






VALIDATE TELLER TRANSACTIONS

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Validation Basics

- * Symitar Enabled
- * VALIDATE.TELLERTRAN
- * Teller Transaction Validation Parameters
- * Help Codes
- * BEFORE, AT, AFTER

PARAMETERS

Teller Transaction Validation Paramet  			
Teller Transaction Validation Parameters			
  			
After:	No	After:	No
<u>Help Code 12214 Payment/Cash Adv/Purcha:</u>		<u>Help Code 12328 Validate the check?</u>	
Before:	Yes	Before:	No
At:	Yes	At:	No
After:	Yes	After:	No
<u>Help Code 12215 Late charge:</u>		<u>Help Code 12329 Shortname:</u>	
Before:	Yes	Before:	No
At:	Yes	At:	No
After:	Yes	After:	No
<u>Help Code 12216 Principal:</u>		<u>Help Code 12330 Print balance on receipt:</u>	
Before:	Yes	Before:	No
At:	Yes	At:	No
After:	Yes	After:	No
<u>Help Code 12217 Additional amount:</u>		<u>Help Code 12331 Receipt balance printin:</u>	
Before:	No	Before:	No
At:	No	At:	No
After:	No	After:	No
<u>Help Code 12218 Check received:</u>		<u>Help Code 12332 Do you wish to overdraw:</u>	
Before:	No	Before:	No
At:	No	At:	No
After:	No	After:	No
<u>Help Code 12219 Check hold:</u>		<u>Help Code 12333 Clear another On Us:</u>	
Before:	No	Before:	No
At:	No	At:	No

VALIDATE.TELLERTRAN

- * Single Specfile
- * Validation token
- * Persistent memory
- * Messages, Error Conditions, Overrides
POPUPMESSAGE
@VALIDATEERROR
@VALIDATESECURITYCODE

Validation Variables

- * @VALIDATEHELPCODE

- * Unique helpcode identifying this prompt

- * @VALIDATETRANCODE

- * Two digit teller transaction code for this transaction

- * @VALIDATETRANCODESTATE

- * BEFORE, AT and AFTER

- * REPEAT and USEASDEFAULT

Validation Variables

- * @VALIDATETRANSOURCECODE

- * Source of funds (C, K, E,)

- * @VALIDATETRANBALANCE

- * Current cumulative transaction balance

- * @VALIDATETRANAMOUNT

- * Last transaction amount

Validation Variables

- * @VALIDATESLID

- * Share or Loan ID associated with this transaction

- * @VALIDATESLIDTYPE

- * (o) Share or (l) Loan

Validation Variables

- * @VALIDATECHARACTERINPUT
- * @VALIDATEMONEYINPUT
- * @VALIDATEDATEINPUT
- * @VALIDATERATEINPUT
- * @VALIDATENUMBERINPUT
- * @VALIDATECODEINPUT

Validation Variables

- * BOOLEAN FLAG VARIABLES???
- * @VALIDATEONACCOUNT
- * @VALIDATETRANADJUSTMENT
- * @VALIDATETRANTRANSFER

Default Data

```
IF @VALIDATETRANCODESTATE="BEFORE" THEN  
DO  
    @VALIDATEMONEYINPUT=$222.00  
    @VALIDATETRANCODESTATE="USEASDEFAULT"  
END
```

Re-prompting

```
IF @VALIDATEHELPCODE=[Money Prompt] THEN  
  
  IF @VALIDATETRANCODESTATE= "AT" AND  
    @VALIDATEMONEYINPUT>$500.00  
  DO  
    [@VALIDATEERROR="Must be less than $500") ]  
    POPUPMESSAGE(o,"Must be less than $500")  
    @VALIDATETRANCODESTATE="REPEAT"  
  END
```

Gather and Display

- * Popupmessage
- * HTMLView
- * Symform and Symform Dialog
- * Dynamic Dialog
- * Winmodetext

Terminating a Transaction

```
HTMLVIEWOPEN(0)
HTMLVIEWLINE(" <html>")
HTMLVIEWLINE("<META NAME='SYMITAR_GREEN_ARROW' VALUE='DISABLE_GREEN_ARROW'>")
HTMLVIEWLINE(" <body>")
HTMLVIEWLINE(" <center>")
HTMLVIEWLINE("<p><b>You Need To Charge the $20.00 Early Withdrawal Fee</b></p>")
HTMLVIEWLINE("</body>")
HTMLVIEWLINE("</html>")
HTMLVIEWDISPLAY
```

Can't

- * No FMPERFORM
- * No TRANPERFORM

Debug Code

```
VALIDATION WINDOWS  
TARGET = ACCOUNT
```

```
DEFINE  
  #INCLUDE "CUTTEK.VALIDATE.TTDEBUG.DEF"  
END
```

```
SETUP  
  DISPLAYTABLE = FALSE [TRUE]  
  IF DISPLAYTABLE=TRUE THEN  
  DO  
    CALL LOADDEBUGVARIABLES  
    IF INDEX= 2 THEN  
    DO  
      CALL DISPLAYDEBUGTABLE  
      CALL CLEARVARIABLES  
    END  
  END  
END  
END
```

```
PRINT TITLE = "VALIDATE.TELLERTRAN"  
  SUPPRESSNEWLINE  
END  
#INCLUDE "CUTTEK.VALIDATE.TTDEBUG.PRO"
```

Debug Tran Validation

HTML Validate Tellertran

Variable	Before	At	After
HELPCODE	012214	012214	012214
Tran Source			
Tran Code	LP	LP	LP
SLID	Loan 01	Loan 01	Loan 01
BAL	70.00	70.00	70.00
TRANAMT	0.00	0.00	0.00
EFF DATE	04/30/08	04/30/08	04/30/08
SEC CODE	0001	0001	0001
CHR INPUT	000	000	000
DATE INPUT	--/--/--	--/--/--	--/--/--
Rate INPUT	0.000	0.000	0.000
Money INPUT	0.00	70.00	70.00
NUM INPUT	0	0	0
CODE INPUT	0	0	0
ON ADJ X	1 0 1	1 0 1	1 0 1

User Tracking

- * Additional Privileges
- * Authorization Limits
- * ??? Incentive tracking ????

Syntax for User

READING

```
FOR USER WITH NUMBER FORMAT("9999",SYSUSERNUMBER)
DO
  FOR EACH USER TRACKING WITH (USER TRACKING:TYPE=30)
  DO
    LENDINGLIMIT=USER TRACKING:USERAMOUNTi
  END UNTIL USER TRACKING:TYPE=30
END
```

WRITING

```
FMPERFORM REVISE TARGETFILE USER ##### TRACKING LOC # (0,0,ERROR)
DO
  SET USERAMOUNTi TO $10,000.00
END
```

QUESTIONS?