

NOFILE Enquiries in T24

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After completing this learning unit/course, you will be able to:

- Understand the need for Nofile Enquiries
- Create Nofile Enquiries in T24
- Execute a Nofile enquiry

- An **ENQUIRY** is used to extract data from an application
- **ENQUIRY** can also be used to extract data by linking multiple applications

Results 115 - 133 of 1434



ID	CUSTOMER	CATEGORY	CURRENCY	WORKING BALANCE
13463	SEARS ROEBUCK	Current Account	USD	
13487	SEARS ROEBUCK	Current Account	EUR	
13498	SEARS ROEBUCK	Current Account	GBP	
13568	COMPAQ COMPUTER	Current Account	USD	
13579	COMPAQ COMPUTER	Current Account	CHF	
13587	COMPAQ COMPUTER	Current Account	EUR	
13595	COMPAQ COMPUTER	Current Account	GBP	
13609	COMPAQ COMPUTER	Current Account	JPY	
13617	EXXON	Current Account	USD	
13633	EXXON	Current Account	EUR	
13641	EXXON	Current Account	GBP	
13668	TIMES MIRROR	Current Account	USD	
13684	TIMES MIRROR	Current Account	EUR	
13692	TIMES MIRROR	Current Account	GBP	
13765	TURNER CORP	Current Account	USD	

Field Name.2	CUSTOMER
Operation.2.1	CUSTOMER
Column.2	20
Length Mask.2	10R
Conversion.2.1	L CUSTOMER,SHORT.NAME
Single Multi.2	S
Field Name.3	CATEGORY
Operation.3.1	CATEGORY
Column.3	45
Length Mask.3	6R
Conversion.3.1	L CATEGORY,DESCRIPTION
Single Multi.3	S

- What if there are multiple files involved in creation of an enquiry?
- What if the record ID of another application is not part of the base application?
- This can be achieved using Nofile enquiries

- Since more than one file might be required to extract data from, it is a Nofile enquiry
- Nofile enquiry can extract data from any number of T24 applications
- Subroutine to extract all the data required
- **ENQUIRY** application is used to display extracted data

Results 1 - 7 of 7

**20100105****INPUTTER****111569 REENA**

ACCOUNT	CURRENCY	DEBIT.AMT	CREDIT.AMT	DEBIT.INT	CREDIT.INT
1000005165	USD	0.00	0.00	0.00	0.00
1000005173	USD	0.00	3,000.00	0.00	0.00
1000005211	USD	0.00	6,000.00	0.00	0.00
1000005246	USD	-4,000.00	16,185.23	0.00	0.00
1000005367	USD	0.00	0.00	0.00	0.00
1000005378	USD	-6,000.00	0.00	0.00	0.00
1000005448	USD	-3,000.00	4,000.00	0.00	0.00

- For a given Customer – All ACCOUNTS

CUSTOMER.ACCOUNT

- For each Account

ACCOUNT

- Currency

- Forward Debits

ACCT.ENT.FWD -> STMT.ENTRY

- Forward Credits








ACCT.ENT.FWD -> STMT.ENTRY

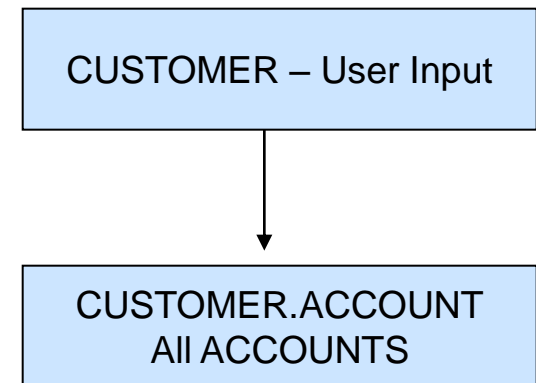
- Accrued Interest Liability

ACCR.ACCT.DR

- Accrued Interest Receivable

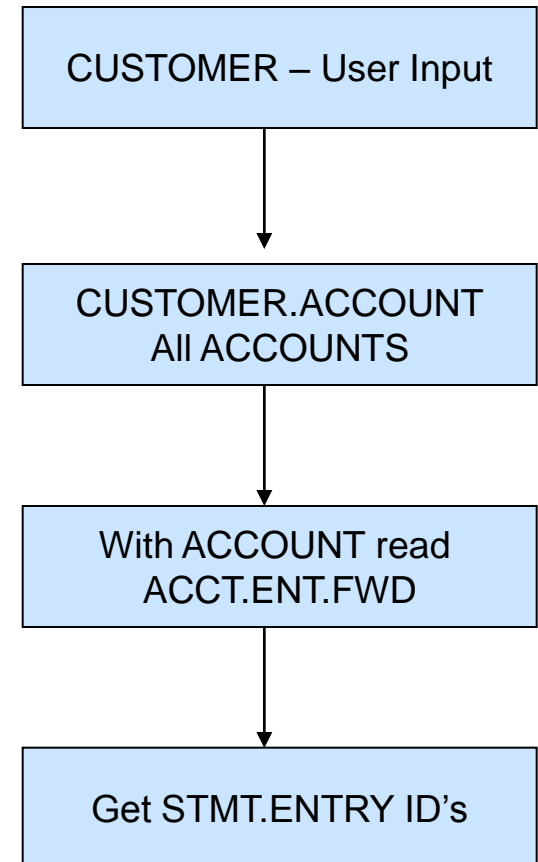
ACCR.ACCT.CR



CUSTOMER.ACCOUNT		111569	REENA
Account Number		1000005165	REENA
Account Number		1000005173	REENA
Account Number		1000005211	REENA
Account Number		1000005246	REENA
Account Number		1000005367	REENA
Account Number		1000005378	REENA
Account Number		1000005448	REENA

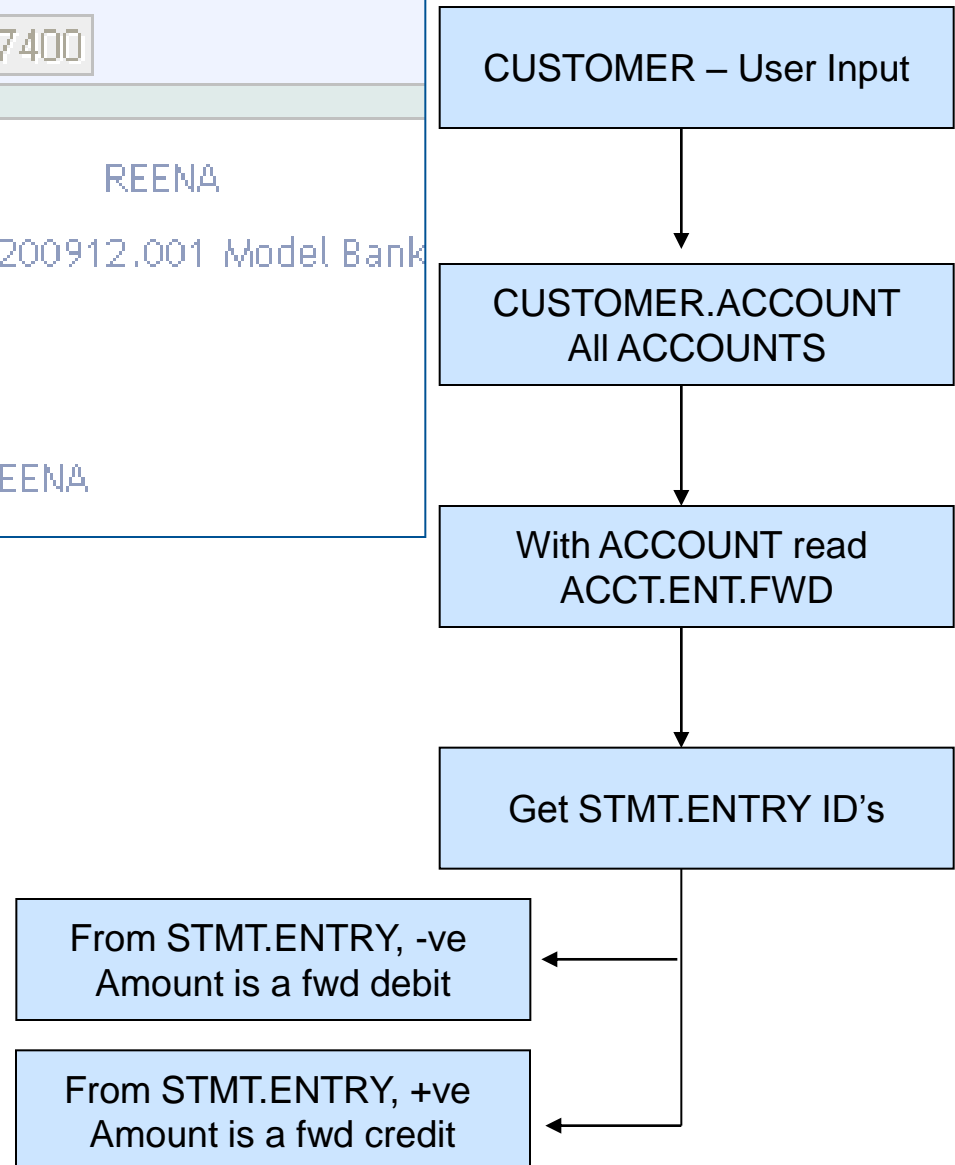


ACCT.ENT.FWD - Default List

Id	Stmt entry
 1000005173	F20100129.15391090043597400
 1000005211	F20100128.15391090043614400
 1000005246	F20110105.15388036393160200
 1000005378	F20100128.15391090043614401
 1000005448	F20100129.15391090043597401
 22241	F20110114.15389048941934300



STMT.ENTRY		F20100129.15391090043597400
Account Number	 1000005173	REENA
Company Code	GB-001-0001	200912.001 Model Bank
Amount Lcy	3,000.00	
Transaction Code	213	Transfer
Customer Id	 111569	REENA

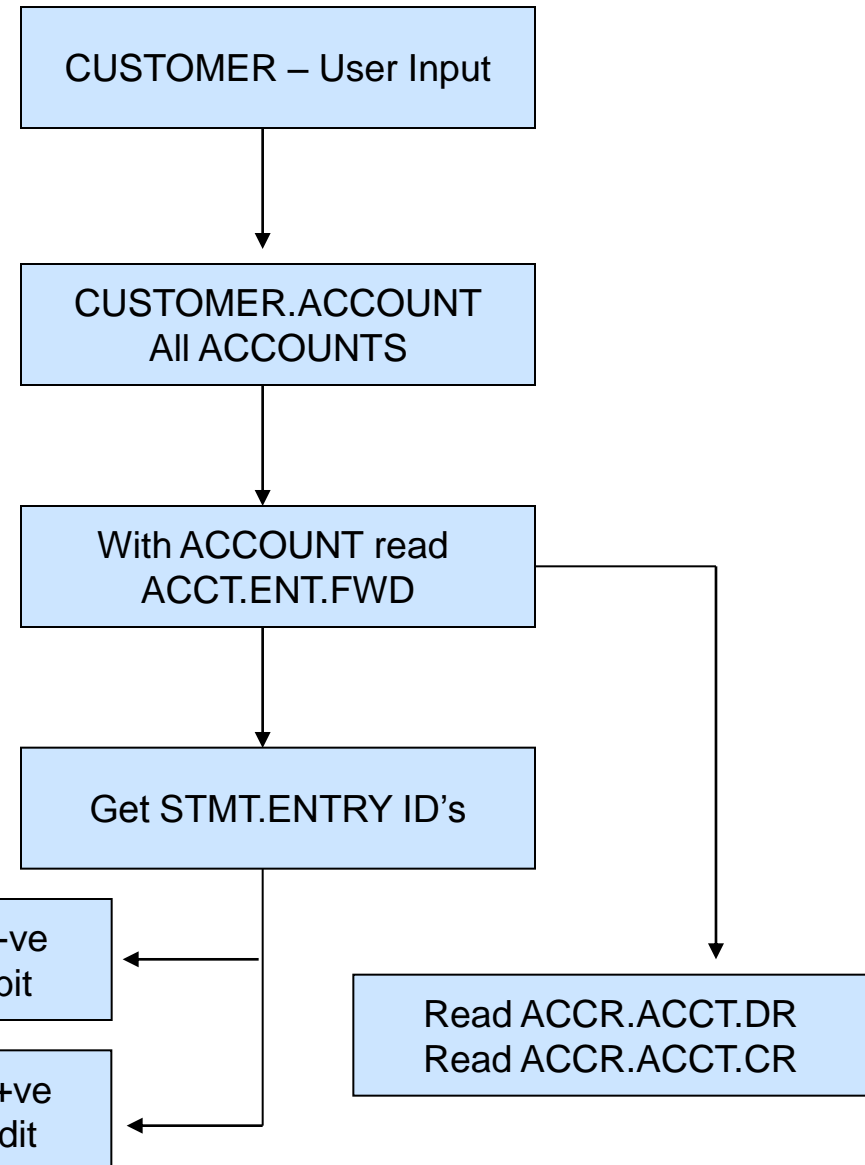


ACCR.ACCT.DR

Dr Int Tr Pl	<input type="text" value="390"/>	Debit Interest Re
Total Interest	<input type="text" value="214,254.53"/>	
GRAND.TOTAL	<input type="text" value="214,254.53"/>	
Liquidity Ccy	 <input type="text" value="USD"/>	US Dollar
Int Post Date	<input type="text" value="10 JAN 2008"/>	

ACCR.ACCT.CR

RECORD MISSING



- User inputs a **CUSTOMER ID**
- Opens the respective record in **CUSTOMER.ACCOUNT** application
- Loop for each account and open **ACCT.ENT.FWD** to get the **STMT.ENTRY** IDs
- Pick up the value in the field **AMOUNT.LCY** from **STMT.ENTRY** application

- Read **ACCR.ACCT.DR** and **ACCR.ACCT.CR** and pick up value from the field TOTAL.INTEREST
- Store data before repeating the loop for next account
- The subroutine must contain a 'return' variable to pass the data to **ENQUIRY** application

- To access the customer number input by the user, use the common variables in I_ENQUIRY.COMMON
 - D.FIELDS – For fields available in the selection criteria window
 - D.LOGICAL.OPERANDS – Operands entered
 - D.RANGE.AND.VALUE – Value entered by user
- All these common variables are dynamic arrays

FIELD.NAME	OPERAND	VALUE
CUSTOMER.ID	EQ	1234

D.FIELDS<1> = CUSTOMER.ID

D.LOGICAL.OPERANDS<1> = EQ

D.RANGE.AND.VALUE<1> = 1234


```
*SUBROUTINE TO WRITE A NOFILE ENQUIRY  
  
SUBROUTINE TEST.NOFILE (AC.DETAILS)  
  
$INSERT I_COMMON  
  
$INSERT I_EQUATE  
  
$INSERT I_F.CUSTOMER.ACCOUNT  
  
$INSERT I_F.STMT.ENTRY  
  
$INSERT I_F.ACCR.ACCT.CR  
  
$INSERT I_F.ACCR.ACCT.DR  
  
$INSERT I_ENQUIRY.COMMON  
  
GOSUB INIT  
  
GOSUB OPENFILES  
  
GOSUB PROCESS  
  
RETURN
```

INIT:

NO.OF.REC = ''

SEL.LIST = ''

AC.ID = ''

DR.AMT = ''

CR.AMT = ''

CR.INT = ''

DR.INT = ''

AC.DETAILS = ''

ST.ID = ''

R.FWD = ''

R.ST = ''

FWD.POS = ''

C.ID = ''

AC.ID = ''

RETURN

OPENFILES:

FN.CA = 'F.CUSTOMER.ACCOUNT'

F.CA = ''

CALL OPF(FN.CA,F.CA)

FN.FWD = 'F.ACCT.ENT.FWD'

F.FWD = ''

CALL OPF(FN.FWD,F.FWD)

FN.ST = 'F.STMT.ENTRY'

F.ST = ''

CALL OPF(FN.ST,F.ST)

```
FN.INT.CR = 'F.ACCR.ACCT.CR'
```

```
F.INT.CR = ''
```

```
CALL OPF(FN.INT.CR,F.INT.CR)
```

```
FN.INT.DR = 'F.ACCR.ACCT.DR'
```

```
F.INT.DR = ''
```

```
CALL OPF(FN.INT.DR,F.INT.DR)
```

```
RETURN
```

```
PROCESS:
```

```
LOCATE "CUSTOMER.NO" IN D.FIELDS<1> SETTING CUS.POS THEN
```

```
    CUSTOMER.NO = D.RANGE.AND.VALUE<CUS.POS>
```

```
END
```

```
CALL F.READ(FN.CA,CUSTOMER.NO,R.CA,F.CA,CA.ERR)
```

```
NO.OF.AC = DCOUNT(R.CA,FM)
```

```
NO.OF.AC = DCOUNT(R.CA,FM)

FOR I = 1 TO NO.OF.AC

    AC.ID = FIELD(R.CA,@FM,I)

    CR.AMT = 0.0; DR.AMT = 0.0; CR.INT = 0.0; DR.INT = 0.0

    CALL F.READ(FN.FWD,AC.ID,R.FWD,F.FWD,FWD.ERR)

    LOOP

        REMOVE ST.ID FROM R.FWD SETTING FWD.POS

    WHILE ST.ID:FWD.POS

        CALL F.READ(FN.ST,ST.ID,R.ST,F.ST,ST.ERR)

        STMT.AMOUNT = R.ST<AC.STE.AMOUNT.LCY>

        IF STMT.AMOUNT LT 0 THEN

            DR.AMT = DR.AMT + STMT.AMOUNT
```

```
END ELSE

        CR.AMT = CR.AMT + STMT.AMOUNT

END

REPEAT

    CALL F.READ(FN.INT.CR,AC.ID,R.AC.CR.REC,F.INT.CR,ACCT.CR.ERR)

    CR.INT = R.AC.CR.REC<IC.ACR.CR.TOTAL.INTEREST>

    CALL F.READ(FN.INT.DR,AC.ID,R.AC.DR.REC,F.INT.DR,ACCT.DR.ERR)

    DR.INT = R.AC.DR.REC<IC.ACR.DR.TOTAL.INTEREST>

    AC.DETAILS<-1> =
AC.ID:"*":DR.AMT:"*":CR.AMT:"*":DR.INT:"*":CR.INT

NEXT I

RETURN
```

```
jBASE debugger->V AC.DETAILS
```

```
  AC.DETAILS                : 10693*0**214254.53*^10707*0***^10715*0***^10723*0*  
**^10731*0**7913*^15997*0***133.27^16012*0***^19917*0**2423.62*^19933*0***^20478  
*0***^20486*0***^20494*0***^36471*0***^36587*0***
```

ENQUIRY, NOFILE.TRG

✖ FILE.NAME INVALID FILE NAME ENTERED

Page Size	*	5,20
File Name	⇒ *	TEST.NOFILE
Fixed Selection.1	+	TRG
Fixed Sort.1	+	
Open Bracket.1	+	▼
Selection Flds.1		
GB Sel Label.1	➤	
Sel Fld Oper.1		EQ
Required Sel.1		Y ▼
Close Bracket.1		▼
Rel Next Field.1		▼

- A valid application name should be given in the field FILE.NAME which is checked against **STANDARD.SELECTION (SS)** application
- A NOFILE enquiry does not have a single associated file
- Create a dummy record in **STANDARD.SELECTION** application

- Can you create a record with any ID of your choice in **SS**?
- Checks for a valid **FILE.CONTROL** entry with the same ID
- What could be the way out to overcome these validations in case of a Nofile enquiry?

- ID of the record in SS should be prefixed with 'NOFILE.'
- Does not check for any entries in other applications
- Syntax for the ID in SS is NOFILE.<VALIDTEXT>
- This ID should be given in the field FILE.NAME in the **ENQUIRY** application

STANDARD.SELECTION	
NOFILE.TEST	
Usr Field Name.1	TRG
Usr Type.1	R
Usr Field No.1.1	TEST.NOFILE
Usr Display Fmt.1	100L
Usr Single Mult.1	S
Usr Field Name.2	CUSTOMER.NO
Usr Type.2	S
Usr Display Fmt.2	10L
Usr Single Mult.2	S
Curr No	1

ENQUIRY, NOFILE.TRG1	
Page Size	5,20
File Name	⇒ NOFILE.TEST
Fixed Selection.1	TRG
Selection Flds.1	CUSTOMER.NO
Sel Fld Oper.1	EQ
Required Sel.1	Y
Field Name.1	DATE
Operation.1.1	!TODAY
Column.1	8,2
Length Mask.1	15L
Section.1	HEADER


ENQUIRY, NOFILE,TRG1	
Field Name.2	USER
Operation.2.1	!USER
Column.2	20,3
Length Mask.2	20L
Conversion.2.1	L USER,USER.NAME
TYPE.2	L
Section.2	HEADER
Field Name.3	CUSTOMER.NO
Operation.3.1	SELECTION CUSTOMER.NO
Column.3	20,4
Length Mask.3	10L
TYPE.3	L
Section.3	HEADER


ENQUIRY NOFILE.TRG	
Field Name.4	CUST.NAME
Operation.4.1	F CUSTOMER.NO
Column.4	40,4
Conversion.4.1	L CUSTOMER,SHORT.NAME
Section.4	HEADER
Field Name.5	ACCOUNT
Operation.5.1	0
Column.5	1
Conversion.5.1	F *,1,1
Field Name.6	CURRENCY
Operation.6.1	F ACCOUNT
Column.6	12
Conversion.6.1	L ACCOUNT,CURRENCY


ENQUIRY NOFILE.TRG	
Field Name.7	DEBIT.AMT
Operation.7.1	0
Column.7	19
Length Mask.7	12R,2
Conversion.7.1	F *,2,1
Field Name.8	CREDIT.AMT
Operation.8.1	0
Column.8	30
Length Mask.8	12R,2
Conversion.8.1	F *,3,1



ENQUIRY NOFILE.TRG	
Field Name.9	DEBIT.INT
Operation.9.1	0
Column.9	45
Length Mask.9	12R,2
Conversion.9.1	F *,4,1
Field Name.10	CREDIT.INT
Operation.10.1	0
Column.10	55
Length Mask.10	12R,2
Conversion.10.1	F *,5,1

INPUTTER Last signed on 18 FEB 2010 at 04:46 with 0 attempt(s) [Help](#) [Tools](#) [Sign Off](#)

ENQ NOFILE.TRG 

 NOFILE.TRG - Microsoft Internet Explorer

Favourites 

NOFILE.TRG		more options	Find
		clear selection	
CUSTOMER.NO	equals	 100283	
NO.SORT.OPTION	equals 		
NOFILE.TRG			

Results 1 - 7 of 7     

20100105

INPUTTER

111569 REENA

ACCOUNT	CURRENCY	DEBIT.AMT	CREDIT.AMT	DEBIT.INT	CREDIT.INT
1000005165	USD	0.00	0.00	0.00	0.00
1000005173	USD	0.00	3,000.00	0.00	0.00
1000005211	USD	0.00	6,000.00	0.00	0.00
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1000005367	USD	0.00	0.00	0.00	0.00
1000005378	USD	-6,000.00	0.00	0.00	0.00
1000005448	USD	-3,000.00	4,000.00	0.00	0.00

- QUIZ

- The routine must have one return variable
- Any delimiter (instead of ‘*’) can be used in the routine
- Data in the routine must be accumulated row-wise
- FM must be the separator in the return variable
- The routine should return the list of IDs to the **ENQUIRY** application
- Operation must be 0 while extracting values from a list returned by a subroutine
- Use the FIELD conversion utility to extract values

In this learning unit/course, you learnt about the NOFILE ENQUIRIES in T24

You will now be able to:

- Create Nofile Enquiries in T24
- Execute a Nofile enquiry

Thank You

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