SDK - HTDisplayDll.dll Manual

VC++6.0 IDE

Note:

HTHardDll.dll was compiled under VC++6.0.

WORD: unsigned short

BOOL: bool

ULONG: unsigned long

The following ifdef block is the standard way of creating macros which make exporting from a DLL simpler. All files within this DLL are compiled with the DLL_API symbol defined on the command line. this symbol should not be defined on any project that uses this DLL. This way any other project whose source files include this file see DLL_API functions as being imported from a DLL, wheras this DLL sees symbols defined with this macro as being exported.

```
#ifndef    DLL_API
#define    DLL_API    extern "C" __declspec(dllimport)
#endif
```

Define __stdcall:

```
#define WIN_API __stdcallHTDispalyDll SDK
```

1. Function : HTDrawGrid for draw gird

```
DLL_API void WINAPI HTDrawGrid(HDC hDC, //handle
                               int nLeft,// the left of the rect
                               int nTop, // the top of the rect
                               int nRight, // the right of the rect
                               int nBottom, // the bottom of the rect
                               USHORT nHoriGridNum, // the number of horizontal grid
                               USHORT nVertGridNum,// the number of vertical grid
                               USHORT nBright,// the bright of the line
                               USHORT IsGrid // whether draw grid scale
                               );
```

2. Function : HTDrawWaveInYT，for VC++

```
DLL_API void WINAPI HTDrawWaveInYT(
                               HDC hDC, // handle
                               RECT Rect, // the rect for drawing
```

COLORREF clrRGB,// the color of the line
USHORT nDisType,// display type : Line or Dot
short* pSrcData, // the source data for drawing
ULONG nSrcDataLen, //the source data length
ULONG nDisDataLen,// the display length data for drawing
ULONG nCenterData,// half of the source data
USHORT nDisLeverPos, //the display position (Zero Level)
double dbHorizontal,// the horizontal factor of zoom out/in
double dbVertical,// the vertical factor of zoom out/in
USHORT nYTFormat,//format: normal or scan
ULONG nScanLen// the scan data length, only invalidate in scan mode
);

3. Function : HTDrawWaveInYTVB，for VB , the same with VC HTDrawWaveInYT
DLL_API void WINAPI HTDrawWaveInYTVB(
HDC hDC,
int left,
int top,
int right,
int bottom,
USHORT R,
USHORT G,
USHORT B,
USHORT nDisType,
short* pSrcData,
ULONG nSrcDataLen,
ULONG nDisDataLen,
ULONG nCenterData,
USHORT nDisLeverPos,
double dbHorizontal,
double dbVertical,
USHORT nYTFormat,
ULONG nScanLen
);