

String editing on-screen for VT compatible Terminals

StrEdit\$() allows the user to edit (or enter - start with "") a string at a given position in a terminal window and constrained to a specified length. It is a more intelligent version of Input in that it performs the same function but is non-blocking (with

Input

, your program loses control while it waits for the user), limits the amount of data, provides nice editing and nice displays reminiscent of the 80s & 90s terminal based input.

Your terminal emulator must be VT compliant to understand the ANSI codes (I use PuTTY)

Dependancies

- Option Base 0
- [LTrim and RTrim Functions \(VB work-a-like\)](#) or the equivalent [LTrim RTrim CFunctions](#) (note this latter does not treat TABs as white-space and so are not trimmed).
- [VT Console Pack. Screen Positioning, Sane Key Scanning And a String Editing Routine](#)

Example Usage

```
MyDT$=StrEdit$(MyDT$,10,10,8)
```

```
'Edit the string at the position given limited to q characters long
Function StrEdit$(l$,h As Integer,v As Integer,q As Integer)
    Local x$,a$
    a$=RTrim$(Left$(l$,q))
    SStr a$,h,v

    Do
        Do:x$=VTKey$():Loop Until x$<>""
        If Len(x$)=1 Then
            Select Case Asc(x$)
                Case 32 To 126
                    If Len(a$)<q Then a$=a$+x$:SStr a$,h,v
                Case 127,8
                    If Len(a$) Then
                        a$=Left$(a$,Len(a$)-1):SStr a$,h,v
                    EndIf
                Case 13
                    StrEdit$=a$:Exit Function
                Case Else
                    'ignore
            End Select
        Else
            If x$="_DL" Then
                If Len(a$) Then
```

```
                a$=Left$(a$,Len(a$)-1):SStr a$,h,v
            EndIf
        EndIf
    EndIf
Loop
End Function

Sub SStr(a$,h As Integer, v As Integer)' support Sub for StrEdit$()
    Print At(h,v);a$;" ";:Print At(h,v);a$;
End Sub
```

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