



# HORIZONT

XINFO – Scanner z/OS - CICS

# What is this presentation about?

This PowerPoint gives you a short overview about XINFO and how to use it.

At some slides this button can be used to jump to specific slides in this presentation.

e.g. jump to slide Agenda

Click on this symbol to jump to the overview slide

# AGENDA

**XINFO – Scanner z/OS -  
CICS**

XINFO and CICS

Transactions

Programs

Files

Information without XINFO

Information with XINFO

XINFO's CICS scanner analyzes the CSD file:

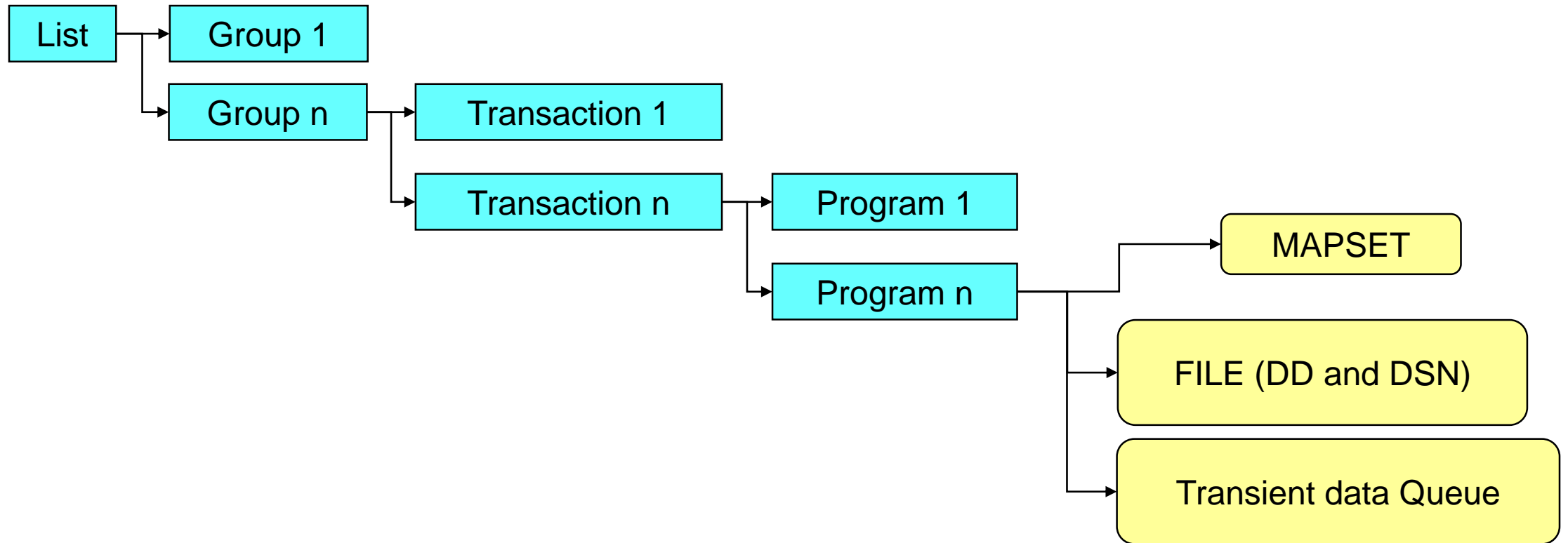
- Complete overview about all CSD data
- Complete Cross Reference, e.g.
  - Batch and CICS
  - COBOL and CICS
  - PL/1 and CICS

# Why analyzing the CSD file?

- “Normal” IT personal like production planners have no detailed knowledge about internal structures of CICS
- “Normal” IT personal like operators have no access to CICS data
- A standard “Cross Reference” for CICS does not exist
- Typical questions like “which CICS programs are currently using file A.B.C” cannot be answered easily

# XINFO and CICS

The Structure of XINFO's CICS Implementation:



## Some examples:

- Which programs belong to which transactions?
- Which programs are running below the 16M line?
- Which programs are running in a remote CICS?
- Which files are password protected?
- Which files are still BDAM?
- Which program use key=CICS?
- Which “TDQUEUE” is used in a remote CICS?
- Which DB2 subsystems are used?
- Which DB2 plans are used?
- Which TCP/IP services are using which ports?
- ...

# CICS - Displays

The screenshot shows the XINFO PC Client application window. The title bar reads "XINFO PC Client". The menu bar includes "File", "Home", "Table", "Netplan", "Barchart", "Chart", "Script", and "View". The toolbar contains icons for "Logon", "Logoff", "SQL", "Options", "Help", "About", "Home", and "Note". The main workspace is divided into a "Workspace Tree" on the left and a large empty area on the right. The "Workspace Tree" is highlighted with a red rounded rectangle and contains a list of 37 predefined queries, each with a small grid icon to its left. A dark blue callout box with a white border points to the list, containing the text "The displays for CICS ... (37 predefined queries!)". The status bar at the bottom indicates "Connected as: P392E, file: XX40T#25".

File Home Table Netplan Barchart Chart Script View

Logon Logoff SQL Options Help About Home Note

Workspace Tree

- DB2 Transaction Info
- Journal Model Info
- TS Model Info
- Doctemplate Info
- Enqueue Model Info
- Process Type Info
- Request Model Info
- TCPIP Service Info
- CorbaServer Info
- Deployed JAR Info
- Pipeline Info
- Uri Map Info
- Web Service Info
- IP Connection Info
- Library Info
- Atom Service Info
- Bundle Info
- JVM Server Info
- MQ Connection Info

The displays for CICS ...  
(37 predefined queries!)

Workspa... Workspa... Favourites Shortcuts

Connected as: P392E, file: XX40T#25



# CICS - Transactions

The screenshot shows the XINFO PC Client interface. The title bar reads 'XINFO PC Client'. The menu bar includes 'File', 'Home', 'Table', 'Netplan', 'Barchart', 'Chart', 'Script', and 'View'. Below the menu bar is a toolbar with icons for Logon, Logoff, SQL, Options, Help, About, Home, and Note. The main area is divided into a 'Workspace Tree' on the left and a main workspace on the right. The 'Workspace Tree' shows a hierarchy: DB2 > CICS > Transaction Info (highlighted). Other items in the tree include CICS-JCL Common Dataset, General Info Group, Program Info, Dataset Info, Mapset Info, Terminal Info, Connection Info, Profile Info, Session Info, Typeterm Info, Lsrpool Info, Tranclass Info, Partitionset Info, Partner Info, TDqueue Info, and DB2 Connection Info. A dark blue callout box with white text asks 'Which programs belong to a transaction?'. Another dark blue callout box with white text points to the 'Transaction Info' item and says '1. Select "Transaction Info"'. The status bar at the bottom indicates 'Connected as: P392E, file: XX40T#25'.

Which programs belong to a transaction?

1. Select "Transaction Info"

# CICS - Transactions

CICS - Transaction Info

CICS	=	
LIST	=	
GROUP	=	
Transaction Name	=	AC03
Description	=	
Program Name	=	
Size of the TWA	=	
Profile Name	=	
Partitionset Name	=	
Status	=	
Location of Storage	=	
Storage Key	=	
Storage Clear	=	
Amount of Time	=	
Run during CicsShuT	=	

2. Specify transaction

Isolate Storage	=	
Bridge Exit	=	
Dynamically Routed	=	
Enhanced routing	=	
Connection Name	=	
Tran Name in Remote	=	
PROF Name for SESS	=	
Local Queuing	=	
TRAN Priority	=	
TRAN Class	=	
TRAN Alias Name	=	
Mode of Initiation	=	
TRAN Name in Hexa	=	
TRAN Name for APPC	=	
Alternative TPNAME	=	
Deadlock Time-Out	=	
Restart Facility	=	
Custom Parameters	=	

OK Actions Cancel

# CICS - Transactions

Double left mouse click on the record ...

CICS	GROUP	Tran	Description	Program	TWAsz	Profile	Part_set	Status	DATAloc	DATAkey	Stor	Runaway	Shutdown	Iso	Br_Exit	Dyn	Rout	RemS	RemotNam	PROF
TS53	DFH\$ACCT	AC03		ACCT03	0	DFHCICST		ENABLED	BELOW	USER	NO	SYSTEM	DISABLED	YES		NO	NO			
TS52	DFH\$ACCT	AC03		ACCT03	0	DFHCICST		ENABLED	BELOW	USER	NO	SYSTEM	DISABLED	YES		NO	NO			
TS51	DFH\$ACCT	AC03		ACCT03	0	DFHCICST		ENABLED	BELOW	USER	NO	SYSTEM	DISABLED	YES		NO	NO			

These programs belong to transaction AC03

Connected as: P392E, file: XX40T#25

Lines: 3

# CICS - Transactions

The screenshot displays the CICS Transaction Explorer interface. On the left, the 'CICS - Transaction Info' table lists transactions TS53, TS52, and TS51, all associated with the group DFH\$ACCT. The 'Details' window is open for transaction TS51, showing a list of parameters and their values. A callout bubble points to the 'Details' window with the text '... to view the Details'.

Name	Value
Connection Name	
Tran Name in Remote	
PROF Name for SESS	
Local Queuing	
TRAN Priority	1
TRAN Class	DFHTCL00
TRAN Alias Name	
Mode of Initiation	
TRAN Name in Hexa	
TRAN Name for APPC	
Alternative TPNAME	
Deadlock Time-Out	10
Restart Facility	NO
System Purgeable	YES
Purge on TERM error	YES
TRAN Dump	YES
Trace on Abend	YES
Confidential Data	NO
Timeout for OTS	NO
Action when failure	BACKOUT
In-Doubt Time	YES
Wait Time	0,0,0
Security Checking	NO
Security on Command	NO
Define Timestamp	26.09.2014,04:42:31
Change Timestamp	26.09.2014,04:42:31
UsrID Change	IBMUSER
Agent Change	CSDBATCH
Release Change	0680

... to view the Details

# CICS – Transactions and programs

The screenshot shows the XINFO PC Client interface for CICS Transaction Information. The main window displays a table with columns for CICS, LIST, GROUP, Tran, Description, Program, TWAz, Profile, Part\_set, Status, DATAloc, DATAkey, Stor, Runaway, Shutdown, Iso, Br\_Exit, Dyn, Rout, RemS, RemotNam, and PROF. The table contains three rows of data for transactions TS53, TS52, and TS51.

A context menu is open over the 'CICS' column of the first row (TS53). The menu items are: Connection Info, CICS Information, Partitionset Info, Profile Info, Program Info (highlighted), Transaction Class, Transaction Info/Group, Transaction Info/List, and Transaction Info/Tran.

A callout box with a pointer to the 'Program Info' menu item contains the text: "Use the right mouse to op up the CICS menu, then select „Program Information“".

CICS	LIST	GROUP	Tran	Description	Program	TWAz	Profile	Part_set	Status	DATAloc	DATAkey	Stor	Runaway	Shutdown	Iso	Br_Exit	Dyn	Rout	RemS	RemotNam	PROF	
TS53		DFH\$ACCT	ACCT03	ACCT03		0	DFHCICST		ENABLED	BELOW	USER	NO	SYSTEM	DISABLED	YES		NO	NO				
TS52						0	DFHCICST		ENABLED	BELOW	USER	NO	SYSTEM	DISABLED	YES		NO	NO				
TS51		DFH\$A				0	DFHCICST		ENABLED	BELOW	USER	NO	SYSTEM	DISABLED	YES		NO	NO				

Connected as: P392E, file: XX40T#25

Lines: 3

# CICS – Transactions and programs

XINFO PC Client - CICS - Program Info

File Home Table Netplan Barchart Chart Script View

Copy Select All Toggle Selection Edit Customize Use Default Use Custom Table Layout Group Statistics All Table Functions Show SQL Inverse Filter Tools New Library Explorer Chart

CICS - Transaction Info CICS - Program Info

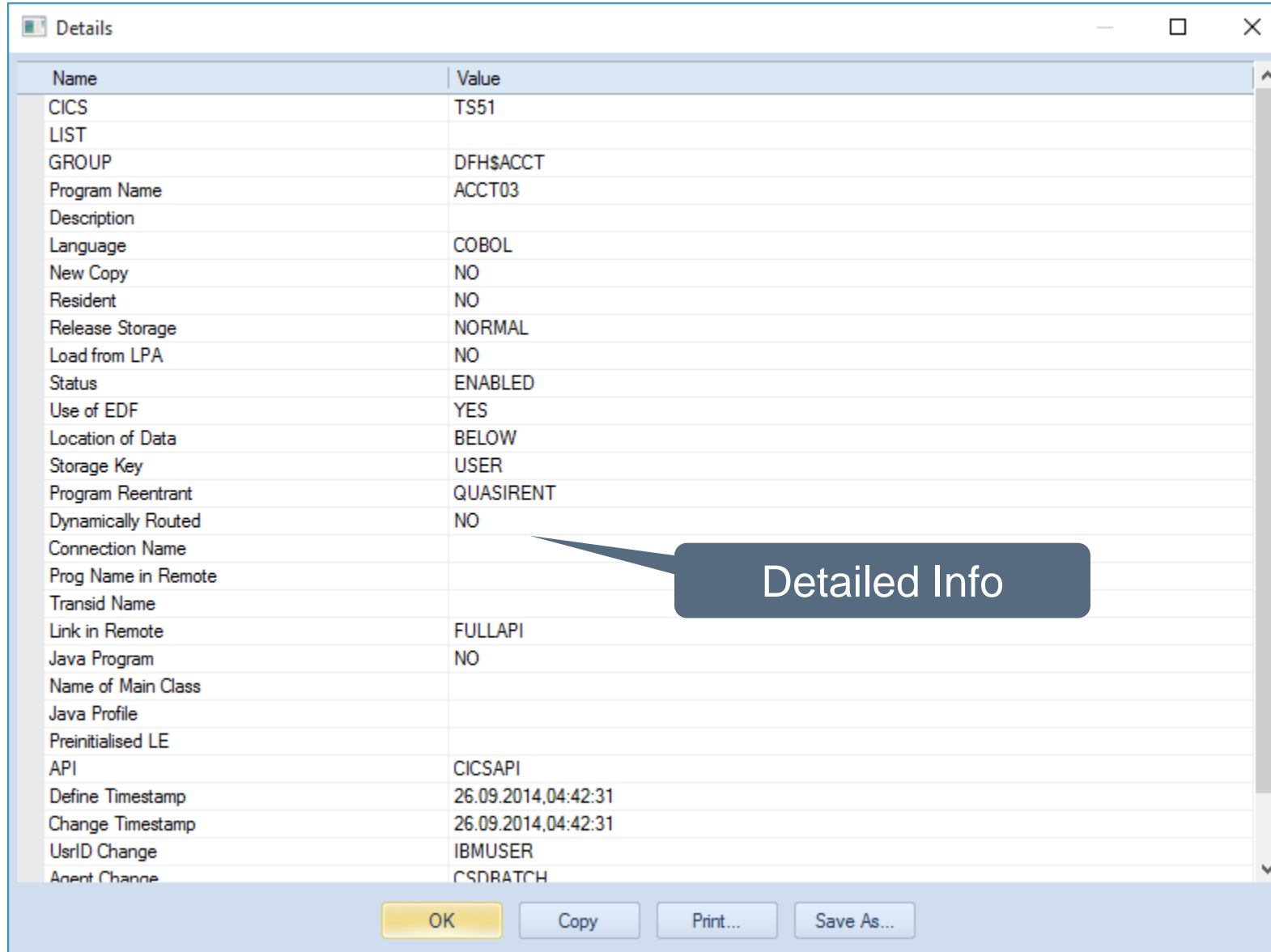
CICS	LIST	GROUP	Program	Description	Language	New	Res	Usage	LPA	Status	EDF	DataL	Key	Concurrenc	Dyn	RmtS	Rmt Name	TrId	Exec Set	JVM	Name of Java Main
<all>	<...>	<all>	<all>	<all>	<all>	<...>	<...>	<all>	<...>	<all>	<...>	<all>	<...>	<all>	<...>	<...>	<all>	<...>	<all>	<...>	<all>
TS53		DFH\$ACCT	ACCT03		COBOL	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO				FULLAPI	NO	
TS52		DFH\$ACCT	ACCT03		COBOL	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO				FULLAPI	NO	
TS51		DFH\$ACCT	ACCT03		COBOL	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO				FULLAPI	NO	

Double left mouse click to view the details

Connected as: P392E, file: XX40T#25

Lines: 3

# CICS – Transactions and programs



Name	Value
CICS	TS51
LIST	
GROUP	DFH\$ACCT
Program Name	ACCT03
Description	
Language	COBOL
New Copy	NO
Resident	NO
Release Storage	NORMAL
Load from LPA	NO
Status	ENABLED
Use of EDF	YES
Location of Data	BELOW
Storage Key	USER
Program Reentrant	QUASIRENT
Dynamically Routed	NO
Connection Name	
Prog Name in Remote	
Transid Name	
Link in Remote	FULLAPI
Java Program	NO
Name of Main Class	
Java Profile	
Preinitialised LE	
API	CICSAPI
Define Timestamp	26.09.2014,04:42:31
Change Timestamp	26.09.2014,04:42:31
UsrID Change	IBMUSER
Agent Change	CSDRATCH

Detailed Info

OK Copy Print... Save As...

# CICS – Programs

The screenshot shows the XINFO PC Client interface. The title bar reads 'XINFO PC Client'. The menu bar includes 'File', 'Home', 'Table', 'Netplan', 'Barchart', 'Chart', 'Script', and 'View'. The ribbon contains various tool groups: 'Edit' (Copy, Select All, Toggle Selection), 'Table Layout' (Customize, Use Default, Use Custom), 'Table Functions' (Group, Statistics, All), 'Tools' (Show SQL, Inverse Filter), and 'Chart' (New, Library, Explorer). On the left, the 'Workspace Tree' is expanded to show a folder named 'CICS'. Under 'CICS', several items are listed, with 'Program Info' highlighted in yellow. A callout box points to 'Program Info' with the text '1. Select Program Info'. At the bottom of the window, it says 'Connected as: P392E, file: XX40T#25'. A dark blue callout box in the upper right corner contains the text: 'Which PL1 or COBOL programs are running below the 16M line?'.

Which PL1 or COBOL programs are running below the 16M line?

1. Select Program Info



# CICS – Programs

CICS - Program Info

2. Left click on "Language" to get more fields

3. Specify language

CICS	=		
LIST	=		
GROUP	=		
Program Name	=		
Description	=		
Language	=	COBOL	OR
	=	PLI	
New Copy	=		
Resident	=		
Release Storage	=		
Load from LPA	=		
Status	=		
Use of EDF	=		
Location of Data	=	BELOW	
Storage Key	=		

Program Reentrant	=		
Dynamically Routed	=		
Connection Name	=		
Prog Name in Remote	=		
Transid Name	=		
Link in Remote	=		
Java Program	=		
Name of Main Class	=		
Preinitialised LE	=		
API	=		
Define Timestamp	=		DD.MM.YYYY,HH:MM:SS
Change Timestamp	=		DD.MM.YYYY,HH:MM:SS
UsrID Change	=		
Agent Change	=		
Release Change	=		
Name of JVM Server	=		

OK Actions Cancel

# CICS – Programs

XINFO PC Client - CICS - Program Info

File Home Table Netplan Barchart Chart Script View Style

CICS - Program Info

CICS	LIST	GROUP	Program	Description	Language	New	Res	Usage	LPA	Status	EDF	DataL	Key	Concurrenc	Dyn	RmtS
<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>
TS51		DFH\$DB2	DSN8CP1		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$DB2	DSN8CP2		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$DB2	DSN8CP3		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$DB2	DSN8CP6		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$DB2	DSN8CP7		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$DB2	DSN8CP8		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$GNIT	DFH0GNIT		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$NACT	DFH0CNA1		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$NACT	DFH0CNA2		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$NACT	DFH0CNA3		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$NACT	DFH0CNA4		COBOL	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$NACT	DFH0CNA5		COBOL	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$PFLA	DFH\$PALL		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$PFLA	DFH\$PBRW		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$PFLA	DFH\$PCOM		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$PFLA	DFH\$PMNU		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$PFLA	DFH\$PREN		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$PFLA	DFH\$PREP		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51		DFH\$WBSM	DFH0WBCA	Client Authentication protocol/Secure Sockets Layer	COBOL	NO	NO	NORMAL	NO	ENABLED	NO	BELOW	USER	QUASIRENT	NO	
TS51	DFH\$IVPL	DFH\$DLIV	DFH\$DLPC		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51	DFH\$IVPL	DFH\$DLIV	DFH\$DLPE		PLI	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51	DFH\$IVPL	DFH\$DLIV	DFH0DLCC		COBOL	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	
TS51	DFH\$IVPL	DFH\$DLIV	DFH0DLCE		COBOL	NO	NO	NORMAL	NO	ENABLED	YES	BELOW	USER	QUASIRENT	NO	

These programs are running below the line

Connected as: P392E, file: XX40T#25

Lines: 210

# CICS – Files

The screenshot displays the XINFO PC Client application window. The title bar reads 'XINFO PC Client'. The menu bar includes 'File', 'Home', 'Table', 'Netplan', 'Barchart', 'Chart', 'Script', and 'View'. The ribbon contains various tool groups: 'Edit' (Copy, Select All, Toggle Selection), 'Table Layout' (Customize, Use Default, Use Custom), 'Table Functions' (Group, Statistics, All), 'Tools' (Show SQL, Inverse Filter), and 'Chart' (New, Library, Explorer). On the left, the 'Workspace Tree' pane shows a folder named 'CICS' containing several sub-items. The 'Dataset Info' item is highlighted with a yellow selection box. A dark blue callout box with a white border points to this item, containing the text '1. Select Dataset Info'. Another dark blue callout box in the upper right corner of the application area contains the text 'Which files are defined in a remote CICS?'. The status bar at the bottom indicates 'Connected as: P392E, file: XX40T#25'.

Which files are defined in a remote CICS?

1. Select Dataset Info

# CICS – Files

CICS - Dataset Info

CICS	=		Length of Key	=	
LIST	=		Initial Status	=	
GROUP	=		When File is Open	=	
File Name	=		Disposition of File	=	
Description	=		Number of D Buffers	=	
Dataset Name	=		Number of I Buffers	=	
Password	=		Name of Data Table	=	
Open in RLS mode	=		Max Num of Records	=	
Share Resource Pool	=		Coupling Facility	=	
Read Integrity	=		Coupling Fac. Table	=	
VSAM Sharing	=		Type Update Mode	=	
Concurrent Requests	=		Load Coupling	=	
Remote System Name	NOT EMPTY		Record Format	=	
Prog Name in Remote	=		Records Added	=	
Length of Records	=			=	

2. Specify NOT EMPTY at "Remote System Name"

OK Actions Cancel

# CICS – Files

XINFO PC Client - CICS - Dataset Info

File Home Table Netplan Barchart Chart Script View

Copy Select All Toggle Selection Edit Customize Use Default Use Custom Table Layout Group Statistics All Table Functions Show SQL Inverse Filter Tools New Library Explorer Chart

CICS - Dataset Info

CICS	LIST	GROUP	FileName	Description	Dataset Name	Password	RLS	LSR	Read Integ	VSAM Share	Str	RmtS	Rmt Name	Recl	KLen	Init Stat
<all>	<...>	<all>	<all>	<all>	<all>	<all>	<...>	<...>	<all>	<all>	<...>	<all>	<...>	<...>	<...>	<all>
TS53		DFHBRVSR	DFHBRNSF	Bridge Link3270 Numberspace - VSAM Remote			NO		UNCOMMITTED	ALLREQS	1	CICA	DFHBRNSF			ENABLED
TS53		DFHDPVSR	DFHDPFMB	Debugging Profile Base File - VSAM Remote			NO		UNCOMMITTED	ALLREQS	1	CICA	DFHDPFMB			ENABLED
TS53		DFHDPVSR	DFHDPFMP	Debugging Profile Path File - VSAM Remote			NO		UNCOMMITTED	ALLREQS	1	CICA	DFHDPFMP			ENABLED
TS53		DFHMROFA	FILEA	Remote file for the VSAM FILEA sample application	CICS700.FILEA		NO		UNCOMMITTED	ALLREQS	3	CICD	FILEA	80	6	ENABLED
TS52		DFHBRVSR	DFHBRNSF	Bridge Link3270 Numberspace - VSAM Remote			NO		UNCOMMITTED	ALLREQS	1	CICA	DFHBRNSF			ENABLED
TS52		DFHDPVSR	DFHDPFMB	Debugging Profile Base File - VSAM Remote			NO		UNCOMMITTED	ALLREQS	1	CICA	DFHDPFMB			ENABLED
TS52		DFHDPVSR	DFHDPFMP	Debugging Profile Path File - VSAM Remote			NO		UNCOMMITTED	ALLREQS	1	CICA	DFHDPFMP			ENABLED
TS52		DFHMROFA	FILEA	Remote file for the VSAM FILEA sample application	CICS690.FILEA		NO		UNCOMMITTED	ALLREQS	3	CICD	FILEA	80	6	ENABLED
TS51		DFHBRVSR	DFHBRNSF	Bridge Link3270 Numberspace - VSAM Remote			NO		UNCOMMITTED	ALLREQS	1	CICA	DFHBRNSF			ENABLED
TS51		DFHDPVSR	DFHDPFMB	Debugging Profile Base File - VSAM Remote			NO		UNCOMMITTED	ALLREQS	1	CICA	DFHDPFMB			ENABLED
TS51		DFHDPVSR	DFHDPFMP	Debugging Profile Path File - VSAM Remote			NO		UNCOMMITTED	ALLREQS	1	CICA	DFHDPFMP			ENABLED
TS51		DFHMROFA	FILEA	Remote file for the VSAM FILEA sample application	CICS680.FILEA		NO		UNCOMMITTED	ALLREQS	3	CICD	FILEA	80	6	ENABLED

FileNames

Connected as: P392E, file: XX40T#25

Lines: 12

# The difference

```
Session A - [24 x 80]
File Edit Transfer Appearance Communication Assist Window Help
PrtScr Copy Paste Send Recv Display Color Map Recv
Without XINFO
OBJECT CHARACTERISTICS
CEDA View File( ACCTFIL )
File      : ACCTFIL
Group     : DFH$ACCT
DEscription :
VSAM PARAMETERS
DSName    : CICS510.ACCTFILE
Password  :
RLsaccess : No
Lsrpoolid : 1
READInteg : Uncommitted
DSNSharing : Allreqs
STRings   : 001
Nsrgroup  :
REMOTE ATTRIBUTES
REMOTESystem :
REMOTENAME :
RECORDSize  : 00383
+ Keylength  : 005
PASSWORD NOT SPECIFIED
Yes ! No
1-8 ! None
Uncommitted
Allreqs !
1-255
1-32767
1-255
PF 1 HELP 2 COM 3 END      6 CRSR 7 SBH 8
MA a
```

Following example illustrates the difference ...

XINFO PC Client

File Home Table Netplan Barchart Chart Script View

Copy Select All Toggle Selection Edit Customize Use Default Use Custom Table Layout Group Statistics Subtable Graph Show SQL Inverse Filter Tools Chart New Library Explorer

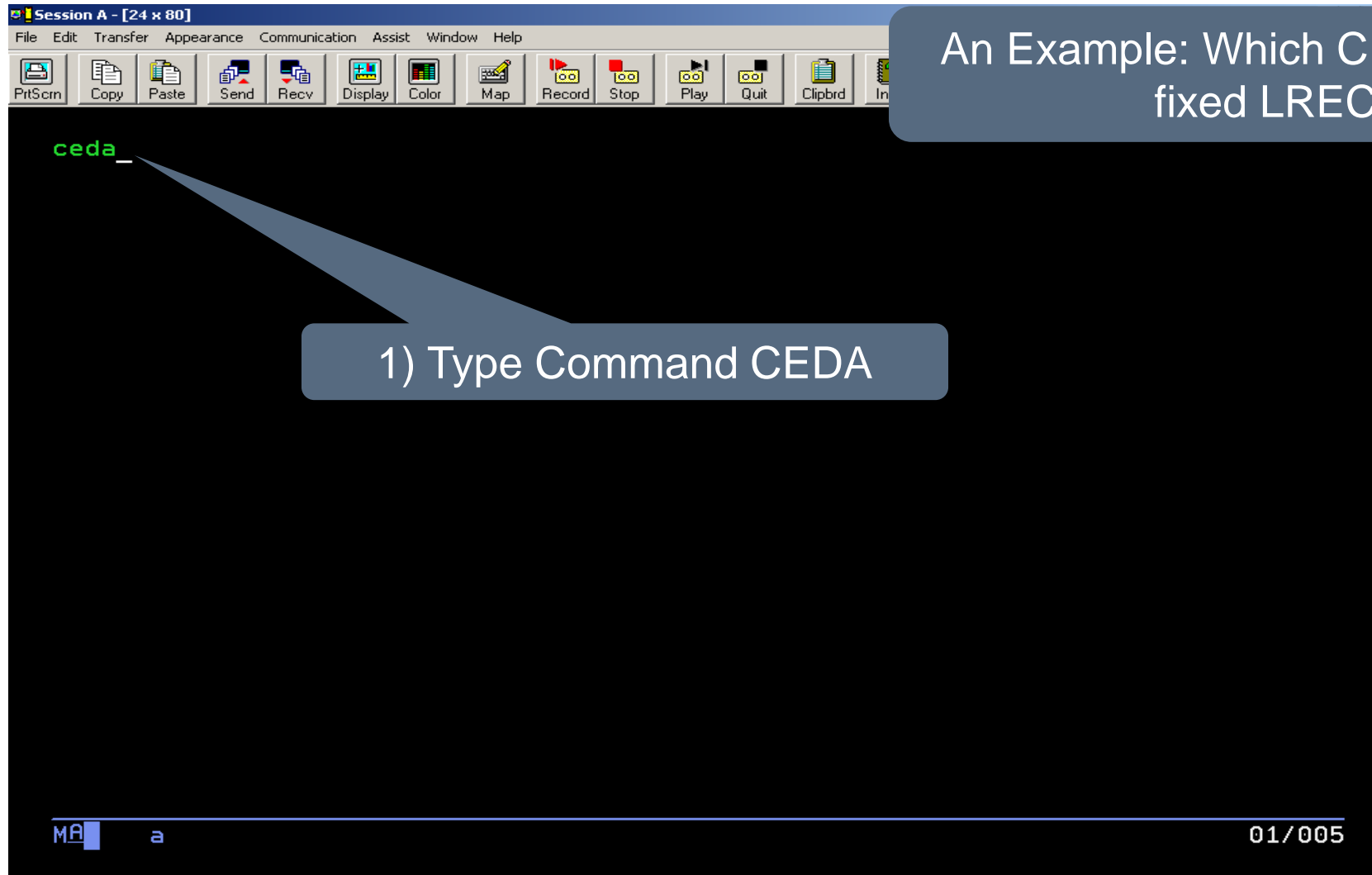
Workspace Tree

- CICS
  - CICS-JCL Common Dataset
  - General Info Group
  - Transaction Info
  - Program Info
  - Dataset Info**
  - Mapset Info
  - Terminal Info
  - Connection Info
  - Profile Info
  - Session Info
  - Typeterm Info
  - Lsrpool Info
  - Tranclass Info
  - Partitionset Info
  - Partner Info
  - TDqueue Info
  - DB2 Connection Info
  - DB2 Entry Info

Connected as: P392E, file: XX40T#25

With XINFO

# How to get CICS information without XINFO



An Example: Which CICS files have fixed LRECL?

1) Type Command CEDA

# How to get CICS information without XINFO

```
view file(*) group (*)
ENTER ONE OF THE FOLLOWING

ADd
ALter
APpend
CHeck
COpy
DEFine
DELete
Display
Expand
Install
Lock
Move
REMove
REName
UNlock
USerdef
View

SYSID=CICS APPLID=CICS

PF 1 HELP      3 END      6 CRSR      9 MSG      12 CNCL
MA a                                     01/025
```



# How to get CICS information without XINFO

```
Session A - [24 x 80]
File Edit Transfer Appearance Communication Assist Window Help
PrtScr Copy Paste Send Recv Display Color Map Record Stop Play Quit Clipbrd Index

VIEW FILE(*) GROUP (*)
ENTER COMMANDS
NAME      TYPE      GROUP
ACCTFIL   FILE      DFH$ACCT view
ACCTIX    FILE      DFH$ACCT =
CAUAFF1   FILE      DFH$AFFY =
CAUAFF2   FILE      DFH$AFFY =
CAUAFF3   FILE      DFH$AFFY =
CAUCNTL   FILE      DFH$AFFY =
DFHOFCAI  FILE      DFH$CTXT =
DFHOFCUS  FILE      DFH$CTXT =
DFHOFHLP  FILE      DFH$CTXT =
FILEA     FILE      DFH$FILA =
DFHCMACD  FILE      DFHCMAC  =
FILEA     FILE      DFHMROFA =
FILEA     FILE      DFHMROFD =
DFHRPCD   FILE      DFHRPCF  =
DFHWBCD   FILE      DFHWEBF  =

          98.079 10.55.30
          98.079 10.58.37
          98.079 10.58.38
          98.079 10.58.38
          98.079 10.58.39
          47
          48
          49
          39
          07
          98.079 10.57.34
          98.079 10.57.47
          98.079 10.55.01
          98.079 10.55.20

          SYSID=CICS APPLID=CICS
RESULTS: 1 TO 15 OF 15          TIME: 14.31.15 DATE: 04.057
PF 1 HELP          3 END 4 TOP 5 BOT 6 CRSR 7 SBH 8 SFH 9 MSG 10 SB 11 SF 12 CNCL
MA a                                                         18/036
```

3) The results are the files in several groups for one CICS

4) Type View in front the group ...

# How to get CICS information without XINFO

```
Session A - [24 x 80]
File Edit Transfer Appearance Communication Assist Window Help
PrtScrn Copy Paste Send Recv Display Color Map Record Stop Play Quit Clipboard Index

OBJECT CHARACTERISTICS
CEDA View File( ACCTFIL )
File      : ACCTFIL
Group     : DFH$ACCT
DEscription :
VSAM PARAMETERS
DSName    : CICS510.ACCTFILE
Password  : PASSWORD NOT SPECIFIED
RLsaccess : No Yes ! No
Lsrpoolid : 1 1-8 ! None
READInteg : Uncommitted Uncommitted ! Consistent ! Repeatable
DSNSharing : Allreqs Allreqs ! Modifyreqs
STRings   : 001 1-255
Nsrgroup  :
REMOTE ATTRIBUTES
REMOTESystem :
REMOTENAME :
RECORDSize : 00383 1-32767
+ Keylength : 005 1-255
SYSID=CIC PPLID=CICS

PF 1 HELP 2 COM 3 END      6 CRSR 7 SBH 8 SFH 9 MSG 10 SB 11 SF 12 CNCL
MA a                                                                01/003
```

5) Here is the first file description, now HIT PF11 to go next page...

6) Now PF11 to see the next page ...

# How to get CICS information without XINFO

```
Session A - [24 x 80]
File Edit Transfer Appearance Communication Assist Window Help
PrintScreen Copy Paste Send Recv Display Color Map Record Stop Play Quit Clipbrd

OBJECT CHARACTERISTICS
CEDA View File( ACCTFIL )
+ INITIAL STATUS
  STATUS      : Enabled      Enabled !
  Opentime    : Firstref     Firstref ! Star
  DISposition : Share        Share ! Old
BUFFERS
  Databuffers : 00002        2-327
  Indexbuffers: 00001        1
DATATABLE PARAMETERS
  Table       : No           No ! Cics ! User
  Maxnumrecs  :              16-16777215
DATA FORMAT
  RECORDFormat : F          V ! F
OPERATIONS
  Add         : Yes         No ! Yes
  BRowse      : No         No ! Yes
  DELete      : Yes         No ! Yes
+ READ       : Yes         Yes ! No

PF 1 HELP 2 COM 3 END 6 CRSR 7 SBH 8
MA a
```

7) Here is the result for one file, but: For the next file, hit PF11, and so on ...

Searching for information without XINFO is difficult and costs time!

# How to get CICS information with XINFO

The screenshot shows the XINFO PC Client application window. The title bar reads "XINFO PC Client". The menu bar includes "File", "Home", "Table", "Netplan", "Barchart", "Chart", "Script", and "View". The ribbon contains several groups: "Edit" (Copy, Select All, Toggle Selection), "Table Layout" (Customize, Use Default, Use Custom), "Table Functions" (Group, Statistics, All), "Tools" (Show SQL, Inverse Filter), and "Chart" (New, Library, Explorer). A dark blue callout box on the right says "And now the same work with XINFO:". On the left, the "Workspace Tree" pane shows a folder structure under "CICS", with "Dataset Info" selected and highlighted by a yellow box. A dark blue callout box with a pointer to "Dataset Info" contains the text "1. Select Dataset Info". The status bar at the bottom indicates "Connected as: P392E, file: XX40T#25".

And now the same work with XINFO:

1. Select Dataset Info

# How to get CICS information with XINFO

CICS - Dataset Info

CICS	=		Disposition of File	=	
LIST	=		Number of D Buffers	=	
GROUP	=		Number of I Buffers	=	
File Name	=		Name of Data Table	=	
Description	=		Max Num of Records	=	
Dataset Name	=		Coupling Facility	=	
Password	=		Coupling Fac. Table	=	
Open in RLS mode	=		Type Update Mode	=	
Share Resource Pool	=		Load Coupling	=	
Read Integrity	=		<b>Record Format</b>	=	<b>F</b>
VSAM Sharing	=		Records Added	=	
Concurrent Requests	=		Records Browsed	=	
Remote System Name	=		Records Deleted	=	
Prog Name in Remote	=		Records Read	=	
Length of Records	=		Records Updated	=	
Length of Key	=				
Initial Status	=				
When File is Open	=				

2) Type Record Format F

OK Actions Cancel

# How to get CICS information with XINFO

XINFO PC Client - CICS - Dataset Info

File Home Table Netplan Barchart Chart Script View Style

CICS - Dataset Info

CICS	LIST	GROUP	FileName	Description	Dataset Name	Password	RLS	LSR	Read Integ	VSAM Share	Str	RmtS	Rmt Name	Recl
<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>
TS53		DFH\$ACCT	ACCTFIL		CICS700.ACCTFILE		NO		UNCOMMITTED	ALLREQS	1			383
TS53		DFH\$ACCT	ACCTIX		CICS700.ACIXFILE		NO		UNCOMMITTED	ALLREQS	1			63
TS53		DFH\$CTXT	DFH0FCUS	CUSTOMER FILE DATA	CICS700.SAMPLE.DFHCTCUS		NO		UNCOMMITTED	ALLREQS	1			
TS53		DFH\$CTXT	DFH0FHLP	HELP FILE DATA	CICS700.SAMPLE.DFHCTHLP		NO		UNCOMMITTED	ALLREQS	1			
TS53		DFH\$NACT	ACCTFILE	MAIN ACCOUNT FILE	CICS700.NACT.ACCTFILE		YES		UNCOMMITTED	ALLREQS	1			383
TS53		DFH\$NACT	ACCTNAM	AIX PATH TO MAIN ACCOUNT FILE	CICS700.NACT.ACCTNAME		YES		UNCOMMITTED	ALLREQS	1			
TS53		DFHBRVR	DFHBRNSF	Bridge Link3270 Numberspace - VSAM RLS			YES		REPEATABLE	ALLREQS	5			
TS53		DFHBRVSL	DFHBRNSF	Bridge Link3270 Numberspace - VSAM Local			NO		UNCOMMITTED	ALLREQS	5			
TS53		DFHCOMPF	DFHADEM	RM for Enterprise Beans/EJ URM event file			NO		UNCOMMITTED	ALLREQS	1			284
TS53		DFHEJVR	DFHEJDIR	Directory - Request Streams VSAM RLS			YES		UNCOMMITTED	ALLREQS	2			1017
TS53		DFHEJVS	DFHEJDIR	Directory - Request Streams VSAM Non-RLS			NO		UNCOMMITTED	ALLREQS	2			1017
TS53		DFHEJVS	DFHEJOS	Object Store - Request Streams VSAM (Non-RLS)			NO		UNCOMMITTED	ALLREQS	2			8185
TS53		DFHMROFA	FILEA	Remote FILEA			NO		UNCOMMITTED	ALLREQS	3	CICD	FILEA	80
TS53		DFHMROFD	FILEA	Local FILEA			NO		UNCOMMITTED	ALLREQS	3			80
TS53		DFHPIVR	DFHPIDIR	Directory - F			YES		UNCOMMITTED	ALLREQS	2			1017
TS53		DFHPIVS	DFHPIDIR	Directory - F			NO		UNCOMMITTED	ALLREQS	2			1017
TS53		DFHRPCF	DFHRPCD	CICS ONC RFC data set definition	XXXXXXXXX.CICS.ONC.RESOURCE		NO		UNCOMMITTED	ALLREQS	1			
TS53	XYZLIST	DFH\$FILA	FILEA		CICS700.FILEA		NO		UNCOMMITTED	ALLREQS	3			80
TS52		DFH\$ACCT	ACCTFIL		CICS690.ACCTFILE		NO		UNCOMMITTED	ALLREQS	1			383
TS52		DFH\$ACCT	ACCTIX		CICS690.ACIXFILE		NO		UNCOMMITTED	ALLREQS	1			63
TS52		DFH\$CTXT	DFH0FCUS	CUSTOMER FILE DATA	CICS690.SAMPLE.DFHCTCUS		NO		UNCOMMITTED	ALLREQS	1			
TS52		DFH\$CTXT	DFH0FHLP	HELP FILE DATA	CICS690.SAMPLE.DFHCTHLP		NO		UNCOMMITTED	ALLREQS	1			
TS52		DFH\$NACT	ACCTFILE	MAIN ACCOUNT FILE	CICS690.NACT.ACCTFILE		YES		UNCOMMITTED	ALLREQS	1			383
TS52		DFH\$NACT	ACCTNAM	AIX PATH TO MAIN ACCOUNT FILE	CICS690.NACT.ACCTNAME		YES		UNCOMMITTED	ALLREQS	1			

3) Here are the files with RECFM = F

Connected as: P392E, file: XX40T#25

Lines: 54

Thanks for your attention! Do you have any questions?

The logo for 'HORIZONT' features the word in a bold, sans-serif font. The letter 'O' is highlighted in red, while the other letters are in dark grey. The background is light grey with a large red curved shape on the left and several faint geometric shapes (squares and a triangle) scattered around the text.

**H**O R I Z O N T

Please feel free to visit us in Munich or send an email to  
**[info@horizont-it.com](mailto:info@horizont-it.com)**