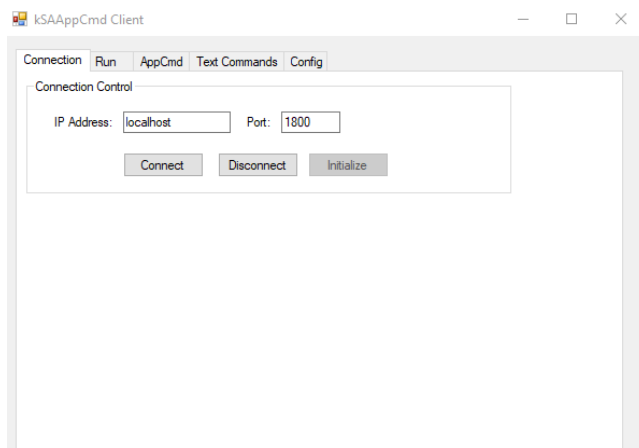




**kSAppCmd Client C#**  
**Release Notes**  
**December 2, 2022**

## Overview

This document briefly describes how to use the kSAppCmd Client (C#).

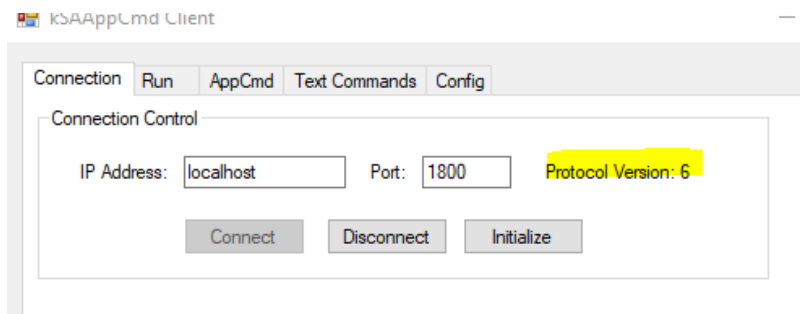


## Connection

This tab is used to connect/disconnect the connection with a kSA Application.

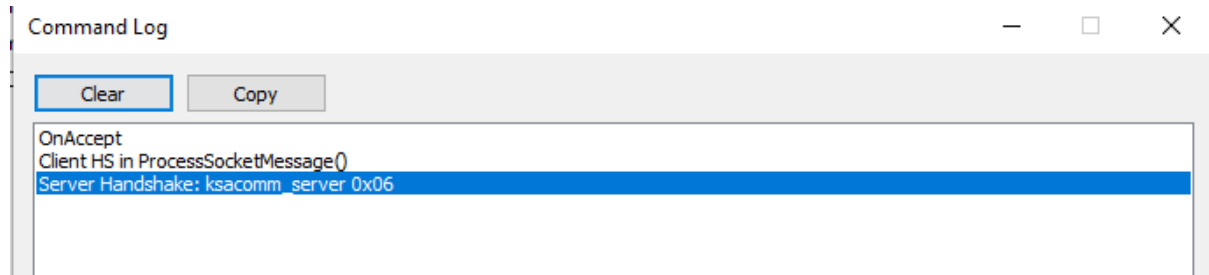
If not “Connected: and the others tabs are selected, the application snaps back to the “Connection” tab.

Once connected, the protocol version is displayed and the other tabs may be used.





In the kSA Application, select View->Command Log and a log window will be displayed.  
This will show the message traffic between the two programs.

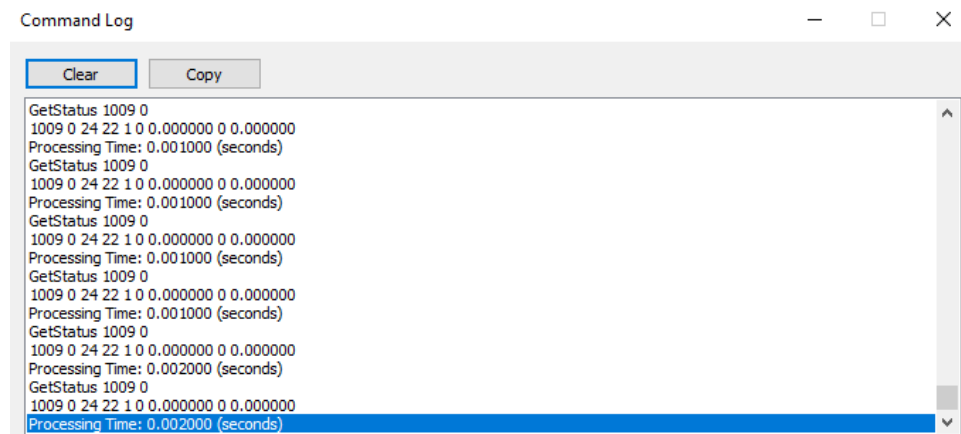


## Run

This tab will Start and Stop whichever acquisition is open and ready in the kSA application.

If no acquisition dialog is open or it cannot start for any reason, the kSAAppCmd Client will show an error.

While the "Run" tab is selected, continuous status traffic will occur and will be logged in the Command Log window.





## AppCmd

This tab allows the user to select a data field and retrieve the live value of the data field.

A screenshot of the 'kSAAppCmd Client' application window. The window has a title bar with standard minimize, maximize, and close buttons. Below the title bar is a tabbed interface with five tabs: 'Connection', 'Run', 'AppCmd' (which is currently selected), 'Text Commands', and 'Config'. The 'AppCmd' tab contains two main sections. The first section, titled 'Data Config', includes a 'Marker:' text box with the value '1', a 'Data Field:' dropdown menu showing 'General - Data Point', and a 'Set Config' button. The second section, titled 'Data Retrieval', includes a 'Value:' text box displaying '4256', an unchecked checkbox labeled 'Read Continuous', and a 'Get Val' button. The window is running on a Windows operating system, as evidenced by the taskbar at the bottom showing a taskbar icon and the text 'DT-DARRYL'.

### Data Config

In this section, select the data field of interest from the “Data Field” drop down and press the “Set Config” button.

### Data Retrieval

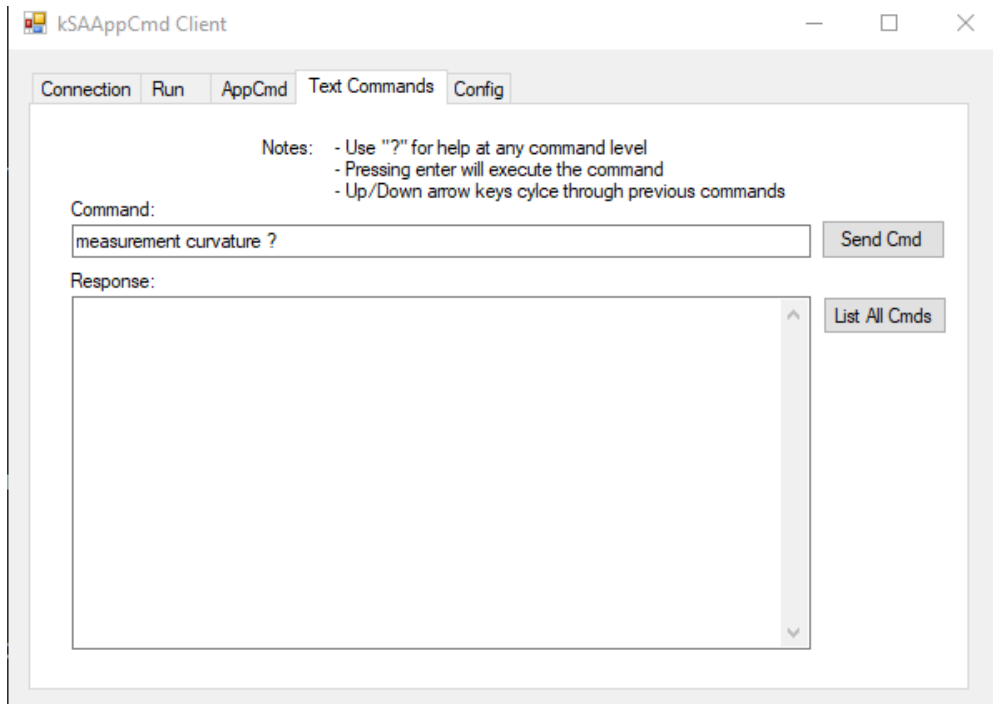
Press the “Get Val” button to retrieve the latest value of the data field. This will be displayed in the “Value” field.

If “Read Continuous” is checked, then the value is updated continuously, not just once when “Get Val” is pressed.



## Text Commands

This tab allows the user to enter text commands to be sent to the kSA Application.



### Command

Type the specific command here

### Send Cmd

Press "Send Cmd" to send the text command to the kSA Application.

### List All Cmds

Press "List All Cmds" to retrieve all available text commands in the current connected kSA Application.



## Config

This is used to set the timeout for communications

