

Programming Tips for Canadian Cheque Specifications

Wan How, Regent College

1 August 2007

To access the Datatel Cheque Printing Subroutine:

1. COLL17 or CDEV17
2. Select TOOL then CF
3. Go to BPO
4. Enter Subroutine: S.R12.PRT.AP.CHK1 (or something similar; replace R12 with your institution code)

Locate the internal subroutines

1. Locate the internal subroutine APB022.PRINT.REG.CHECK:
2. Changes should also be mirrored in the subroutine APB022.PRINT.REST.OF.VOIDED:

To test cheque printouts, use CKSE, CKPR, CKRS

SAMPLE CODE FOR CONVERTING CENTS INTO WORDS

```
*
* Get the Word amount for this check
*(eg Seventy Five and 00/100 dollars)
*
X.WORD.AMT = ''
CALL S.SPELL.OUT.AMT(A.CHK.AMT,X.WORD.AMT,A.MONETARY.UNIT)
* 10 Jul 2007 (WPHow): Find "AND" in Word amount
X.DOLLAR.AMT = ''
X.CENT.AMT = ''
FOR X = 1 TO LEN(X.WORD.AMT)
    UNTIL SUBSTRINGS(X.WORD.AMT,X,5) EQ " AND "
NEXT X
X.DOLLAR.AMT = SUBSTRINGS(X.WORD.AMT,1,X-1)
* multiply cents by 100
X.CENT.AMT = SUBSTRINGS(X.WORD.AMT,X+5,2)*100
CALL S.SPELL.OUT.AMT(X.CENT.AMT,X.WORD.AMT,A.MONETARY.UNIT)
FOR X = 1 TO LEN(X.WORD.AMT)
    UNTIL SUBSTRINGS(X.WORD.AMT,X,5) EQ " AND "
NEXT X
X.CENT.AMT = SUBSTRINGS(X.WORD.AMT,1,X-1)
X.WORD.AMT = X.DOLLAR.AMT:" DOLLARS AND ":X.CENT.AMT:" CENTS"
* End of Changes by WPHow
```

SAMPLE CODE FOR PRINTING DATE IN DDMYYYYY FORMAT

```
PRINT SUBSTRINGS(OCONV(A.CHK.DATE, 'DDZ2'), 1, 1):SPACE(2):  
PRINT SUBSTRINGS(OCONV(A.CHK.DATE, 'DDZ2'), 2, 1):SPACE(2):  
PRINT SUBSTRINGS(OCONV(A.CHK.DATE, 'DM'), 1, 1):SPACE(2):  
PRINT SUBSTRINGS(OCONV(A.CHK.DATE, 'DM'), 2, 1):SPACE(2):  
PRINT SUBSTRINGS(OCONV(A.CHK.DATE, 'DYZ4'), 1, 1):SPACE(2):  
PRINT SUBSTRINGS(OCONV(A.CHK.DATE, 'DYZ4'), 2, 1):SPACE(2):  
PRINT SUBSTRINGS(OCONV(A.CHK.DATE, 'DYZ4'), 3, 1):SPACE(2):  
PRINT SUBSTRINGS(OCONV(A.CHK.DATE, 'DYZ4'), 4, 1):SPACE(2)
```

* Note the difference in the conversion format for month. The month conversion has been problematic so please test thoroughly from Jan - Dec before moving code into production.

DISCLAIMER: The above code samples are only examples and may not work on your system.

Contact:

Wan How
Information Systems Director
Regent College
5800 University Blvd
Vancouver, BC V6T 2E4
Phone: 604-221-3362
Email: wphow@regent-college.edu