



Tech Info Library

Pascal: Intrinsic unit for Silentype procedures (2 of 3)

Implementation

```
Procedure ROMEnable;
  CONST ROMSOff= -12289;
         ROMOn= -16128;
  Type Window= packed array [0..0] OF 0..255;
  Var ADDR: integer;
      P: ^Window;
  Begin
    ADDR:=ROMSOff;
    MoveLeft(ADDR,P,2);
    P^[0]:=0;
    ADDR:=ROMOn;
    MoveLeft(ADDR,P,2);
    P^[0]:=0
  End;

Procedure SetByteValue;
  Type Window= packed array [0..0] OF 0..255;
  Var ADDR: integer;
      P: ^Window;
  Begin
    ROMEnable;
    ADDR:=LOC;
    MoveLeft(ADDR,P,2);
    P^[0]:=Value
  End;

Function ByteValue;
  Type Window= packed array [0..0] OF 0..255;
  Var ADDR: integer;
      P: ^Window;
  Begin
    ROMEnable;
    ADDR:=LOC;
    MoveLeft(ADDR,P,2);
    ByteValue:=P^[0]
  End;

Procedure Send;
  CONST PrintUnit= 6;
  Begin
```

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    UnitWrite(PrintUnit,CH,1,0,12)
End;

Procedure SetUnitDirect;
    CONST MaxByte= 255;
           Direction= -12529;
    Begin
        SetByteValue(Direction,MaxByte)
    End;

Procedure SetBiDirect;
    CONST MinByte= 0;
           Direction= -12529;
    Begin
        SetByteValue(Direction,MinByte)
    End;

Function UniDirect;
    CONST MaxByte= 255;
           MinByte= 0;
           Direction= -12529;
    Begin
        Case ByteValue(Direction) Of
            MinByte: UniDirect:=False;
            MaxByte: UniDirect:=True
        End
    End;

Procedure SetNegative;
    CONST MinByte= 0;
           Flip= -12524;
    Begin
        SetByteValue(Flip,Minbyte)
    End;

Procedure SetPositive;
    CONST MaxByte= 255;
           Flip= -12524;
    Begin
        SetByteValue(Flip,MaxByte)
    End;

Function Negative;
    CONST MaxByte= 255;
           MinByte= 0;
           Flip= -12524;
    Begin
        Case ByteValue(Flip) Of
            MinByte: Negative:=True;
            MaxByte: Negative:=False
        End
    End;
End;

```

```

Procedure SetPage;
  CONST GraphPage = -12525;
  Begin
    If Page=2 Then Page:=64
      Else Page:=32;
    SetByteValue(GraphPage, Page)
  End;

Procedure SetDark;
  CONST INTEN= -12528;
  Begin
    If Darkness<0 Then Darkness:=0;
    If Darknes>7 Then Darkness:=7;
    SetByteValue(INTEN, Darkness)
  End;

Function Dark;
  CONST INTEN= -12528;
  Begin
    Dark:=ByteValue(INTEN)
  End;

Procedrue SetForm;
  CONST FormLength= -12531;
  Begin
    If Length<0 Then Length:=0;
    If Length>255 Then Length:=255;
    SetByteValue(Formlength, length)
  End;

```

Apple Tech Notes

Keywords: <None>

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