HTBLineChart.dll

DLL LOAD "HTBLineChart"

DLL GET "SHORT HTBLineChart:Linechart"
DLL GET "SHORT HTBLineChart:Addline"
DLL GET "VOID HTBLineChart:Viewlinechart"
DLL GET "VOID HTBLineChart:Closelinechart"
DLL GET "VOID HTBLineChart:Signalabove"
DLL GET "VOID HTBLineChart:Signalbelow"

void Linechart(*Title,Label,Width,Height,Lower,Upper,Timer*)

Linechart is the main function for setting up and displaying the Linechart dialog box.

Title

      Basic Type: STRING
      C Type: char *

Parameter 1 is the title of the dialog box.

Label

      Basic Type: STRING
      C Type: char *

Parameter 2 is the label for the line chart.

Width

      Basic Type: LONG
      C Type: long

Parameter 3 is the desired width of the dialog window.

Height

      Basic Type: LONG
      C Type: long

Paramter 4 is the height of the dialog window.

Lower

      Basic Type: LONG
      C Type: int

This is the lower range of the graph.

Upper
>	Basic Type:	LONG
>	C Type:	long

This is the upper range of the graph.
Timer

>	Basic Type:	LONG
>	C Type:	long

This is the time in milliseconds between updates.

Addline (*LineNumber, red, blue, green, pData*)

Adds a line to the line chart.

Returned Short

Addline returns –1 if an error occurred and 0 if it is successful.

LineNumber
>	Basic Type:	INTEGER
>	C Type:	short

This is a numeric ID number for the line.

Red
>	Basic Type:	INTEGER
>	C Type:	short

This is a value between 0 and 255 used with the blue and green parameter to create the color of the line.

Blue
>	Basic Type:	INTEGER
>	C Type:	short

This is a value between 0 and 255 used with the red and green parameter to create the color of the line.

Green
>	Basic Type:	INTEGER
>	C Type:	short

This is a value between 0 and 255 used with the red and blue parameter to create the color of the line.

PData
        Basic Type: LONG (By reference)
        C Type: long *

This is the variable that holds the value to graph for this line.

void Viewlinechart()

This brings the dialog box to the foreground.

void Closelinechart()

This closed the line chart dialog box.

void Signalabove(*LineNumber, Value, signal*)

This sets an HTBasic signal number to occur when the given line rises above the given value.

LineNumber
        Basic Type: INTEGER
        C Type: short

The line number ID to monitor.

Value
        Basic Type: LONG
        C Type: long

The Value to use in the comparison.

signal
        Basic Type: INTEGER
        C Type: short

The HTBasic Signal number to use.

void Signalbelow(*LineNumber, Value, signal*)

This sets an HTBasic signal number to occur when the given line falls below the given value.

LineNumber
        Basic Type: INTEGER
        C Type: short

The line number ID to monitor.

Value
        Basic Type: LONG
        C Type: long

The Value to use in the comparison.

signal
        Basic Type: INTEGER
        C Type: short

The HTBasic Signal number to use.