

# DTE v7.0 code changes made for SynergyDE v9 series May 2008

## Comparing files AR6200.DBL and AR6200.DBL\_BEFORE

```
***** AR6200.DBL
;==Changes=====;
; 04/24/2007 lso - adjust for Syn9 requirements
; 09/10/1996 tah - Clear detail balance on customer break.
***** AR6200.DBL_BEFORE
;==Changes=====;
; 09/10/1996 tah - Clear detail balance on customer break.
*****

***** AR6200.DBL
      find_status      ,d1          ; status of find operation
      idecml           ,d2          ; integer amount work area
      lstcus           ,d8          ; current customer number
***** AR6200.DBL_BEFORE
      find_status      ,d1          ; status of find operation
      lstcus           ,d8          ; current customer number
*****

***** AR6200.DBL
      aro_cust = scr_strcus
      idecml = 8
      if (scr_strcus.eq.0) idecml = 2
      case scr_dtlseq of
***** AR6200.DBL_BEFORE
      aro_cust = scr_strcus
      decml = 8
      if (scr_strcus.eq.0) decml = 2
      case scr_dtlseq of

*****

***** AR6200.DBL
      begincase
      'R': xcall db_find (aropen_chan,aro_key(1:idecml),0,'M',,,opcde)
      'D': xcall db_find (aropen_chan,aro_key(1:idecml),1,'M',,,opcde)
      endcase
***** AR6200.DBL_BEFORE
      begincase
      'R': xcall db_find (aropen_chan,aro_key(1:decml),0,'M',,,opcde)
      'D': xcall db_find (aropen_chan,aro_key(1:decml),1,'M',,,opcde)
      endcase
*****
```

## Comparing files CC2400L.DBL and CC2400L.DBL\_BEFORE

```
***** CC2400L.DBL
      'END':          exitloop
      'DELETE':       begin
                      opcde = TRUE
                      if (ut_delete.eq.'Y') xcall confirm (opcde,2)
***** CC2400L.DBL_BEFORE
      'END':          exitloop
```

```

                'DELETE':      begin                                opcde = TRUE
                                if (ut_delete.eq.'Y') xcall confirm (opcde,2)
*****

```

## Comparing files CM7100.DBL and CM7100.DBL\_BEFORE

```

***** CM7100.DBL
        ,a*      @1,      'MAIN CLIENT:'
legst    ,a8      @13
        ,a*      @22,      'TO'
legen    ,a8      @25

***** CM7100.DBL_BEFORE
        ,a*      @1,      'MAIN CLIENT:'
legst    ,a8      @12
        ,a*      @21,      'TO'
legen    ,a8      @24

*****

```

## Comparing files DSREAD.DBL and DSREAD.DBL\_BEFORE

```

***** DSREAD.DBL
;==Function=====
;      ds_read      Read a document record into 'dsr_data'
;==Changes=====
***** DSREAD.DBL_BEFORE
;==Function=====
;      ds_read      Read a compressed document into 'dsr_data'
;==Changes=====
*****

***** DSREAD.DBL
        clear dsr_data
        xcall u_message ('Record number ' + %string(a_recno) + ' not found.')
end
***** DSREAD.DBL_BEFORE
        clear dsr_data
        xcall u_message ('Record not found...')
        xcall u_message (a_recno)
end
*****

```

## Comparing files FA6000.DBL and FA6000.DBL\_BEFORE

```

***** FA6000.DBL
        osalamt ,a13      @52
                ,a*      @69,      'YTD Units'
        ouytd    ,a9      @81
***** FA6000.DBL_BEFORE
        osalamt ,a13      @52
                ,a13      @69,      'YTD Units'
        ouytd    ,a9      @81
*****

```

## Comparing files FILES.DBL and FILES.DBL\_BEFORE

```
***** FILES.DBL
;==Changes=====;
; 04/19/2007 lso - change for Syn v9 key_seq
; 01/31/2001 tah - Changes for new SMCTRL file.
***** FILES.DBL_BEFORE
;==Changes=====;
; 01/31/2001 tah - Changes for new SMCTRL file.
*****

***** FILES.DBL
      key_mod      ,a7      @work_o+5
      key_seq      ,a8      @work_o+12
      work_version ,a10                      ; DBL version
***** FILES.DBL_BEFORE
      key_mod      ,a7      @work_o+5
      key_seq      ,a9      @work_o+12
      work_version ,a10                      ; DBL version
*****
```

## Comparing files FORECAST.DBL and FORECAST.DBL\_BEFORE

```
***** FORECAST.DBL
;==Changes=====;
; 4/19/2007 lso - Change for Syn9, Alpha/beta work area from 18 to 2
;=====;
***** FORECAST.DBL_BEFORE
;==Changes=====;
;=====;
*****

***** FORECAST.DBL
      npts          ,d3          ; Number of data points
      pa            ,d2          ; Alpha work area
      pb            ,d2          ; Beta work area
      ses           ,[128]d12.4  ; Single exponential smoothed data
***** FORECAST.DBL_BEFORE
      npts          ,d3          ; Number of data points
      pa            ,d18.4       ; Alpha work area
      pb            ,d18.4       ; Beta work area
      ses           ,[128]d12.4  ; Single exponential smoothed data
*****
```

## Comparing files IN2300.DBL and IN2300.DBL\_BEFORE

```
***** IN2300.DBL
;==Changes=====;
; 04.24.2007 lso - adjust for syn9 requirements
; 08/10/2006 tfc - make sure item desc displays
; 06/12/2001 tah - Add code for company switching.
***** IN2300.DBL_BEFORE
;==Changes=====;
; 08/10/2006 tfc make sure item desc displays
; 06/12/2001 tah - Add code for company switching.
*****

***** IN2300.DBL
```

```

        xcall message (DTEIN_INK)
        xcall i_init (inp_wind_no,,,'ITEM')
        xcall i_next (inp_wind_no,dtb_setname,"ITEM")
***** IN2300.DBL_BEFORE
        xcall message (DTEIN_INK)
        xcall i_init (inp_wind_no,,,'ITEM')
        xcall i_next (inp_wind_no,dtb_setname,"ITEM")
*****

```

## Comparing files IN2700.DBL and IN2700.DBL\_BEFORE

```

***** IN2700.DBL
;==Changes=====;
; 04/24/2007 lso - adjust %int for Syn9 requirements
; 01/06/1997 tah - Add pricing by item group.
***** IN2700.DBL_BEFORE
;==Changes=====;
; 01/06/1997 tah - Add pricing by item group.
*****

***** IN2700.DBL
        to_qty          ,[25]d6          ; array for to quantities
        u_costs          ,a27             ; unit costs
        u_cost           ,[3]d9.3 @u_costs ; Average,Last,Standard
***** IN2700.DBL_BEFORE
        to_qty          ,[25]d6          ; array for to quantities
        u_costs          ,d27             ; unit costs
        u_cost           ,[3]d9.3 @u_costs ; Average,Last,Standard
*****

***** IN2700.DBL
        begincase
        'S': unit_price[max] = sale_price[%int(inp_price[price_level])]
        'M': unit_price[max] = inl_lcost +
***** IN2700.DBL_BEFORE
        begincase
        'S': unit_price[max] = sale_price[inp_price[price_level]]
        'M': unit_price[max] = inl_lcost +
*****

```

## Comparing files IN6250.DBL and IN6250.DBL\_BEFORE

```

***** IN6250.DBL
;==Changes=====;
; 04/24/2007 lso - adjust %int for Syn9 requirements
;=====;
***** IN6250.DBL_BEFORE
;==Changes=====;
;=====;
*****

***** IN6250.DBL
        begincase
        'S': unit_price[ndx] = inl_price[%int(inp_price[ndx])]
        'M': unit_price[ndx] = lcost + (lcost * inp_price[ndx])
***** IN6250.DBL_BEFORE
        begincase

```

```

'S': unit_price[ndx] = inl_price[inp_price[ndx]]
'M': unit_price[ndx] = lcost + (lcost * inp_price[ndx])
*****

```

## Comparing files IN6606.DBL and IN6606.DBL\_BEFORE

```

***** IN6606.DBL
;==Changes=====;
; 04/24/2007 lso - Adjust for Syn9 requirements
; 01/06/1997 tah - Print ranking.
***** IN6606.DBL_BEFORE
;==Changes=====;
; 01/06/1997 tah - Print ranking.
*****

```

```

***** IN6606.DBL
      pri_catlg2      ,a3      @prt_line+40
      pri_pagefr      ,a4      @prt_line+48
      pri_pageto      ,a5      @prt_line+52

```

```

***** IN6606.DBL_BEFORE
      pri_catlg2      ,a3      @prt_line+40
      pri_pagefr      ,a4      @prt_line+49
      pri_pageto      ,a5      @prt_line+53

```

\*\*\*\*\*

## Comparing files INIPRC.DBL and INIPRC.DBL\_BEFORE

```

***** INIPRC.DBL
;==Changes=====;
; 04/24/2007 lso - adjust for syn9 requirements, u_cost as a and %int
; 02/11/1999 tah - Added discount percent pass back to program.
***** INIPRC.DBL_BEFORE
;==Changes=====;
; 02/11/1999 tah - Added discount percent pass back to program.
*****

```

```

***** INIPRC.DBL
      tot_price      ,d10.3      ; Total line item price
      u_costs        ,a27        ; Unit costs
      u_cost         , [3]d9.3 @u_costs      ; (Average, Last, Standard)

```

```

***** INIPRC.DBL_BEFORE
      tot_price      ,d10.3      ; Total line item price
      u_costs        ,d27        ; Unit costs
      u_cost         , [3]d9.3 @u_costs      ; (Average, Last, Standard)

```

\*\*\*\*\*

```

***** INIPRC.DBL
      begincase
      'S': item_price = a_spric(%int(inp_price[ndx2]))      ;sales price
      'M': begin      ; mark-up on last cost

```

```

***** INIPRC.DBL_BEFORE
      begincase
      'S': item_price = a_spric(inp_price[ndx2])      ;sales price
      'M': begin      ; mark-up on last cost

```

\*\*\*\*\*

```

***** INIPRC.DBL
                                begincase
                                'S': item_price = a_spric(%int(inp_price[ndx2])) ; sales price
                                'M': begin                                ; markup of last cost
***** INIPRC.DBL_BEFORE
                                begincase
                                'S': item_price = a_spric(inp_price[ndx2]) ; sales price
                                'M': begin                                ; markup of last cost
*****

```

## Comparing files INIPRIC.DBL and INIPRIC.DBL\_BEFORE

```

***** INIPRIC.DBL
;==Changes=====;
; 04/24/2007 lso - Adjust for Syn9 requirements
; 07/15/1998 TAH - Modify list processing for Synergy V6
***** INIPRIC.DBL_BEFORE
;==Changes=====;
; 07/15/1998 TAH - Modify list processing for Synergy V6
*****

***** INIPRIC.DBL
record sel_line                                ; selection window item
      sel_rfa                                ,a6                                ; RFA
      sel_ktype                               ,a1                                ; key type
***** INIPRIC.DBL_BEFORE
record sel_line                                ; selection window item
      sel_rfa                                ,d6                                ; RFA
      sel_ktype                               ,a1                                ; key type
*****

```

## Comparing files INPRICEL.DBL and INPRICEL.DBL\_BEFORE

```

***** INPRICEL.DBL
;==Changes=====;
; 04/24/2007 lso - adjust for syn9 requirements, %int and u_costs
;=====;
***** INPRICEL.DBL_BEFORE
;==Changes=====;
;=====;
*****

***** INPRICEL.DBL
      to_qty                                , [25]d6                                ; array for to quantities
      u_costs                               , a27                                ; unit costs
      u_cost                                , [3]d9.3 @u_costs                    ; Average, Last, Standard
***** INPRICEL.DBL_BEFORE
      to_qty                                , [25]d6                                ; array for to quantities
      u_costs                               , d27                                ; unit costs
      u_cost                                , [3]d9.3 @u_costs                    ; Average, Last, Standard
*****

***** INPRICEL.DBL
      begincase
      'S': unit_price[max] = sale_price[%int(inp_price[price_level])]
      'M': unit_price[max] = inl_lcost +

```

```

***** INPRICEL.DBL_BEFORE
        begin case
        'S':  unit_price[max] = sale_price[inp_price[price_level]]
        'M':  unit_price[max] = inl_lcost +
*****

```

## Comparing files OE4000L.DBL and OE4000L.DBL\_BEFORE

```

***** OE4000L.DBL
;==Changes=====;
; 04/24/2007 lso - Adjust for Syn9 requirements, u_costs
; 11/22/2005 lso - Add unlock oeline_chan per WSC
***** OE4000L.DBL_BEFORE
;==Changes=====;
; 11/22/2005 lso - Add unlock oeline_chan per WSC
*****

***** OE4000L.DBL
        sunit_price      ,d9.3          ; standard unit price
        u_costs           ,a27           ; costs for call to calculate price
        u_cost            ,[3]d9.3 @u_costs      ; Average,Last,Standard
***** OE4000L.DBL_BEFORE
        sunit_price      ,d9.3          ; standard unit price
        u_costs           ,d27           ; costs for call to calculate price
        u_cost            ,[3]d9.3 @u_costs      ; Average,Last,Standard
*****

```

## Comparing files OE4000P.DBL and OE4000P.DBL\_BEFORE

```

***** OE4000P.DBL
;==Changes=====;
; 04/24/2007 lso - Adjust for Syn9 requirements, u_costs
; 04/16/2004 tah - Correct upcharge to unit price.
***** OE4000P.DBL_BEFORE
;==Changes=====;
; 04/16/2004 tah - Correct upcharge to unit price.
*****

***** OE4000P.DBL
        price_quantity   ,d9.3          ; pricing quantity
        u_costs           ,a27           ; costs for call to calculate price
        u_cost            ,[3]d9.3 @u_costs      ; Average,Last,Standard
***** OE4000P.DBL_BEFORE
        price_quantity   ,d9.3          ; pricing quantity
        u_costs           ,d27           ; costs for call to calculate price
        u_cost            ,[3]d9.3 @u_costs      ; Average,Last,Standard
*****

```

## Comparing files OE4010L.DBL and OE4010L.DBL\_BEFORE

```

***** OE4010L.DBL
;==Changes=====;
; 04/24/2007 lso - Adjust for Syn9 requirements, u_costs
;=====;
***** OE4010L.DBL_BEFORE
;==Changes=====;
;=====;

```

\*\*\*\*\*

```
***** OE4010L.DBL
    sunit_price      ,d9.3          ; standard unit price
    u_costs          ,a27           ; costs for call to calculate price
    u_cost           ,[3]d9.3 @u_costs ; Average,Last,Standard
***** OE4010L.DBL_BEFORE
    sunit_price      ,d9.3          ; standard unit price
    u_costs          ,d27           ; costs for call to calculate price
    u_cost           ,[3]d9.3 @u_costs ; Average,Last,Standard
*****
```

## Comparing files OE6860.DBL and OE6860.DBL\_BEFORE

```
***** OE6860.DBL
                                if (no_cust.lt.arc_id)
                                do begin
                                reads (work_chan,noorder,eof_work)
                                end
                                until (no_cust.ge.arc_id)
cont_eof_work,
***** OE6860.DBL_BEFORE
                                if (no_cust.lt.arc_id)
                                do reads (work_chan,noorder,eof_work) until (no_cust.ge.arc_id)
cont_eof_work,
*****

***** OE6860.DBL
print_report_totals,
    return

***** OE6860.DBL_BEFORE
print_report_totals,
    return

*****
```

## Comparing files OE9200.DBL and OE9200.DBL\_BEFORE

```
***** OE9200.DBL
;==Changes=====;
; 04/24/2007 lso - adjust for Syn9 requirements
;=====;
***** OE9200.DBL_BEFORE
;==Changes=====;
;=====;
*****

***** OE9200.DBL
    in_buffer        ,a2000          ; work file input buffer
    in_dbuffer       ,a2000 @in_buffer
    ism_file         ,a14, 'FIL:xxxxxx.eee'; open ism master file
***** OE9200.DBL_BEFORE
    in_buffer        ,a2000          ; work file input buffer
    in_dbuffer       ,d2000 @in_buffer
    ism_file         ,a14, 'FIL:xxxxxx.eee'; open ism master file
*****
```



## Comparing files OE9500.DBL and OE9500.DBL\_BEFORE

```
***** OE9500.DBL
;==Changes=====;
; 04/24/2007 lso - Adjust for Syn9 requirement, message vs u_
;=====;
***** OE9500.DBL_BEFORE
;==Changes=====;
;=====;
*****

***** OE9500.DBL
      in_buffer      ,a2000          ; work file input buffer
      in_dbuffer     ,a2000 @in_buffer
      item_disc_pct  ,d6             ; item discount pct from inpric
***** OE9500.DBL_BEFORE
      in_buffer      ,a2000          ; work file input buffer
      in_dbuffer     ,d2000 @in_buffer
      item_disc_pct  ,d6             ; item discount pct from inpric
*****

***** OE9500.DBL
      work_edsc      ,[4]a60         ; work area for extended description
      work_invkey    ,a33
      work_i_type    ,a1 @work_invkey
***** OE9500.DBL_BEFORE
      work_edsc      ,[4]a60         ; work area for extended description
      work_invkey    ,a31
      work_i_type    ,a1 @work_invkey
*****

***** OE9500.DBL
      writes (worder_chan,oehdr) ; write header work record
      xcall message (opcde,D_ERROR)

***** OE9500.DBL_BEFORE
      writes (worder_chan,oehdr) ; write header work record
      xcall u_message (opcde)

*****

***** OE9500.DBL
      ;;;; Translate old id number to new id number
      xcall message (OEM_CUST,D_ERROR)

***** OE9500.DBL_BEFORE
      ;;;; Translate old id number to new id number
      xcall u_message (OEM_CUST)

*****
```

## Comparing files OEIHIST.DBL and OEIHIST.DBL\_BEFORE

```
***** OEIHIST.DBL
;==Changes=====;
; 04/24/2007 lso - Adjust for Syn9 requirements
```

```
; 07/14/1998 TAH - Modify list processing for Synergy V6
***** OEIHIST.DBL_BEFORE
;==Changes=====;
; 07/14/1998 TAH - Modify list processing for Synergy V6
*****

***** OEIHIST.DBL
record sel_line           ; selection window item
      sel_rfa             ,a6           ; RFA of record
      sel_order           ,d6           ; order number
***** OEIHIST.DBL_BEFORE
record sel_line           ; selection window item
      sel_rfa             ,d6           ; RFA of record
      sel_order           ,d6           ; order number
*****
```

## Comparing files oeprice.dbl and OEPRICE.DBL\_BEFORE

```
***** oeprice.dbl
;==Changes=====;
; 04/24/2007 lso - adjust for syn9 requirements
;=====;
***** OEPRICE.DBL_BEFORE
;==Changes=====;
;=====;
*****

***** oeprice.dbl
      sunit_price         ,d9.3         ; standard unit price
      u_costs             ,a27          ; costs for call to calculate price
      u_cost              ,[3]d9.3 @u_costs ; Average,Last,Standard
***** OEPRICE.DBL_BEFORE
      sunit_price         ,d9.3         ; standard unit price
      u_costs             ,d27          ; costs for call to calculate price
      u_cost              ,[3]d9.3 @u_costs ; Average,Last,Standard
*****
```

## Comparing files po4320.dbl and PO4320.DBL\_BEFORE

```
***** po4320.dbl
;==Changes=====;
; 04/24/2007 lso - adjust for Syn9 requirements
; 06/26/2006 tfc - use bin from po4300 if sent
***** PO4320.DBL_BEFORE
;==Changes=====;
; 06/26/2006 tfc - use bin from po4300 if sent
*****

***** po4320.dbl
      set_name            ,a6           ; input set name
      slno_key            ,a35
      slno_comp           ,a2          @slno_key
***** PO4320.DBL_BEFORE
      set_name            ,a6           ; input set name
      slno_key            ,a25
      slno_comp           ,a2          @slno_key
*****
```

```
***** PO6000.DBL
;==Changes=====;
; 04/24/2007 lso - adjust for Syn9 requirements
; 01/08/2007 - esc Add new Reference to function the same as Remarks
***** PO6000.DBL_BEFORE
;==Changes=====;
; 01/08/2007 - esc Add new Reference to function the same as Remarks
*****
```

## Comparing files POIHIST.DBL and POIHIST.DBL\_BEFORE

```
***** POIHIST.DBL
;==Changes=====;
; 04/24/2007 lso - Adjust for Syn9 requirements
; 07/14/1998 TAH - Modify list processing for Synergy V6
***** POIHIST.DBL_BEFORE
;==Changes=====;
; 07/14/1998 TAH - Modify list processing for Synergy V6
*****
```

## Comparing files pr6500.dbl and PR6500.DBL\_BEFORE

```
***** pr6500.dbl
      prov_sid          ,a15      @54
      prov_sgrs         ,a10      @69
      prov_swt          ,a9       @82

      prov_ccd          ,a3       @92
      prov_cnam         ,a10      @97
      prov_cgrr         ,a10      @108
      prov_cwt          ,a9       @118

***** PR6500.DBL BEFORE
```

```

prov_sid      ,a15      @54
prov_sgrs    ,a10     @67
prov_swt      ,a9       @80

prov_ccd      ,a3       @90
prov_cnam     ,a10      @95
prov_cgrs     ,a10      @106
prov_cwt      ,a9       @116

```

\*\*\*\*\*

## Comparing files QS4000L.DBL and QS4000L.DBL\_BEFORE

```

***** QS4000L.DBL
;==Changes=====;
; 04/24/2007 lso - Adjust for Syn9 requirements
;=====;
***** QS4000L.DBL_BEFORE
;==Changes=====;
;=====;
*****

***** QS4000L.DBL
      sunit_price      ,d9.3          ; standard unit price
      u_costs          ,a27          ; costs for call to calculate price
      u_cost           ,[3]d9.3 @u_costs      ; Average,Last,Standard
***** QS4000L.DBL_BEFORE
      sunit_price      ,d9.3          ; standard unit price
      u_costs          ,d27          ; costs for call to calculate price
      u_cost           ,[3]d9.3 @u_costs      ; Average,Last,Standard
*****

```

## Comparing files READ.DBL and READ.DBL\_BEFORE

```

***** READ.DBL
;==Changes=====;
; 04/19/2007 lso - change for Syn v9 f_message
;=====;
***** READ.DBL_BEFORE
;==Changes=====;
;=====;
*****

***** READ.DBL
      'S': begin
          xcall gettxt (DTER_LOK,f_message)
          xcall e_sect (f_message,D_INFO)
          rel_lockd = TRUE
      end
***** READ.DBL_BEFORE
      'S': begin
          xcall e_sect (dter_lok,D_INFO)
          rel_lockd = TRUE
      end
*****

***** READ.DBL

```

```

begin
    xcall gettxt (DTER_LOK,f_message)
    xcall e_sect (f_message,D_INFO)
    rel_lockd = TRUE
***** READ.DBL_BEFORE
begin
    xcall e_sect (dter_lok,D_INFO)
    rel_lockd = TRUE
*****

```

## Comparing files SM4000.DBL and SM4000.DBL\_BEFORE

```

***** SM4000.DBL
;==Changes=====;
; 04/24/2007 lso - Adjust for Syn9 requirements, buffer from d to a field
;=====;
***** SM4000.DBL_BEFORE
;==Changes=====;
;=====;
*****

***** SM4000.DBL
    in_buffer      ,a2000          ; work file input buffer
    ism_file       ,a14,    'FIL:xxxxxx.eee'; open ism master file
***** SM4000.DBL_BEFORE
    in_buffer      ,a2000          ; work file input buffer
    in_dbuffer     ,d2000 @in_buffer
    ism_file       ,a14,    'FIL:xxxxxx.eee'; open ism master file
*****

***** SM4000.DBL
    out_buffer     ,a2000          ; work file output buffer
    recs_read      ,d6
***** SM4000.DBL_BEFORE
    out_buffer     ,a2000          ; work file output buffer
    out_dbuffer    ,d2000 @out_buffer
    recs_read      ,d6
*****

***** SM4000.DBL
    in_buffer      ,a2000          ; work file input buffer
    justify        ,a2            ; justify command
***** SM4000.DBL_BEFORE
    in_buffer      ,a2000          ; work file input buffer
    in_dbuffer     ,d2000 @in_buffer
    justify        ,a2            ; justify command
*****

***** SM4000.DBL
    out_buffer     ,a2000          ; work file output buffer
    posb           ,d2            ; work area for %instr
***** SM4000.DBL_BEFORE
    out_buffer     ,a2000          ; work file output buffer
    out_dbuffer    ,d2000 @out_buffer
    posb           ,d2            ; work area for %instr
*****

***** SM4000.DBL
                                onerror not_dec

```

```

^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) =
& in_buffer(forfldstart[ndx]:forfldlen[ndx])

***** SM4000.DBL_BEFORE

onerror not_dec
out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) =
& in_buffer(forfldstart[ndx]:forfldlen[ndx])

*****

***** SM4000.DBL

onerror not_dec
^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) =
& constant_d[ndx]

***** SM4000.DBL_BEFORE

onerror not_dec
out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) =
& constant_d[ndx]

*****

***** SM4000.DBL

onerror not_dec
^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) =
& constant_d[ndx]

***** SM4000.DBL_BEFORE

onerror not_dec
out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) =
& constant_d[ndx]

*****

***** SM4000.DBL

'A': begin
; alpha
out_buffer(dtefldstart[ndx]:dtefldlen[ndx]) =
& in_buffer(forfldstart[ndx]:forfldlen[ndx])
end

***** SM4000.DBL_BEFORE

'A': begin
; alpha
out_buffer(dtefldstart[ndx]:dtefldlen[ndx]) =
& in_dbuffer(forfldstart[ndx]:forfldlen[ndx])
end

*****

***** SM4000.DBL

'D': begin
; date
onerror not_dec
date = ^d(in_buffer(forfldstart[ndx]:forfldlen[ndx]))
call date_format
offerror
end

***** SM4000.DBL_BEFORE

'D': begin
; date
onerror not_dec
date = in_dbuffer(forfldstart[ndx]:forfldlen[ndx])
call date_format
offerror
end

*****

***** SM4000.DBL

'N': begin
; number
onerror not_dec
^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) =
& ^d(in_buffer(forfldstart[ndx]:forfldlen[ndx]))

```

```

                                offererror
                                end
***** SM4000.DBL_BEFORE
                                'N': begin                                ; number
                                    onerror not_dec
                                    out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) =
                                    & in_dbuffer(forfldstart[ndx]:forfldlen[ndx])
                                    offererror
                                end
*****

***** SM4000.DBL
                                out_buffer(dtefldstart[ndx]:dtefldlen[ndx]) =
                                & in_buffer(forfldstart[ndx]:forfldlen[ndx]) [left]
                                call right
***** SM4000.DBL_BEFORE
                                out_buffer(dtefldstart[ndx]:dtefldlen[ndx]) =
                                & in_dbuffer(forfldstart[ndx]:forfldlen[ndx]) [left]
                                call right
*****

***** SM4000.DBL
                                onerror not_dec
                                date = ^d(in_buffer(forfldstart[ndx]:forfldlen[ndx]))
                                call date_format
***** SM4000.DBL_BEFORE
                                onerror not_dec
                                date = in_dbuffer(forfldstart[ndx]:forfldlen[ndx])
                                call date_format
*****

***** SM4000.DBL
                                onerror not_dec
                                ^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) =
                                & ^d(in_buffer(forfldstart[ndx]:forfldlen[ndx]))
                                call align
***** SM4000.DBL_BEFORE
                                onerror not_dec
                                out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) =
                                & in_dbuffer(forfldstart[ndx]:forfldlen[ndx])
                                call align
*****

***** SM4000.DBL
                                'A': begin                                ; alpha/num
                                    out_buffer(dtefldstart[ndx]:dtefldlen[ndx]) =
                                    & wrk_string(1,dtefldlen[ndx])
                                    call right
                                end
***** SM4000.DBL_BEFORE
                                'A': begin                                ; alpha/num
                                    out_buffer(dtefldstart[ndx]:dtefldlen[ndx]) =
                                    & wrk_string(1,dtefldlen[ndx])
                                    call right
                                end
*****

***** SM4000.DBL
                                'D': begin                                ; date
                                    date = wrk_decimal
                                    call date_format

```

```

end
***** SM4000.DBL_BEFORE
        'D': begin
                date = wrk_decimal
                call date_format
        end
*****

***** SM4000.DBL
        'N': begin
                ; number
                ^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) =
                & wrk_decimal
                call align
        end
***** SM4000.DBL_BEFORE
        'N': begin
                ; number
                out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) =
                & wrk_decimal
                call align
        end
*****

***** SM4000.DBL
        'N': begin
                ; number
                ^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) =
                & wrk_decimal
***** SM4000.DBL_BEFORE
        'N': begin
                ; number
                out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) =
                & wrk_decimal
*****

***** SM4000.DBL
        'N': begin
                ; number
                ^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) =
                & wrk_decimal
***** SM4000.DBL_BEFORE
        'N': begin
                ; number
                out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) =
                & wrk_decimal
*****

***** SM4000.DBL
resume_error,
        clear ^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx]))
        end
***** SM4000.DBL_BEFORE
resume_error,
        clear out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx])
        end
*****

***** SM4000.DBL
        mult = mult_adjust(1:mult+1)
        ^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) =
        & ^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) * mult
        end
***** SM4000.DBL_BEFORE
        mult = mult_adjust(1:mult+1)
        out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) =
        & out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) * mult

```



```

        end
*****

***** SM4000.DBL
        mult = mult_adjust(1:-mult+1)
        ^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) =
        &      ^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) / mult
        end
***** SM4000.DBL_BEFORE
        mult = mult_adjust(1:-mult+1)
        out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) =
        &      out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) / mult
        end
*****

***** SM4000.DBL
        end
        ^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) = date
        end
***** SM4000.DBL_BEFORE
        end
        out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) = date
        end
*****

***** SM4000.DBL
        endcase
        ^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) = date
        end
***** SM4000.DBL_BEFORE
        endcase
        out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) = date
        end
*****

***** SM4000.DBL
        endcase
        ^d(out_buffer(dtefldstart[ndx]:dtefldlen[ndx])) = date
        end
***** SM4000.DBL_BEFORE
        endcase
        out_dbuffer(dtefldstart[ndx]:dtefldlen[ndx]) = date
        end
*****

```

## Comparing files SM4100.DBL and SM4100.DBL\_BEFORE

```

***** SM4100.DBL
;==Changes=====
; 04/24/2007 lso - Adjust for Syn9 requirements, buffer from d to a field
;=====
***** SM4100.DBL_BEFORE
;==Changes=====
;=====
*****

***** SM4100.DBL
        in_buffer      ,a2000      ; work file input buffer
        ism_file       ,a14,      'FIL:xxxxxx.eee'; open ism master file

```

[illegible]

```

                                onerror not_dec
                                ^d(out_buffer(forfldstart[ndx]:forfldlen[ndx])) =
                                & ^d(in_buffer(dtefldstart[ndx]:dtefldlen[ndx]))
                                call align
***** SM4100.DBL_BEFORE
                                onerror not_dec
                                out_dbuffer(forfldstart[ndx]:forfldlen[ndx]) =
                                & in_buffer(dtefldstart[ndx]:dtefldlen[ndx])
                                call align
*****

***** SM4100.DBL
                                mult = mult_adjust(1:mult+1)
                                ^d(out_buffer(forfldstart[ndx]:forfldlen[ndx])) =
                                & ^d(out_buffer(forfldstart[ndx]:forfldlen[ndx])) * mult
                                end
***** SM4100.DBL_BEFORE
                                mult = mult_adjust(1:mult+1)
                                out_dbuffer(forfldstart[ndx]:forfldlen[ndx]) =
                                & out_dbuffer(forfldstart[ndx]:forfldlen[ndx]) * mult
                                end
*****

***** SM4100.DBL
                                mult = mult_adjust(1:-mult+1)
                                ^d(out_buffer(forfldstart[ndx]:forfldlen[ndx])) =
                                & ^d(out_buffer(forfldstart[ndx]:forfldlen[ndx])) / mult
                                end
***** SM4100.DBL_BEFORE
                                mult = mult_adjust(1:-mult+1)
                                out_dbuffer(forfldstart[ndx]:forfldlen[ndx]) =
                                & out_dbuffer(forfldstart[ndx]:forfldlen[ndx]) / mult
                                end
*****

***** SM4100.DBL
                                end
                                ^d(out_buffer(forfldstart[ndx]:forfldlen[ndx])) = date
                                end
***** SM4100.DBL_BEFORE
                                end
                                out_dbuffer(forfldstart[ndx]:forfldlen[ndx]) = date
                                end
*****

***** SM4100.DBL
                                endcase
                                ^d(out_buffer(forfldstart[ndx]:forfldlen[ndx])) = date
                                end
***** SM4100.DBL_BEFORE
                                endcase
                                out_dbuffer(forfldstart[ndx]:forfldlen[ndx]) = date
                                end
*****

***** SM4100.DBL
                                endcase
                                ^d(out_buffer(forfldstart[ndx]:forfldlen[ndx])) = date
                                end
***** SM4100.DBL_BEFORE
                                endcase

```

```
        out_dbuffer(forfldstart[ndx]:forfldlen[ndx]) = date
    end
*****
```

## Comparing files WINDOWS.DBL and WINDOWS.DBL\_BEFORE

```
***** WINDOWS.DBL
;==Changes=====;
; 04/19/2007 lso - Changes for Syn9 for msgtextfmt ... u_message
; 12/05/2006 lso - Change lodwin file_name from a40 to a60
***** WINDOWS.DBL_BEFORE
;==Changes=====;
; 12/05/2006 lso - Change lodwin file_name from a40 to a60
*****

***** WINDOWS.DBL
        end
        if (msgtextfmt.eq.'No message available') xcall u_message (%string(a_msg_no))
        if (ut_windows.eq.TRUE)
***** WINDOWS.DBL_BEFORE
        end
        if (msgtextfmt.eq.'No message available') xcall u_message (a_msg_no)
        if (ut_windows.eq.TRUE)
*****
```