Fix possible INVALID\_ZERO\_NEG\_CONSTRAINT when Jogging commands infinitesimal ( $< 1e-37$ ) Jog speed which could truncate to 0 when converted to a float. Most likely to occur with nonlinear Kinematics.

### **KMotion.exe**

Fix issue with occasional GUI lockup when communication disconnect with Digital IO Screen open.

### **Kogna**

Bug fixed regarding reading output state of Differential Output #19. #18 was being read instead.

Fix Kogna+SnapAmp issues

### **C Examples**

HomeMM\_V10.c new version of configurable homing

### **.NET Libraries**

Bug with SetAxisDefinitions fixed

Bug with KM.GetIO for Extended Virtual Bit numbers (1024 – 2047) fixed