



HORIZONT

XINFO – Scanner z/OS – JCL - INCMEM-INCLIB

Control-M JCL Scanner Enhancement

The XINFO JCL Scanner outputs INCMEM and INCLIB as pseudo Control-M variables.

- Answers “which jobs use which INCMEM?”
- Answers “which jobs use which INCLIB?”
- Enhancement is contained in JCL scanner with compile date 15 NOV 11 and later.
- Enhancement can be used in all supported XINFO versions

Control-M JCL Scanner Enhancement

```
Session C - [24 x 80]
File Edit View Communication Actions Window Help
File Edit Edit_Settings Menu Utilities Compilers Test Help

VIEW      P390A.MSJ.JOBLIB(T11798) - 01.13          Columns 00001 00072
Command ==> _____ Scroll ==> CSR
000001 //T11798 JOB 01130301,CLASS=B,MSGCLASS=0,MSGLEVEL=(1,1)
000002 /*** HORIZONTAL CONTROL-M TESTJOB ****
000003 /*** ****
000004 /** %INCLIB      P390A.MSJ.QM.HELPLIB %%INCMEM      INCMEM
000005 /**-----
000006 /** %USER (USER FROM INCMEM)
000007 /*** ****
000008 /** $SCHDLIB:%%$SCHDLIB
000009 /** $SCHDTAB:%%$SCHDTAB
000010 /** $MEMNAME:%%$MEMNAME
000011 /** JOBNAME :%%JOBNAME
000012 /*** ****
000013 /**-----
000014 /** PROGRAM WAITS MILLISECONDS SPECIFIED IN PARM
000015 /**-----
000016 //STEP1 EXEC PGM=ROTIWAIT PARM='/30000'
000017 %INCLIB SYSH.CTM.JOBLIB      INCMEM CTMI1
000018 /**
000019 %INCLIB SYSH.CTM.JOBLIB      INCMEM CTMT1
000020 /**

MA c 24/002
Connected to remote server/host 192.168.9.52 using lu/pool SCOTCP11 and port 23
```

Which jobs are using this INCLIB?

JCL – Displays

The screenshot displays the XINFO PC Client application window. The title bar reads "XINFO PC Client" and includes standard window controls. The menu bar contains "File", "Home", "Table", "Netplan", "Barchart", "Chart", "Script", and "View". The ribbon below the menu bar is divided into 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). On the left side, the "Workspace Tree" pane is open, showing a hierarchical view of the JCL environment. Under the "JCL" folder, various components are listed, including "JOB Statements", "JES Statements", "EXEC Statements", "EXPORTed JCL Symbols", "DSN", "SYSIN Content", "SYSOUT+OUTPUT", "OUTPUT Statements", "Jobs with OPC Variables", "JCLLIB-Statements", "Symbols and Proc. Parm", "Comment Cards", "Scanned Libraries", "Control-M Variables" (which is highlighted with a yellow border), "SUBSYS", "IF Statements", and "HFS (PATH)". A dark blue callout box with white text, "Use Control-M Variables", has a pointer directed at the highlighted "Control-M Variables" item. At the bottom of the window, a status bar indicates the connection: "Connected as: P392F, file: XX40T#25".

Use Control-M Variables

JCL – Control-M Variables

The screenshot shows the XINFO PC Client interface with the 'JCL - Control-M Variables' dialog box open. The dialog box contains the following fields:

Member	=	[Dropdown]	[Text Field]
Variable Name	=	[Dropdown]	INCLIB
Substitution Value	=	[Dropdown]	SYSH.CTM.JOBLIB
Defined in Member	=	[Dropdown]	[Text Field]
Defined in DSN	=	[Dropdown]	[Text Field]
Origin/Type	=	[Dropdown]	[Text Field]
JCL-Lib	=	[Dropdown]	[Text Field]

A red box highlights the 'Variable Name' and 'Substitution Value' fields. A callout bubble points to these fields with the text 'Enter search criteria'. The 'Workspace Tree' on the left shows the 'Control-M Variables' folder selected. The status bar at the bottom indicates 'Connected as: P392F, file: XX40T#25'.

JCL – Control-M Variables

XINFO PC Client - JCL - Control-M Variables

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

JCL - Control-M Variables

Member	Var-Name	Substitution Value	D-Member	Defined in DSN	Origin/T	JCL-Lib
<all>	<all>	<all>	<all>	<all>	<all>	<all>
CTMT1	INCLIB	SYSH.CTM.JOBLIB			JCL	SYSH.CTM.JOBLIB
CTMT1	INCLIB	SYSH.CTM.JOBLIB			JCL	SYSH.CTM.JOBLIB
CTMT2	INCLIB	SYSH.CTM.JOBLIB			JCL	SYSH.CTM.JOBLIB

Workspace Tree

Connected as: P392F, file: XX40T#14

Lines: 3

This jobs are using INCLIB SYSH.CTM.JOBLIB

JCL – Control-M Variables

The screenshot shows the XINFO PC Client interface with the 'JCL - Control-M Variables' dialog box open. The dialog box contains the following fields:

Member	=	[Dropdown]	[Text Box]
Variable Name	=	[Dropdown]	INCMEM
Substitution Value	=	[Dropdown]	*SYS*
Defined in Member	=	[Dropdown]	[Text Box]
Defined in DSN	=	[Dropdown]	[Text Box]
Origin/Type	=	[Dropdown]	[Text Box]
JCL-Lib	=	[Dropdown]	[Text Box]

A red box highlights the 'Variable Name' and 'Substitution Value' fields. A callout bubble contains the text: "Which jobs use INCMEMs '*SYS*'?"

At the bottom of the dialog are buttons for 'OK', 'Actions', and 'Cancel'.

JCL – Control-M Variables

XINFO PC Client - JCL - Control-M Variables

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

Member	Var-Name	Substitution Value	D-Member	Defined in DSN	Origin/T	JCL-Lib
ARZAR00	INCMEM	ARZSYSDD			JCL	SYSH.CTM.JOBLIB
ARZAR02	INCMEM	ARZSYS02			JCL	SYSH.CTM.JOBLIB
DK003B	INCMEM	RZSYSDD			JCL	SYSH.CTM.JOBLIB
GA001B	INCMEM	RZSYSDD			JCL	SYSH.CTM.JOBLIB
GI003B	INCMEM	RZSYSDD			JCL	SYSH.CTM.JOBLIB
HF001B	INCMEM	RZSYSDD			JCL	SYSH.CTM.JOBLIB
MW083B	INCMEM	RZSYSDD			JCL	SYSH.CTM.JOBLIB
RZAR00	INCMEM	RZSYSDD			JCL	SYSH.CTM.JOBLIB
SA001B	INCMEM	RZSYSDD			JCL	SYSH.CTM.JOBLIB
SP071B	INCMEM	RZSYSDD			JCL	SYSH.CTM.JOBLIB

These jobs are using INCMEM *SYS*

Connected as: P392F, file: XX40T#14

Lines: 10

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, semi-transparent geometric shapes (squares and circles) scattered around.

HORIZONT

Please feel free to visit us in Munich or send an email to
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