Presentation Title: So Your Data Is Converted … Now What?
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Software: ArcView 3.1

Problem
How do I create new line types in ArcView, that are a combination of dashed lines and symbol fonts?

Code Sample

```
'* Gets the Symbol Window and Line Palette
theSymbolWin = av.GetSymbolWin
theSymbolWin.Open
theSymbolWin.SetPanel(#SYMBOLWIN_PANEL_PEN)
thePalette = av.GetSymbolWin.GetPalette

'** Returns the thePaletteList variable back to the call program
av.GetSymbolwin.RefreshPalette(#PALETTE_LIST_PEN)
thePaletteList = thePalette.GetList(#PALETTE_LIST_PEN)
theSymbolWin.Close
Return thePaletteList

'* Loads the base <customer>sym_ia.lin
mylines = ("$BTIIAPATH\" + _btiCustomer_Code + "_iasym.lin").AsFileName
thePalette.Clear(#PALETTE_LIST_PEN)
thePalette.LoadFromFile(#PALETTE_LIST_PEN, mylines)

'* Creates the list of colors
cPurple = Color.Make
cPurple.SetRgblist({128,0,255})

lColor = List.Make
lColor.Add(Color.GetBlack)
lColor.Add(Color.GetGreen)
lColor.Add(Color.GetBlue)
lColor.Add(Color.GetMagenta)
cOrange = Color.Make
cOrange.SetRgblist({255,128,0})
lColor.Add(cOrange)
lColor.Add(Color.GetCyan)

'* Creates the circle symbols based on the <customer>wnm font
for each n in {33,34,35}
  for each c in lColor
    '* Make symbol
    mrk1 = BasicMarker.Make
    mrk1.SetStyle(#BASICMARKER_STYLE_PATTERN)
    mrk1.SetFont(Font.Make("elgwnm","Normal"))
    mrk1.SetCharacter(n)
    vpm1 = VectorPenMarker.Make(mrk1)
    vpm1.SetTemplate("11")
    vpm1.SetInterval(1.05)
    vpm1.SetMarkLayer(2.97,-0.35)
    vpm1.SetSize(5.5)
    vpm1.SetColor(c)
```

```
    '* Creates the dashed line
    mrk2 = BasicMarker.Make
    mrk2.SetStyle(#BASICMARKER_STYLE_PATTERN)
    mrk2.SetFont(Font.Make("ESRI Geology","Normal"))
    mrk2.SetCharacter(249)
    vpm2 = VectorPenMarker.Make(mrk2)
    vpm2.SetTemplate("99")
    vpm2.SetSize(24)
    vpm2.SetColor(c)

    '* Make Composite Symbol
    aSymList = SymbolList.FromList({vpm1,vpm2})
    aCAIP = CompositeArcInfoPen.Make(aSymList)

    '* Add Symbol to Pen Palette
    av.GetSymbolWin.Open
    av.GetSymbolWin.SetPanel(#SYMBOLWIN_PANEL_PEN)
    p = av.GetSymbolWin.GetPalette
    pl = p.GetList(#PALETTE_LIST_PEN)
    pl.Add(aCAIP)
  end
end

'* Returns the thePaletteList variable back to the call program
av.GetSymbolwin.RefreshPalette(#PALETTE_LIST_PEN)
thePaletteList = thePalette.GetList(#PALETTE_LIST_PEN)
theSymbolWin.Close
Return thePaletteList
```