**In beforefirst doc:**

Declare

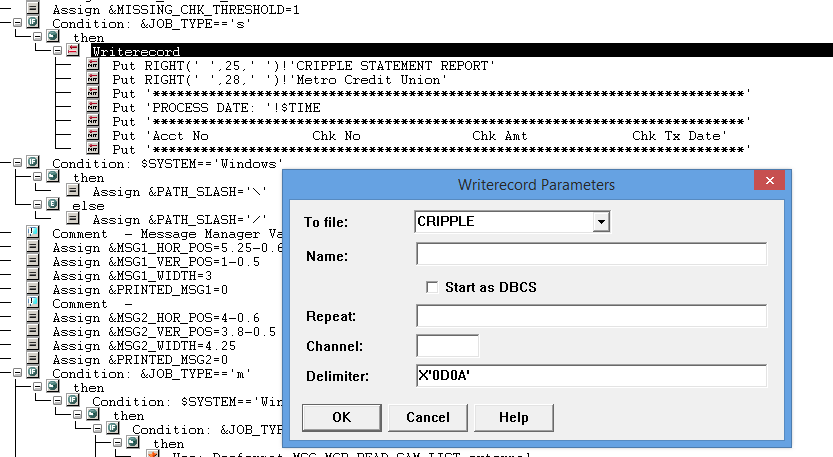
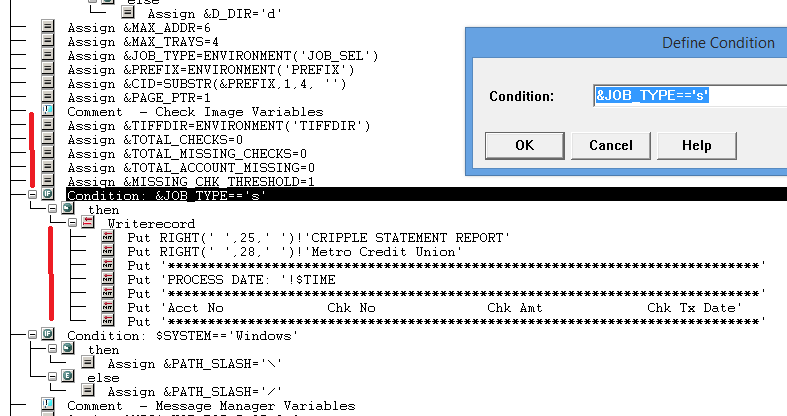
&total\_checks

&total\_missing\_checks

&total\_missing\_accounts

&missing\_check\_threshold=1( not sure if this is necessary)

Declare writerecord (CRIPPLE) 2nd image



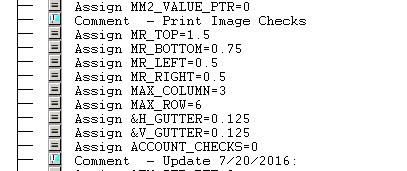
**In beforedoc:**

Declare &h\_gutter(horizontal gap between checks)

Declare &v\_gutter

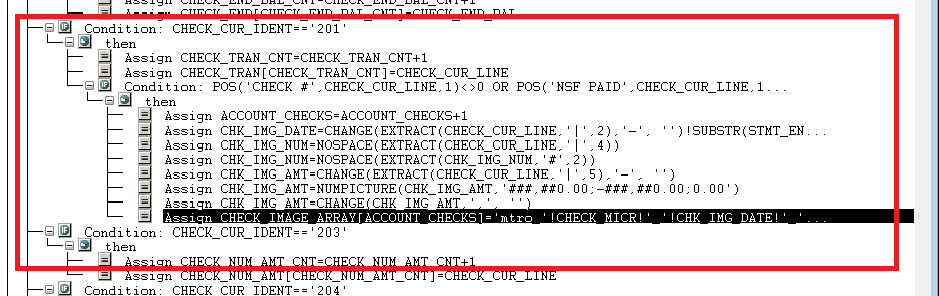
Delare all margin

Declare account\_checks which gonna total checks for current customer



**Create check\_image\_array**

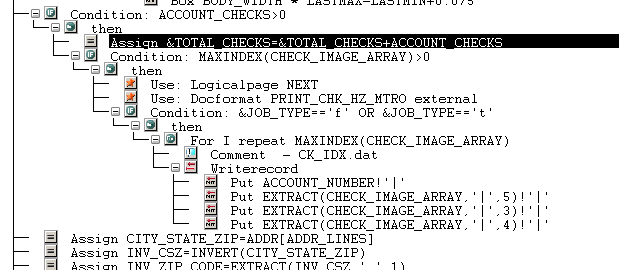
**<cid>\_<account\_no>\_<chk\_date>\_<chk\_amount\_no\_comma>\_<chk\_no>\_<F or B>.tiff> | <account\_no> | <chk\_date> | < chk\_amount\_no\_comma > | < chk\_no >|<F or B>**



**Call external dfa:**

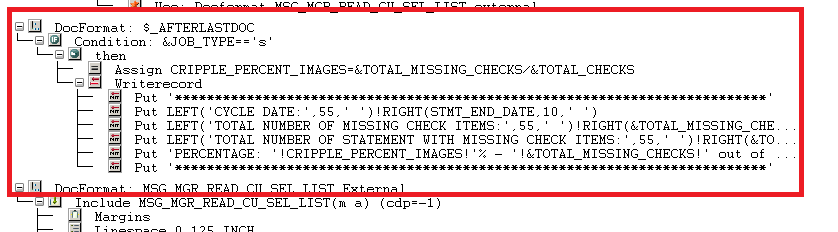
Call external dfa and create check index:

Index information:account no, check number, check date, amount



Afterlastdoc:

Calculate cripple percentage and insert info into cripple report



Beforefirstdoc:

/\*Check Image Variables\*/

&TIFFDIR = ENVIRONMENT('TIFFDIR') ;

&TOTAL\_CHECKS = 0 ;

&TOTAL\_MISSING\_CHECKS = 0 ;

&TOTAL\_ACCOUNT\_MISSING = 0 ;

&MISSING\_CHK\_THRESHOLD = 1 ;

IF &JOB\_TYPE=='s' ;

THEN ;

WRITERECORD TO CRIPPLE

DELIMITER X'0D0A' ;

PUT RIGHT(' ',25,' ')!'CRIPPLE STATEMENT REPORT' DELIMITED ;

PUT RIGHT(' ',28,' ')!'Metro Credit Union' DELIMITED ;

PUT '\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*'

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*' DELIMITED ;

PUT 'PROCESS DATE: '!$TIME DELIMITED ;

PUT '\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*'

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*' DELIMITED ;

PUT 'Acct No Chk No Chk Amt '

' Chk Tx Date' DELIMITED ;

PUT '\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*'

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*' DELIMITED ;

ENDIO;

ENDIF ;

Beforedoc:

/\*Print Image Checks\*/

MR\_TOP = 1.5 ;

MR\_BOTTOM = 0.75 ;

MR\_LEFT = 0.5 ;

MR\_RIGHT = 0.5 ;

MAX\_COLUMN = 3 ;

MAX\_ROW = 6 ;

&H\_GUTTER = 0.125 ;

&V\_GUTTER = 0.125 ;

ACCOUNT\_CHECKS = 0 ;

**Build\_check\_image array:**

ACCOUNT\_CHECKS = ACCOUNT\_CHECKS+1 ;

CHK\_IMG\_DATE = CHANGE(EXTRACT(CHECK\_CUR\_LINE,'|',2),'-', '')!

SUBSTR(STMT\_END\_DATE,7,4, '') ;

CHK\_IMG\_NUM = NOSPACE(EXTRACT(CHECK\_CUR\_LINE,'|',4)) ;

CHK\_IMG\_NUM = NOSPACE(EXTRACT(CHK\_IMG\_NUM,'#',2)) ;

CHK\_IMG\_AMT = CHANGE(EXTRACT(CHECK\_CUR\_LINE,'|',5),'-', '') ;

CHK\_IMG\_AMT = NUMPICTURE(CHK\_IMG\_AMT,'###,##0.00;-###,##0.00;'

'0.00') ;

CHK\_IMG\_AMT = CHANGE(CHK\_IMG\_AMT,',', '') ;

CHECK\_IMAGE\_ARRAY[ACCOUNT\_CHECKS] = 'mtro\_'!CHECK\_MICR!'\_'!

CHK\_IMG\_DATE!'\_'!CHK\_IMG\_AMT!'\_'!CHK\_IMG\_NUM!'\_F.tif'!'|'!

CHECK\_MICR!'|'!CHK\_IMG\_DATE!'|'!CHK\_IMG\_AMT!'|'!CHK\_IMG\_NUM!''

**Call external dfa and build check index:**

IF ACCOUNT\_CHECKS>0 ;

THEN ;

&TOTAL\_CHECKS = &TOTAL\_CHECKS+ACCOUNT\_CHECKS ;

IF MAXINDEX(CHECK\_IMAGE\_ARRAY)>0 ;

THEN ;

USE

LOGICALPAGE NEXT ;

USE

FORMAT PRINT\_CHK\_HZ\_MTRO EXTERNAL ;

IF &JOB\_TYPE=='f' OR &JOB\_TYPE=='t' ;

THEN ;

FOR I

REPEAT MAXINDEX(CHECK\_IMAGE\_ARRAY) ;

/\*CK\_IDX.dat\*/

/\*Account Number|\*/

/\*Check Number|\*/

/\*Check Date|\*/

/\*Check Amount|\*/

WRITERECORD TO CK\_IDX

DELIMITER '' ;

PUT ACCOUNT\_NUMBER!'|' DELIMITED ;

PUT EXTRACT(CHECK\_IMAGE\_ARRAY,'|',5)!'|' DELIMITED ;

PUT EXTRACT(CHECK\_IMAGE\_ARRAY,'|',3)!'|' DELIMITED ;

PUT EXTRACT(CHECK\_IMAGE\_ARRAY,'|',4)!'|' DELIMITED ;

ENDIO;

ENDFOR ;

ENDIF ;

ENDIF ;

ENDIF ;

Afterlastdoc:

IF &JOB\_TYPE=='s' ;

THEN ;

CRIPPLE\_PERCENT\_IMAGES = &TOTAL\_MISSING\_CHECKS/&TOTAL\_CHECKS ;

WRITERECORD TO CRIPPLE

DELIMITER X'0D0A' ;

PUT '\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*'

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*' DELIMITED ;

PUT LEFT('CYCLE DATE:',55,' ')!RIGHT(STMT\_END\_DATE,10,' ')

DELIMITED ;

PUT LEFT('TOTAL NUMBER OF MISSING CHECK ITEMS:',55,' ')!

RIGHT(&TOTAL\_MISSING\_CHECKS,10,' ') DELIMITED ;

PUT LEFT('TOTAL NUMBER OF STATEMENT WITH MISSING CHECK ITEMS:',

55,' ')!RIGHT(&TOTAL\_ACCOUNT\_MISSING,10,' ') DELIMITED ;

PUT 'PERCENTAGE: '!CRIPPLE\_PERCENT\_IMAGES!'% - '!

&TOTAL\_MISSING\_CHECKS!' out of '!&TOTAL\_CHECKS DELIMITED ;

PUT '\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*'

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*' DELIMITED ;

ENDIO;

ENDIF ;