

```
/******
```

```
Program:          custlist.p
```

```
DeCode 39ion:      Illustrates how to interact Progress reporting requirements  
                   with PDFinclude
```

```
History:          G Campbell - Updated Aug 26, 2003
```

```
                  Now uses PageFooter and PageHeader functionality.
```

```
                  G Campbell - Updated November 25, 2003
```

```
                  Now illustrates how Bookmarks work
```

```
*****/
```

```
{ pdf_inc.i "THIS-PROCEDURE" }
```

```
DEFINE VARIABLE Vold_Y          AS INTEGER NO-UNDO.
```

```
DEFINE VARIABLE vStateBook      AS INTEGER NO-UNDO.
```

```
DEFINE VARIABLE vCustBook       AS INTEGER NO-UNDO.
```

```
DEFINE VARIABLE vNullBook       AS INTEGER NO-UNDO.
```

```
ETIME(YES).
```

```
/* Create stream for new PDF file */
```

```
RUN pdf_new          ("Spdf","custlist-comp.pdf").
```

```
RUN pdf_set_parameter("Spdf","Encrypt","TRUE").
```

```
RUN pdf_set_parameter("Spdf","AllowPrint","FALSE").
```

```
RUN pdf_set_parameter("Spdf","AllowCopy","FALSE").
```

```
RUN pdf_set_parameter("Spdf","AllowModify","FALSE").
```

```
RUN pdf_set_parameter("Spdf","MasterPassword","Custom").
```

```
RUN pdf_set_parameter("Spdf","UserPassword","Custom").
```

```
RUN pdf_set_parameter("Spdf","Compress","TRUE").
```

```
pdf_PageFooter ("Spdf",  
                THIS-PROCEDURE:HANDLE,  
                "PageFooter").
```

```
pdf_PageHeader ("Spdf",  
                THIS-PROCEDURE:HANDLE,  
                "PageHeader").
```

```
/* Load Bar Code Font */
```

```
RUN pdf_load_font   ("Spdf","Code 39","\gord\pdfinclude2\samples\support\code39.ttf","\gord\pdfinclude2\samples\support\code39.ttf").
```

```
/* Load PRO-SYS Logo File */
```

```
RUN pdf_load_image ("Spdf","ProSysLogo","\gord\pdfinclude2\samples\support\prosyslogo.jpg").
```

```
/* Set Document Information */
```

```
RUN pdf_set_info("Spdf","Author","Gordon Campbell").
```

```
RUN pdf_set_info("Spdf","Subject","Accounts Receivable").
```

```
RUN pdf_set_info("Spdf","Title","Customer List").
```

```
RUN pdf_set_info("Spdf","Keywords","Customer List Accounts Receivable").
```

```
RUN pdf_set_info("Spdf","Creator","PDFinclude V2").
```

```
RUN pdf_set_info("Spdf","Producer","custlist.p").
```

```
/* Set the Bottom Margin to 80 - to allow for Page Footer */
```

```
RUN pdf_set_BottomMargin("Spdf",80).
```

```
/* Instantiate a New Page */
```

```
RUN pdf_new_page("Spdf").
```

```
/* Loop through appropriate record set */
```

```
FOR EACH customer WHERE NAME BEGINS "A"
```

```
    /* AND ( State = "AZ" OR State = "AK" or state = "") */
```

```
    NO-LOCK
```

```

BREAK BY State
  BY CustNum:

/* Create a Bookmark to each State */
IF FIRST-OF(Customer.State) THEN DO:
  FIND FIRST State WHERE State.State = Customer.State NO-LOCK NO-ERROR.
  IF NOT AVAIL State THEN
    RUN pdf_bookmark("Spdf","Unknown - '" + Customer.State + "'" ), 0, FALSE, OUTPUT vStateBook).
  ELSE DO:
    RUN pdf_bookmark("Spdf",State.StateName, 0, FALSE, OUTPUT vStateBook).
  END.
END. /* First-of State */

/* Output the appropriate Record information */
RUN pdf_set_font ("Spdf","Courier-Oblique",10.0).
RUN pdf_text_at ("Spdf", customer.state,1).
RUN pdf_set_font ("Spdf","Courier",10.0).
RUN pdf_text_at ("Spdf", STRING(customer.CustNum,">>>9"),6).
RUN pdf_text_at ("Spdf", customer.NAME,12).
RUN pdf_text_at ("Spdf", customer.phone,44).
RUN pdf_text_to ("Spdf", STRING(customer.balance),80).

/* Create a Bookmark to Each Customer Name within a State
*/
RUN pdf_bookmark("Spdf", Customer.Name, vStateBook, FALSE, OUTPUT vCustBook).

/* Place a weblink around the Customer Name
RUN pdf_link ("Spdf",
              75,
              pdf_TextY("Spdf")/* pdf_PageHeight("Spdf") - (pdf_TopMargin("Spdf")) - ((Vlines + 2)
              260,
              pdf_TextY("Spdf") /* pdf_PageHeight("Spdf") - (pdf_TopMargin("Spdf")) - ((Vlines + 2)
              "http://www.epro-sys.com/Code 39s/cgiip.exe/WService=sports2000/custorderspdf.p?CustI
              0,
              0,
              0,
              1,
              "I").
*/

/* Display a BarCode for each Customer Number */
RUN pdf_set_font ("Spdf","Code 39",10.0).

Vold_Y = pdf_TextY("Spdf"). /* Store Original Text Path */
RUN pdf_text_xy ("Spdf", STRING(customer.CustNum,"999999"),500, pdf_textY("Spdf")).
RUN pdf_set_TextY("Spdf",Vold_Y). /* Reset Original Text Path */
RUN pdf_set_font ("Spdf","Courier",10.0).

/* Skip to Next Text Line */
RUN pdf_skip ("Spdf").

/* Now Display all Orders for the Customer */
FOR EACH Order WHERE Order.CustNum = Customer.CustNum NO-LOCK:
  RUN pdf_text_at ("Spdf", Order.OrderNum,10).
  RUN pdf_text_at ("Spdf", STRING(Order.OrderDate),30).

  /* Create a Bookmark to Each Order For a Customer
  */
  RUN pdf_bookmark("Spdf", Order.OrderNum, vCustBook, FALSE, OUTPUT vNullBook).

  RUN pdf_skip ("Spdf").
END.

IF LAST-OF(Customer.State) THEN DO:
  /* Put a red line between each of the states */
  RUN pdf_skip ("Spdf").
  RUN pdf_stroke_color ("Spdf",1.0,.0,.0).
  RUN pdf_set_dash ("Spdf",2,2).
  RUN pdf_line ("Spdf", pdf_LeftMargin("Spdf") , pdf_TextY("Spdf") + 5, pdf_PageWidth("Spdf") - 2
  RUN pdf_stroke_color ("Spdf",.0,.0,.0).
  RUN pdf_skip ("Spdf").

```

```

END. /* Last-of State */

END. /* each Customer */

RUN end_of_report.

RUN pdf_close("Spdf").

/* ----- INTERNAL PROCEDURES ----- */

PROCEDURE end_of_report:
/* Display Footer UnderLine and End of Report Tag (Centered) */
RUN pdf_skip ("Spdf").
RUN pdf_stroke_fill ("Spdf",1,0,1,0,1,0).
RUN pdf_text_boxed_xy ("Spdf", "End of Report", 250, pdf_TextY("Spdf") - 20, pdf_Text_Width("Spdf")
END. /* end_of_report */

PROCEDURE PageFooter:
/*-----
Purpose: Procedure to Print Page Footer -- on all pages.
-----*/

RUN pdf_skip ("Spdf").
RUN pdf_set_dash ("Spdf",1,0).
RUN pdf_line ("Spdf", 0, pdf_TextY("Spdf") - 5, pdf_PageWidth("Spdf") - 20 , pdf_TextY("Spdf") - 5).
RUN pdf_skip ("Spdf").
RUN pdf_skip ("Spdf").
RUN pdf_text_to ("Spdf", "Page: "
+ STRING(pdf_page("Spdf"))
+ " of " + pdf_TotalPages("Spdf"), 97).

END. /* PageFooter */

PROCEDURE PageHeader:
/*-----
Purpose: Procedure to Print Page Header -- on all pages.
-----*/

/* Display a Sample Watermark on every page */
RUN pdf_watermark ("Spdf","Customer List","Courier-Bold",34,.87,.87,.87,175,500).

/* Place Logo but only on first page of Report */
IF pdf_Page("Spdf") = 1 THEN DO:
RUN pdf_place_image ("Spdf","ProSysLogo",pdf_LeftMargin("Spdf"), pdf_TopMargin("Spdf") - 20 ,179
END.

/* Set Header Font Size and Colour */
RUN pdf_set_font ("Spdf","Courier-Bold",10.0).
RUN pdf_text_color ("Spdf",1.0,.0,.0).

/* Put a Rectangle around the Header */
RUN pdf_stroke_color ("Spdf", .0,.0,.0).
RUN pdf_stroke_fill ("Spdf", .9,.9,.9).
RUN pdf_rect ("Spdf", pdf_LeftMargin("Spdf"), pdf_TextY("Spdf") - 3, pdf_PageWidth("Spdf") - 30

/* Output Report Header */
RUN pdf_text_at ("Spdf","St",1).
RUN pdf_text_at ("Spdf","Nbr",6).
RUN pdf_text_at ("Spdf","Customer Name",12).
RUN pdf_text_at ("Spdf","Phone Number",44).
RUN pdf_text_to ("Spdf","Balance",80).

/* Display Header UnderLine */
RUN pdf_skip ("Spdf").
RUN pdf_set_dash ("Spdf",1,0).
RUN pdf_line ("Spdf", pdf_LeftMargin("Spdf"), pdf_TextY("Spdf") + 5, pdf_PageWidth("Spdf") - 20
RUN pdf_skip ("Spdf").

/* Set Detail Font Colour */
RUN pdf_text_color ("Spdf",.0,.0,.0).

```

```
END. /* PageHeader */  
  
MESSAGE ETIME VIEW-AS ALERT-BOX.  
  
IF VALID-HANDLE(h_PDFinc) THEN  
    DELETE PROCEDURE h_PDFinc.  
  
/* end of custlist.p */
```