

远程控制协议

协议头描述.

```
enum RemoteTransferType {  
    eTransfer_NULL = 0,  
    eTransfer_Mouse_LBtndDown = 0x01,  
    eTransfer_Mouse_LBtndUp,  
    eTransfer_Mouse_LBtndClick,  
    eTransfer_Mouse_Move,  
    eTransfer_Mouse_RBtndDown,  
    eTransfer_Mouse_RBtndUp,  
    eTransfer_Mouse_RBtndClick,  
    eTransfer_Mouse_Wheel,  
    eTransfer_KeyBoard_CharNum,  
    eTransfer_KeyBoard_Copy,  
    eTransfer_KeyBoard_Paste,  
    eTransfer_StartAssistant,  
    eTransfer_StopAssistant,  
  
    eTransfer_UNKNOWN = 0xffff,  
  
};
```

1. 通知开始远程协助 eTransfer_StartAssistant

```
{  
    "nCmdType":1024, //指令类型  
    "nTimtStamp":"223232223", //UTX 时间戳表示 h/m/s/ms,精确到 ms  
    "EventParam":{} //扩展 reserved  
}
```

2. 通知停止远程协助 eTransfer_StopAssistant

```
{  
    "nCmdType":2048,  
    "nTimtStamp":"223232223",  
    "EventParam":{}  
}
```

3. 鼠标左键按下
4. 鼠标左键弹起
5. 鼠标左键双击

6. 鼠标移动

7. 右键按下

8. 右键弹起

9. 右键双击

```
{
    "nCmdType":1,
    "sTintStamp":"16:41:07:222",
    "EventParam":{"point":{"xPos":10,"yPos":10}}
}
```

10. 键盘输入

```
{
    "nCmdType":128,
    "nTintStamp":"223232223",
    "EventParam":{"input":10,"wParam":23233}
}
```

Input 表示字符 见 ASCII 表表示的字符数字； wParam 是一个双字，低位表示是否有 Ctrl/Shift 组合,高位表示具体的 virtual_code 比如 VK_CONTROL,VK_SHIFT.

11. 鼠标滚动

```
12. {
13. "nCmdType":1,
14. "sTintStamp":"16:41:07:222",
15. "EventParam":{"point":{"xPos":10,"yPos":10},"wParam":234324}
16. }
```

wParam 表示双字，低位保留，高位表示 Forward,Backword （此处正负 120 是一个 window 的宏。）