# Changes KFLOP and KMotion Released Versions 4.33b -> 4.33c 06/24/2014

# **KFLOP**

Moved FRO defines to KMotionDef.h

Added CS0\_HoldAtEnd feature to not terminate at the end of the coordinated motion to allow reversals

Added LinHexEx1 for 8 axis Linear Commands that uses the last endpoint as the begin point to reduce redundant data transfer

### KMotionCNC/GCode Interpreter

Support embedded quotes in Tool Table Comments

Fix needing to push Apply with External SSO control

Support embedded quotes in Tool Table Comments

Added Tool Length Immediately Option that causes Tool Dropdown selection to be applied immediately.

Tool Length Entry Index now defaults to -1 when not in use

Fix issue with with constant refresh of tool image due to path case difference

Fix issues with refreshing changes after editing the ToolTable

### **KMotion**

Fix Virtual Extended Digital IO Screen - bottom right 4 checkboxes out of order

### Mach3 Plugin

Mach3 Fix - forgot to add FlushBuf at end of motion. Otherwise the data starvation protection feedholds forever

### KMotion\_dotNet

Expose SpindleRateOverride to .NET

Incorporate Interpreter RealTime Status for returning actual CurrentLine etc

Added to .NET KM\_Axis public void SetCommandedDest(double dest) public void EnableDest(double dest)

#### **Dynomotion VB.NET**

Include VB Example of how to obtain real-time Current GCode Line Number