



HORIZONT

XINFO – Programming Languages z/OS - Assembler

What is this presentation about?

This PowerPoint gives you a short overview about XINFO's Assembler Interface.

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 – Programming Languages z/OS - Assembler

General Info

Copy and Macro (which program uses which macros)

Calls (which program calls which program)

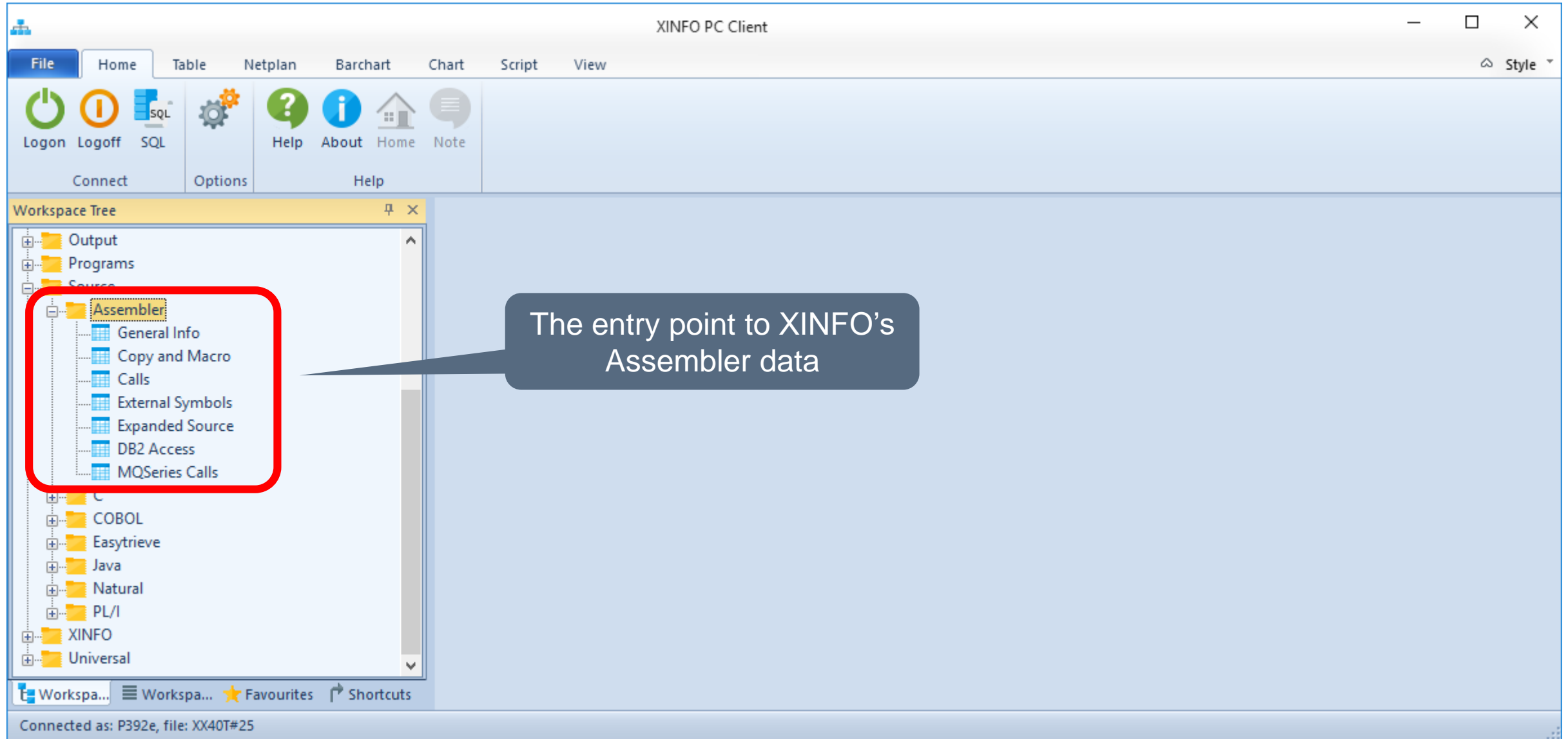
Call Graph (interlanguage call graphic)

External Symbols

Expanded Source (search within the source incl. macros)

DB2 Access (EXEC SQL statements)

Assembler - Displays



Assembler – General Info

XINFO PC Client

File Home Table Netplan

Logon Logoff SQL Options Help

Connect

Workspace Tree

- Output
- Programs
- Source
 - Assembler
 - General Info**
 - Copy and Macro
 - Calls
 - External Symbols
 - Expanded Source
 - DB2 Access
 - MQSeries Calls
 - C
 - COBOL
 - Easytrieve
 - Java
 - Natural
 - PL/I
 - XINFO
 - Universal

Connected as: P392e, file: XX40T#25

Assembler - General Info

Main Program	=		
Uses EXEC SQL (Y/N)	=		
Uses EXEC CICS(Y/N)	=		
Uses EXEC DLI (Y/N)	=		
Copy Data (Y/N)	=		
Call Data (Y/N)	=		
DB2 Data (Y/N)	=		
Last Update User	=		
Last Update Date	=		DD.MM.YYYY
Last Update Time	=		HH:MM
Source Lines Main	=		
Source Lines Total	=		
Load Module	=		
Main Lib	=		
System	=		

OK Actions Cancel

Search for programs with certain attributes, e.g.

- Used SQL ...
- More than 1000 lines of code ...
- Was changed before a certain date ...

Assembler – General Info

XINFO PC Client - Assembler - General Info

File Home Table Netplan Barchart Chart Script View

Assembler - General Info

Workspace Tree

Main-Pgm	EXEC-SQL	EXEC-CICS	EXEC-DLI	Macros	Calls	DB2-Info	Lines-M.	Lines-T.	Upd-User	Upd-Date	Upd-T	Load-Mod	Main-Lib	System
<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>
DSNASCIX	N	N	N	N	N	N	104	2131				DSNACICX	DSNB10.SDSNSAMP	TEST
DSNTIACN	N	N	N	N	N	N	85	85				DSNTIACN	DSNB10.SDSNSAMP	TEST
DSNTIAD	Y	N	N	N	Y	N	2088	13346				PROSCMD	DSNB10.SDSNSAMP	TEST
DSNTIR	Y	N	N	N	Y	N	376	6733				DSNTIR	DSNB10.SDSNSAMP	TEST
DSNTSMFD	N	N	N	N	Y	N	2448	19995				FDATEBC	DSNB10.SDSNSAMP	TEST
DSNTWRE	N	N	N	N	Y	N	360	6268				DSNTWRE	DSNB10.SDSNSAMP	TEST
DSNTWRS	Y	N	N	N	Y	N	2259	32550				CEEMAIN	DSNB10.SDSNSAMP	TEST
DSNX\$XAC	N	N	N	N	N	N	218	1116				DSNX\$XAC	DSNB10.SDSNSAMP	TEST
DSN3SATH	N	N	N	N	N	N	812	16395					DSNB10.SDSNSAMP	TEST
DSN3SSGN	N	N	N	N	N	N	923	19506					DSNB10.SDSNSAMP	TEST
DSN8CA	Y	N	N	N	Y	N	411	6768					DSNB10.SDSNSAMP	TEST
DSN8EAE1	N	N	N	N	N	N	325	1255				DSN8EAE1	DSNB10.SDSNSAMP	TEST
DSN8HUFF	N	N	N	N	N	N	519	2277				DSN8HUFF	DSNB10.SDSNSAMP	TEST
DSN8TREE	N	N	N	N	N	N	828	828				DSN8TREE	DSNB10.SDSNSAMP	TEST
DBFSAMA1	N	N	N	N	Y	N	397	8883				DBFSAMA1	IMS1210.SDFSISRC	TEST
DBFSAMA2	N	N	N	N	Y	N	270	8539				DBFSAMA2	IMS1210.SDFSISRC	TEST
DFSACALO	N	N	N	N	Y	N	1144	4805				DFSACALO	IMS1210.SDFSISRC	TEST
DFSHWSS1	N	N	N	N	N	N	2546	4409				HWSSMPL1	IMS1210.SDFSISRC	TEST
DFSIVAC	N	N	N	N	Y	N	261	8530				DFSIVAC	IMS1210.SDFSISRC	TEST
DFSIVAD	N	N	N	N	Y	N	1240	8038				DFSIVAD	IMS1210.SDFSISRC	TEST
DFSIVAE	N	N	N	N	Y	N	283	4547				DFSIVAE	IMS1210.SDFSISRC	TEST
DFSIVAF	N	N	N	N	N	N	435	4699				DFSIVAF	IMS1210.SDFSISRC	TEST
DFSIVAG	N	N	N	N	N	N	282	4546				DFSIVAG	IMS1210.SDFSISRC	TEST
DFSIVA1	N	N	N	N	N	N	736	7062				DFSIVA1	IMS1210.SDFSISRC	TEST
DFSIVA2	N	N	N	N	N	N	736	7062				DFSIVA2	IMS1210.SDFSISRC	TEST

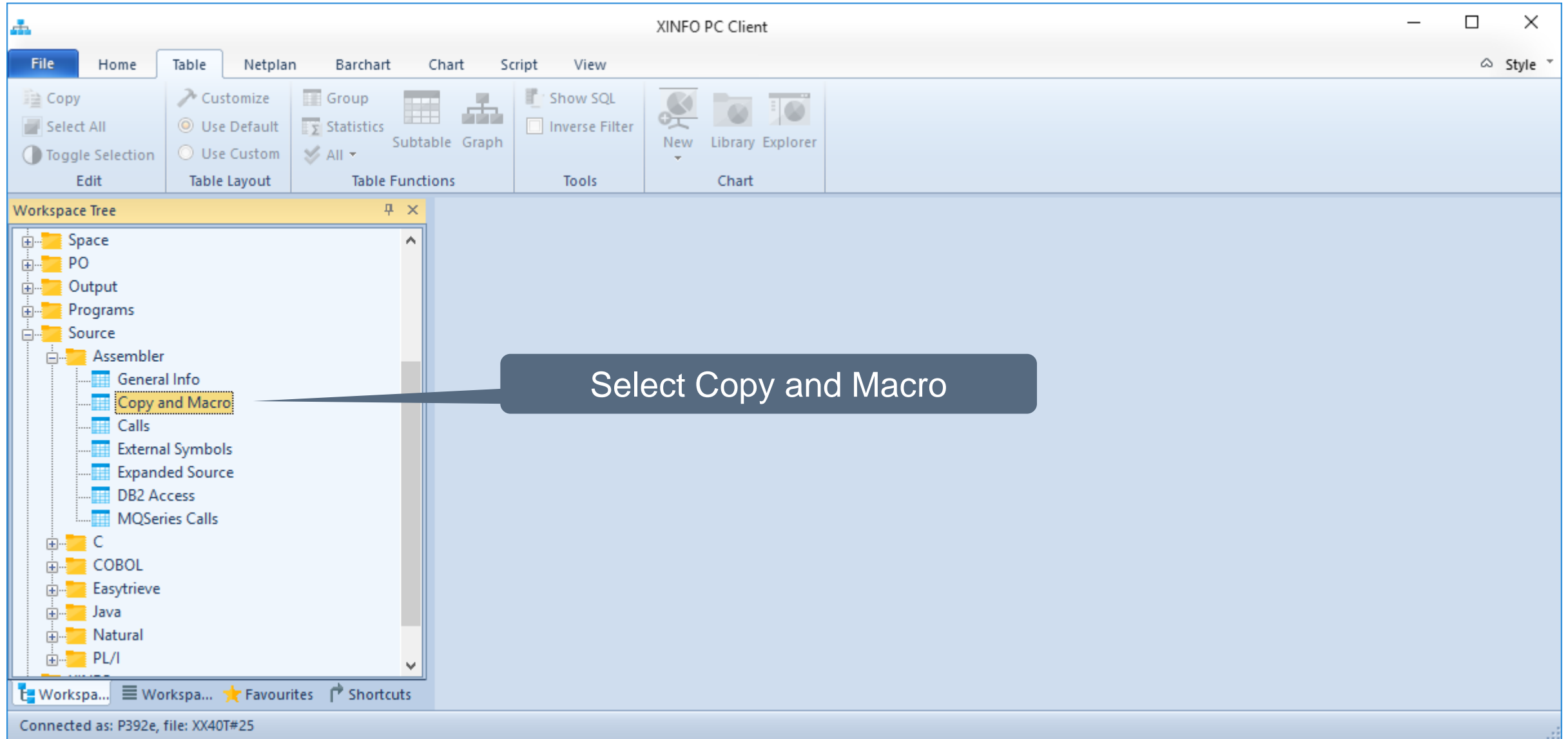
Lines of Code

SQL, CICS, DLI Y/N

Programs

Lines: 56

Assembler – Copy and Macro



Assembler – Copy and Macro

The screenshot displays the XINFO PC Client interface. On the left, the 'Workspace Tree' shows a hierarchy of folders: Space, PO, Output, Programs, Source, Assembler, C, COBOL, Easytrieve, Java, Natural, and PL/I. The 'Assembler' folder is expanded, and 'Copy and Macro' is selected. The 'File' menu is open, showing options like 'Copy', 'Select All', and 'Toggle Selection'. The main window is titled 'Assembler - Copy and Macro' and contains a form with various fields. The 'Copy/Mac' field is highlighted with a red rectangle and contains the text '*MAIN'. A callout bubble points to this field with the text: 'Answer questions like "Where are Copy or Macro statements used, e.g. GETMAIN + FREEMAIN"'. The form also includes fields for 'Main Program', 'Source Member', 'Copy/Mac Lib', 'Line in Src Member', 'Nesting Level', 'Source Text', 'Macro found (Y/N)', 'SQL-Include (Y/N)', 'M=Macro, C=Copy', 'Macro Line', 'Alias (OPSYN)', 'Load Module', 'Main Lib', 'Source Lib', and 'System'. At the bottom, there are buttons for 'OK', 'Actions', and 'Cancel'. The status bar at the bottom indicates 'Connected as: P392e, file: XX40T#25'.

Assembler – Copy and Macro

Programs

Nesting-Level found Y/N etc.

Line number

Copy/Macro name

Source with the call statement

The complete statement, allows to search for parameters

MainPgm	SrcMemb	Copy/Mac	Line	Nest	Found	Source	Alias	Copy/Mac-Lib	Source-Lib	Load-Mod
<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>
CSQ4BAA1	CSQ4BAA1	GETMAIN	299	0	Y	N	M	1	GETMAIN RU,LV=WORKLEN,LOC=(RES,ANY) Get some storage	SYS1.MACLIB CSQ800.SCSQASMS CSQ4BAA1
CSQ4BAF1	CSQ4BAF1	FREEMAIN	203	0	Y	N	M	1	FREEMAIN RU,LV=WORKLEN,A=(1),SP=0 FREE SAVE AREA	SYS1.MACLIB CSQ800.SCSQASMS CSQ4BAF1
CSQ4BAF1	CSQ4BAF1	GETMAIN	129	0	Y	N	M	1	GETMAIN RU,LV=WORKLEN,LOC=(RES,ANY),SP=0	SYS1.MACLIB CSQ800.SCSQASMS CSQ4BAF1
CSQ4BAX0	CSQ4BAX0	FREEMAIN	168	0	Y	N	M	1	FREEMAIN RU,LV=WORKLEN,A=(1) FREE SAVE AREA	SYS1.MACLIB CSQ800.SCSQASMS CSQ4BAX0
CSQ4BAX0	CSQ4BAX0	GETMAIN	129	0	Y	N	M	1	GETMAIN RU,LV=WORKLEN,LOC=(RES,ANY)	SYS1.MACLIB CSQ800.SCSQASMS CSQ4BAX0
CSQ4BAX8	CSQ4BAX8	FREEMAIN	212	0	Y	N	M	1	FREEMAIN RU,LV=X8_DLEN,A=(1) Free save area	SYS1.MACLIB CSQ800.SCSQASMS CSQ4BAX8
CSQ4BAX8	CSQ4BAX8	GETMAIN	111	0	Y	N	M	1	GETMAIN RU,LV=X8_DLEN,LOC=(RES,ANY)	SYS1.MACLIB CSQ800.SCSQASMS CSQ4BAX8
CSQ4BAX9	CSQ4BAX9	FREEMAIN	260	0	Y	N	M	1	FREEMAIN RU,LV=X9_DLEN,A=(1) Free save area	SYS1.MACLIB CSQ800.SCSQASMS CSQ4BAX9
CSQ4BAX9	CSQ4BAX9	GETMAIN	147	0	Y	N	M	1	GETMAIN RU,LV=X9_DLEN,LOC=(RES,ANY)	SYS1.MACLIB CSQ800.SCSQASMS CSQ4BAX9
DSNTIAD	DSNTIAD	FREEMAIN	685	0	Y	N	M	1	FREEMAIN RU,LV=(0),A=(1) FREE THE GOTTEN STORAGE \$01	SYS1.MACLIB DSNB10.SDSNSAMP PROSCMD
DSNTIAD	DSNTIAD	FREEMAIN	696	0	Y	N	M	1	FREEMAIN R,LV=(0),A=(1) FREE THE GOTTEN STORAGE	SYS1.MACLIB DSNB10.SDSNSAMP PROSCMD
DSNTIAD	DSNTIAD	FREEMAIN	2006	0	Y	N	M	1	FREEMAIN RU,LV=(0),A=(1) FREE THE GOTTEN STORAGE \$01	SYS1.MACLIB DSNB10.SDSNSAMP PROSCMD
DSNTIAD	DSNTIAD	FREEMAIN	2012	0	Y	N	M	1	FREEMAIN R,LV=(0),A=(1) FREE THE GOTTEN STORAGE	SYS1.MACLIB DSNB10.SDSNSAMP PROSCMD
DSNTIAD	DSNTIAD	GETMAIN	224	0	Y	N	M	1	GETMAIN R,LV=(6) GET STORAGE FOR PROGRAM VARIABLES	SYS1.MACLIB DSNB10.SDSNSAMP PROSCMD
DSNTIAD	DSNTIAD	GETMAIN	243	0	Y	N	M	1	GETMAIN RU,LV=(5),LOC=31 ALLOCATE STORAGE	SYS1.MACLIB DSNB10.SDSNSAMP PROSCMD
DSNTIAD	DSNTIAD	GETMAIN	976	0	Y	N	M	1	GETMAIN R,LV=(6) GET STORAGE FOR PROGRAM VARIABLES	SYS1.MACLIB DSNB10.SDSNSAMP PROSCMD
DSNTIAD	DSNTIAD	GETMAIN	996	0	Y	N	M	1	GETMAIN RU,LV=(6),LOC=31	SYS1.MACLIB DSNB10.SDSNSAMP PROSCMD
DSNTIR	DSNTIR	FREEMAIN	5	0	Y	N	M	1	FREEMAIN R,LV=(0),A=(1) FREE THE GOTTEN STORAGE	SYS1.MACLIB DSNB10.SDSNSAMP DSNTIR
DSNTIR	DSNTIR	GETMAIN	208	0	Y	N	M	1	GETMAIN R,LV=(6) GET STORAGE FOR PROGRAM VARIABLES	SYS1.MACLIB DSNB10.SDSNSAMP DSNTIR
DSNTSMFD	DSNTSMFD	FREEMAIN	488	0	Y	N	M	1	FREEMAIN R,LV=(0),A=(1) FREE THE GOTTEN STORAGE	SYS1.MACLIB DSNB10.SDSNSAMP FDATEBC
DSNTSMFD	DSNTSMFD	FREEMAIN	788	0	Y	N	M	1	FREEMAIN RC,LV=(4),A=(5)	SYS1.MACLIB DSNB10.SDSNSAMP FDATEBC
DSNTSMFD	DSNTSMFD	FREEMAIN	800	0	Y	N	M	1	FREEMAIN RC,LV=(0),A=(5)	SYS1.MACLIB DSNB10.SDSNSAMP FDATEBC

Lines: 47

Assembler – Copy and Macro, File Access

The screenshot shows the 'Assembler - Copy and Macro' dialog box in the XINFO PC Client. The 'Source Text' field is highlighted with a red box and contains the text '*SYSPRINT*'. A callout bubble points to this field with the text: 'To find file access simply search for the DD name and/or the appropriate Macros (OPEN, PUT, GET, DCB, ACB etc.)'.

The dialog box contains the following fields:

Field	Value
Main Program	=
Source Member	=
Copy/Mac	=
Copy/Mac Lib	=
Line in Src Member	=
Nesting Level	=
Source Text	*SYSPRINT*
Macro found (Y/N)	=
SQL-Include (Y/N)	=
M=Macro, C=Copy	=
Macro Line	=
Alias (OPSYN)	=
Load Module	=
Main Lib	=
Source Lib	=
System	=

Buttons: OK, Actions, Cancel

Assembler – Copy and Macro, File Access

XINFO PC Client - Assembler - Copy and Macro

File Home Table Netplan Barchart Chart Script View Style

Assembler - Copy and Macro

MainPgm	SrcMemb	Copy/Mac	Line	Nest	Found	S	Type	MLn	Source	Alias	Copy/Mac-Lib	Source-Lib	L
<all>	<all>	<all>	<...>	<...>	<all>		<...>	<...>	<all>		<...>	<all>	<all>
CSQ4BAA1	CSQ4BAA1	CLOSE	693	0 Y	N	M		1	CLOSE (SYSPRINT) Close output file		SYS1.MACLIB	CSQ800.SCSQASMS	C
CSQ4BAA1	CSQ4BAA1	DCB	1026	0 Y	N	M		1	SYSPRINT DCB DDNAME=SYSPRINT, X		SYS1.MACLIB	CSQ800.SCSQASMS	C
CSQ4BAA1	CSQ4BAA1	OPEN	338	0 Y	N	M		1	OPEN (SYSPRINT),MF=(E,PRINTOPN),MODE=31		SYS1.MACLIB	CSQ800.SCSQASMS	C
CSQ4BAA1	CSQ4BAA1	OPEN	1033	0 Y	N	M		1	PRINTOPN OPEN (SYSPRINT,(OUTPUT)),MODE=31,MF=L		SYS1.MACLIB	CSQ800.SCSQASMS	C
CSQ4BAA1	CSQ4BAA1	PUT	722	0 Y	N	M		1	THEPUT PUT SYSPRINT,PRTREC Get buffer address		SYS1.MACLIB	CSQ800.SCSQASMS	C
CSQ4BAA1	PUT	IHBINNRA	28	1 Y	N	M		1	THEPUT IHBINNRA SYSPRINT,PRTREC		SYS1.MACLIB	SYS1.MACLIB	C
DSNTIAD	CALL	IHBOPLTX	105	1 Y	N	M		1	IHBOPLTX PROSCMD,(CA,SYSPRINT,STMTBF1+4,STMTBF1,SYNERR,RETCODEX		SYS1.MACLIB	SYS1.MACLIB	P
DSNTIAD	DSNTIAD	CALL	584	0 Y	N	M		1	CALL PROSCMD,(CA,SYSPRINT,STMTBF1+4,STMTBF1,SYNERR,RETCODE),MX		SYS1.MACLIB	DSNB10.SDSNSAMP	P
DSNTIAD	DSNTIAD	CLOSE	680	0 Y	N	M		1	CLOSE (SYSPRINT),MF=(E,PARM) CLOSE THE SYSPRINT FILE		SYS1.MACLIB	DSNB10.SDSNSAMP	P
DSNTIAD	DSNTIAD	DCB	715	0 Y	N	M		1	OUTDCB DCB DSORG=PS,MACRF=PM,DDNAME=SYSPRINT, X		SYS1.MACLIB	DSNB10.SDSNSAMP	P
DSNTIAD	DSNTIAD	DCB	799	0 Y	N	M		1	SYSPRINT DCB DSORG=PS,MACRF=PM,DDNAME=SYSPRINT, X		SYS1.MACLIB	DSNB10.SDSNSAMP	P
DSNTIAD	DSNTIAD	OPEN	260	0 Y	N	M		1	OPEN (SYSPRINT,(OUTPUT)),MF=(E,PARM) OPEN FOR OUTPUT		SYS1.MACLIB	DSNB10.SDSNSAMP	P
DSNTSMFD	DSNTSMFD	CLOSE	1611	0 Y	N	M		1	CLOSE (SYSPRINT),MF=(E,PARM1C) CLOSE THE SYSPRINT FILE		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSMFD	DSNTSMFD	DCB	858	0 Y	N	M		1	SYSPRTD CB DCB DSORG=PS,MACRF=PM,DDNAME=SYSPRINT, X		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSMFD	DSNTSMFD	DCB	969	0 Y	N	M		1	SYSPRINT DCB DSORG=PS,MACRF=PM,DDNAME=SYSPRINT, X		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSMFD	DSNTSMFD	OPEN	1176	0 Y	N	M		1	OPEN (SYSPRINT,(OUTPUT)),MF=(E,PARM1C) OPEN FOR OUTPUT		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSMFD	DSNTSMFD	PUT	331	0 Y	N	M		1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSMFD	DSNTSMFD	PUT	410	0 Y	N	M		1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSMFD	DSNTSMFD	PUT	5	0 Y	N	M		1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSMFD	DSNTSMFD	PUT		0 Y	N	M		1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSMFD	DSNTSMFD	PUT		0 Y	N	M		1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSMFD	DSNTSMFD	PUT		0 Y	N	M		1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSMFD	DSNTSMFD	PUT		0 Y	N	M		1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSMFD	DSNTSMFD	PUT		0 Y	N	M		1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSMFD	DSNTSMFD	PIIT	729	0 Y	N	M		1	PIIT SYSPRINT OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F

Connected as: P392e, file: xx401#25 Lines: 66

Assembler – Copy and Macro, File Access

XINFO PC Client - Assembler - Copy and Macro

File Home Table Netplan Barchart Chart Script View

Assembler - Copy and Macro

Workspace Tree

MainPgm	SrcMemb	Copy/Mac	Line	Nest	Found	S	Type	MLn	Source	Alias	Copy/Mac-Lib	Source-Lib	L
<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>
CSQ4BAA1	CSQ4BAA1	CLOSE	693	0	Y	N	M	1	CLOSE (SYSPRINT) Close output file		SYS1.MACLIB	CSQ800.SCSQASMS	C
CSQ4BAA1	CSQ4BAA1	DCB	1026	0	Y	N	M	1	SYSPRINT DCB DDNAME=SYSPRINT, X		SYS1.MACLIB	CSQ800.SCSQASMS	C
CSQ4BAA1	CSQ4BAA1	OPEN	338	0	Y	N	M	1	OPEN (SYSPRINT),MF=(E,PRINTOPN),MODE=31		SYS1.MACLIB	CSQ800.SCSQASMS	C
CSQ4BAA1	CSQ4BAA1	OPEN	1033	0	Y	N	M	1	PRINTOPN OPEN (SYSPRINT (OUTPUT)),MODE=31,MF=L		SYS1.MACLIB	CSQ800.SCSQASMS	C
CSQ4BAA1	CSQ4BAA1	PUT	722	0	Y				Get buffer address		SYS1.MACLIB	CSQ800.SCSQASMS	C
CSQ4BAA1	PUT	IHBINNRA	28	1	Y						SYS1.MACLIB	SYS1.MACLIB	C
DSNTIAD	CALL	IHBOPLTX	105	1	Y				STMTBF1+4,STMTBF1,SYNERR,RETCODEX		SYS1.MACLIB	SYS1.MACLIB	P
DSNTIAD	DSNTIAD	CALL	584	0	Y				TBF1+4,STMTBF1,SYNERR,RETCODE),MX		SYS1.MACLIB	DSNB10.SDSNSAMP	P
DSNTIAD	DSNTIAD	CLOSE	680	0	Y				CLOSE THE SYSPRINT FILE		SYS1.MACLIB	DSNB10.SDSNSAMP	P
DSNTIAD	DSNTIAD	DCB	715	0	Y				DDNAME=SYSPRINT, X		SYS1.MACLIB	DSNB10.SDSNSAMP	P
DSNTIAD	DSNTIAD	DCB	799	0	Y				PRINT DCB DDNAME=PS,MACRF=PM,DDNAME=SYSPRINT, X		SYS1.MACLIB	DSNB10.SDSNSAMP	P
DSNTIAD	DSNTIAD	OPEN	260	0	Y	N	M	1	OPEN (SYSPRINT,(OUTPUT)),MF=(E,PARM) OPEN FOR OUTPUT		SYS1.MACLIB	DSNB10.SDSNSAMP	P
DSNTSMED	DSNTSMED	CLOSE	1611	0	Y	N	M	1	CLOSE (SYSPRINT),MF=(E,PARM1C) CLOSE THE SYSPRINT FILE		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSM	Browse	Member with Copy/Mac				M		1	SYSPRDCB DCB DSORG=PS,MACRF=PM,DDNAME=SYSPRINT, X		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSM		The Copy Member				M		1	SYSPRINT DCB DSORG=PS,MACRF=PM,DDNAME=SYSPRINT, X		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSM	Assembler	The Main Member				M		1	OPEN (SYSPRINT,(OUTPUT)),MF=(E,PARM1C) OPEN FOR OUTPUT		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSM	CA7					M		1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSM	CICS		410	0	Y	N	M	1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSM	DB2		625	0	Y	N	M	1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSM			643	0	Y	N	M	1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSM	GRAPH		714	0	Y	N	M	1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSM	IMS		718	0	Y	N	M	1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSM	JCL		725	0	Y	N	M	1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F
DSNTSM			729	0	Y	N	M	1	PUT SYSPRINT,OUTVARB		SYS1.MACLIB	DSNB10.SDSNSAMP	F

Use the mouse to access related data, or the source

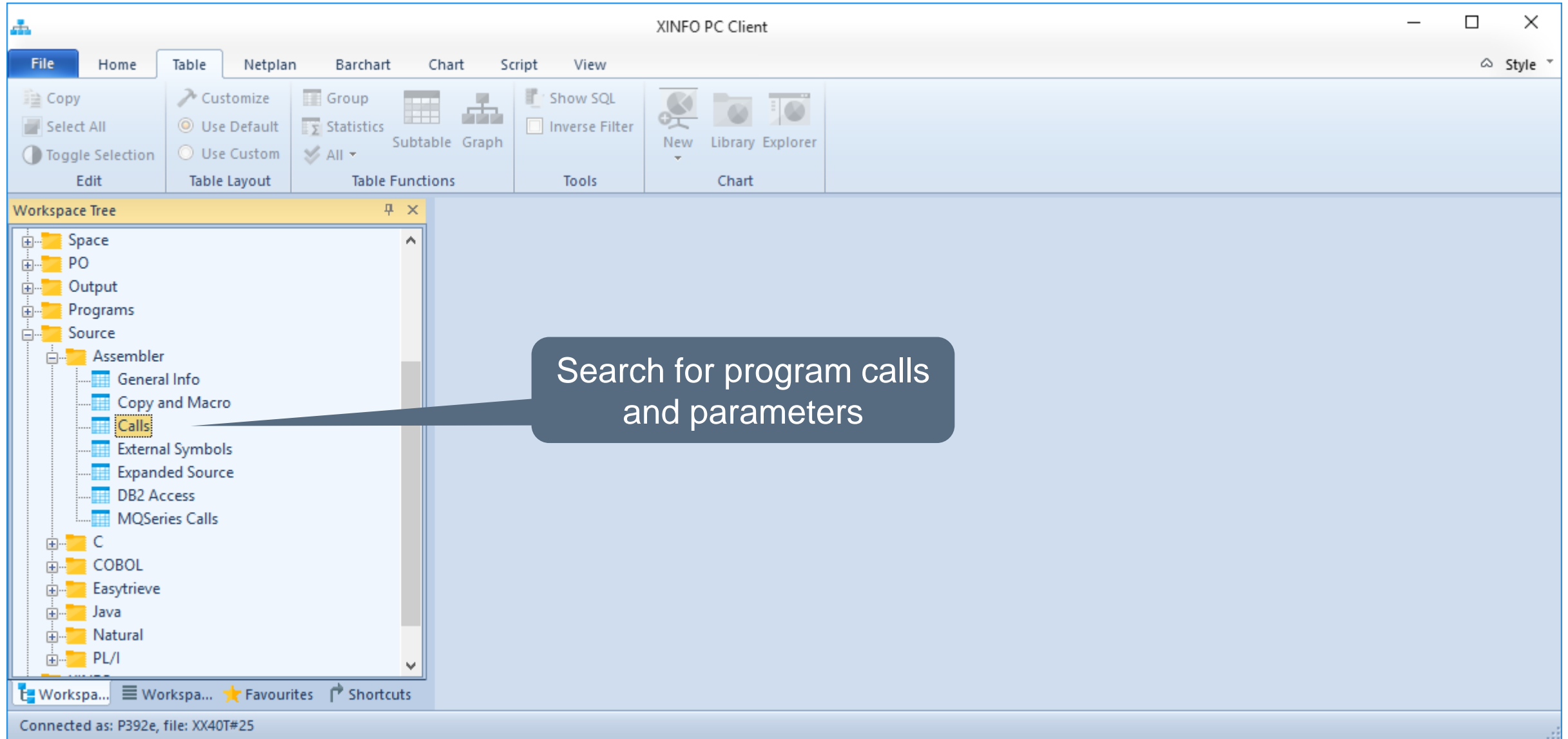
Connected as: PS

Lines: 66

Assembler – Copy and Macro, File Access

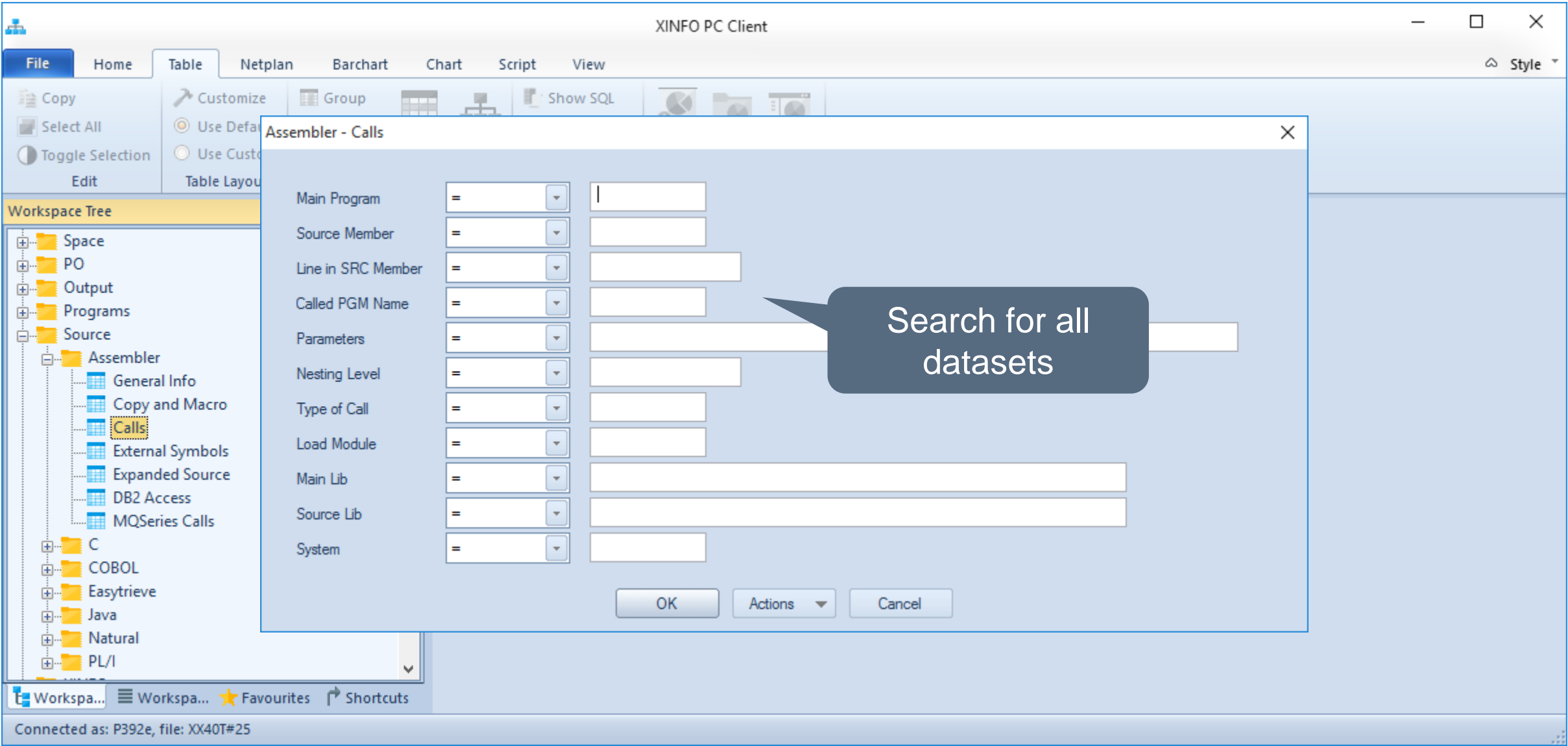
[illegible]

Assembler - Calls



Search for program calls
and parameters

Assembler - Calls



Assembler - Calls

Client - Assembler - Calls										
Assembler - Calls										
MainPgm	SrcMemb	Line	Called-Pgm	Parameters	Nest	CallType	Source-Lib	Main-Lib	Load-Mo	
<all>	<all>	<..	<all>	<all>	<..	<all>	<all>	<all>	<all>	<all>
EQQADD	EQQADD	303	EQQYCOM		0	V-CALL	DATA.XXR.SOURCE.ASM	DATA.XXR.SOURCE.ASM	EQQADD	
EQQADD	EQQADD	319	EQQYCOM		0	V-CALL	DATA.XXR.SOURCE.ASM	DATA.XXR.SOURCE.ASM	EQQADD	
EQQADD	EQQADD	338	EQQYCOM		0	V-CALL	DATA.XXR.SOURCE.ASM	DATA.XXR.SOURCE.ASM	EQQADD	
GI27037	UPEUCDIS	124	UPDISPIM	EP=UPDISPIM	1	LOAD	DATA.XXR.SOURCE.ASM....	DATA.XXR.SOURCE.ASM	GI27037	
GI27037	UPEUCDIS	124	UPDISPGN	EP=UPDISPGN	1	LOAD	DATA.XXR.SOURCE.ASM....	DATA.XXR.SOURCE.ASM	GI27037	
GI27667	GI27667	19	DB2INIT		0	CALL	DATA.XXR.SOURCE.ASM	DATA.XXR.SOURCE.ASM	GI27667	
GI27667	GI27667	284	SQLERROR	(SQLCA)	0	CALL	DATA.XXR.SOURCE.ASM	DATA.XXR.SOURCE.ASM	GI27667	
LCAT	LCAT	120	IDCAMS	EP=IDCAMS, TASKLIB=(R2), ECB=ECB1, SF=(E.ATTACHL), PARAM=(H0, H0, H0, IOLIST), VL=...	0	ATTACH	DATA.XXR.SOURCE.ASM	DATA.XXR.SOURCE.ASM	PCLCSEC	
LCAT	LCAT	153	ISPLINK	EP=ISPLINK	0	LOAD	DATA.XXR.SOURCE.ASM	DATA.XXR.SOURCE.ASM	PCLCSEC	
ROTATST	ROTMSG	23	ROTMSG		1	V-CALL	P390A.ROSE.MAC	DATA.XXR.SOURCE.ASM	ROTATST	
ROTATST	ROTMSG	23	ROTMSG		1	V-CALL	P390A.ROSE.MAC	DATA.XXR.SOURCE.ASM	ROTATST	
ROTATST	ROTMSG	23	ROTMSG		1	V-CALL	P390A.ROSE.MAC	DATA.XXR.SOURCE.ASM	ROTATST	
ROTATST	ROTMSG	13	ROTMSG		1	CALL	P390A.ROSE.MAC	DATA.XXR.SOURCE.ASM	ROTATST	
ROTATST2	ROTATST2	61	ICEGENER	EP=ICEGENER, PARAM=(ICEP1, ICEP2), VL=1	0	LINK	DATA.XXR.SOURCE.ASM	DATA.XXR.SOURCE.ASM	ROTATST	
SORTX	SORTX	56	SORT	EP=sort, SF=L	0	ATTACH	DATA.XXR.SOURCE.ASM	DATA.XXR.SOURCE.ASM	SORTX	
W1P1641	WMLOAD	269	(R2)	EPLOC=(R2), ERRET=LOER2789	2	LOAD	DATA.XXR.SOURCE.ASM....	DATA.XXR.SOURCE.ASM	WM050C	
W1P1641	WMLOAD	293	(R2)	EPLOC=(R2)	2	LOAD	DATA.XXR.SOURCE.ASM....	DATA.XXR.SOURCE.ASM	WM050C	
W1P1661	WMLOAD	269	(R2)	EPLOC=(R2)	2	LOAD	DATA.XXR.SOURCE.ASM....	DATA.XXR.SOURCE.ASM	WM051C	
W1P1661	WMLOAD	293	(R2)	EPLOC=(R2)	2	LOAD	DATA.XXR.SOURCE.ASM....	DATA.XXR.SOURCE.ASM	WM051C	
XXRAC7V	XXRAC7V	480	CONVDATE	EP=CONVDATE	0	LOAD	DATA.XXR.SOURCE.ASM	DATA.XXR.SOURCE.ASM	XXRAC7V	
JCKASPL	JCKASPL	882	SCANMODL		0	V-CALL	P390A.JCK.PLI	P390A.JCK.PLI	JCKASPL	
JCKASPL	JCKASPL	1181	(R8)	EPLOC=(R8)	0	LOAD	P390A.JCK.PLI	P390A.JCK.PLI	SCANMC	
JCKASPL\$	JCKASPL\$	644	SCANMODL		0	V-CALL	P390A.JCK.PLI	P390A.JCK.PLI	JCKASPL	
JCKASPL\$	JCKASPL\$	874	(R8)	EPLOC=(R8)	0	LOAD	P390A.JCK.PLI	P390A.JCK.PLI	SCANMC	

Called programs

Parameters

Call typed:
CALL, LINK, LOAD, ATTACH or
V-CALL

Calling programs

Assembler – Call Graph

XINFO PC Client - Assembler - Calls

File Home Table Netplan Barchart Chart Script View

Assembler - Calls

Workspace Tree

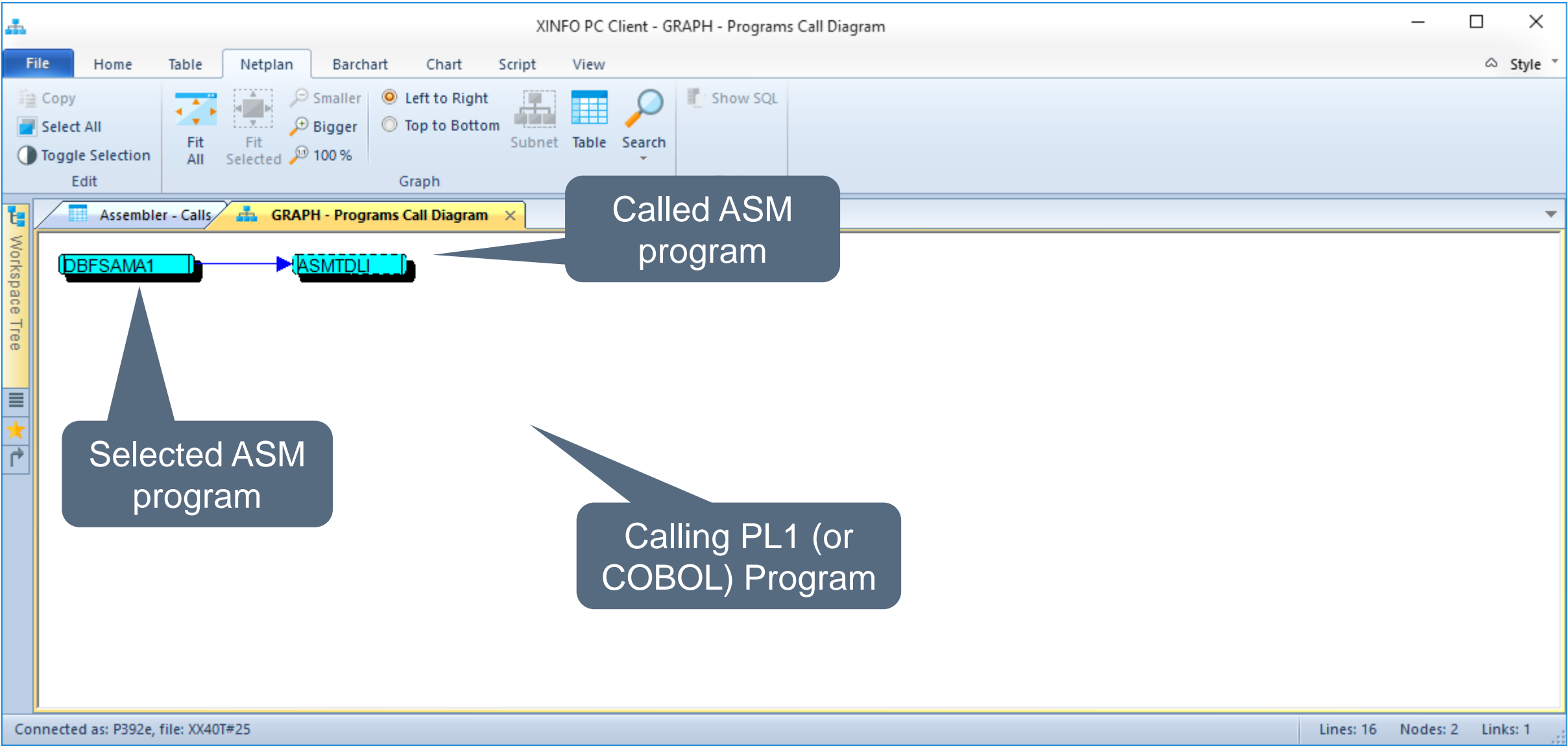
MainPgm	SrcMemb	Line	Called-Pgm	Parameters	Nest	Call Type	Source-Lib	Main-Lib	Load-Mod	System
<all>	<all>	<..	<all>	<all>	<...>	<all>	<all>	<all>	<all>	<all>
DSN8CA	DSN8CA	309	DSNALI	(XLATE,(5)),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DSN8CA	DSN8CA	310	ISPLINK	(VPUT,NAMESQCA),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DSN8CA	DSN8CA	316	ISPLINK	(VPUT,NAMESERV),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DSN8CA	DSN8CA	328	ISPLINK	(VDEFINE,NAMEFAIL,REASCODE,CHAR,FX8),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DSN8CA	DSN8CA	330	ISPLINK	(VPUT,NAMEFAIL),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DSN8CA	DSN8CA	334	ISPLINK	(VDELETE,NAMEFAIL),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DSN8CA	DSN8CA	335	ISPLINK	(VDELETE,NAMEACTN),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DSN8CA	DSN8CA	336	ISPLINK	(VDELETE,NAMESSID),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DSN8CA	DSN8CA	337	ISPLINK	(VDELETE,NAMETECB),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DSN8CA	DSN8CA	338	ISPLINK	(VDELETE,NAMESECB),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DSN8CA	DSN8CA	339	ISPLINK	(VDELETE,NAMEPLAN),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DSN8CA	DSN8CA	340	ISPLINK	(VDELETE,NAMETERM),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DSN8CA	DSN8CA	341	ISPLINK	(VDELETE,NAMETERM),VL,MF=(E,CALLPA)	0	CALL	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSN8CA	TEST
DBFSAMA1	DBFSAMA1	77	ASMTDLI	(ISRT,(R2),(F			IMS1210.SDFSISRC	IMS1210.SDFSISRC	DBFSAMA1	TEST
DBFSAMA1	DBFSAMA1	118	ASMTDLI	(ISRT,(R2),(F			IMS1210.SDFSISRC	IMS1210.SDFSISRC	DBFSAMA1	TEST
DBFSAMA1	DBFSAMA1	125	ASMTDLI	(SYNC,(R5)),VL			IMS1210.SDFSISRC	IMS1210.SDFSISRC	DBFSAMA1	TEST
DBFSAMA1	DBFSAMA1	44	ASMTDLI	(ISRT,(R2),(F			IMS1210.SDFSISRC	IMS1210.SDFSISRC	DBFSAMA1	TEST
DBFSAMA1	DBFSAMA1	48	ASMTDLI	(ISRT,(R2),(F			IMS1210.SDFSISRC	IMS1210.SDFSISRC	DBFSAMA1	TEST
DBFSAMA1	DBFSAMA1	494	EZASOKET	(INITAPI,MAXSOC,ASID,ERRNO,RETCODE),VL	0	CALL	IMS1210.SDFSISRC	IMS1210.SDFSISRC	DBFSAMA1	TEST
DBFSAMA1	DBFSAMA1	511	EZASOKET	(GETCLTID,CLIENTID,ERRNO,RETCODE),VL	0	CALL	IMS1210.SDFSISRC	IMS1210.SDFSISRC	DBFSAMA1	TEST
DBFSAMA1	DBFSAMA1	532	EZASOKET	(SOCKET,AFINET,SOCKETTYPE,PROTO,ERRNO,RETCODE),VL	0	CALL	IMS1210.SDFSISRC	IMS1210.SDFSISRC	DBFSAMA1	TEST
DBFSAMA1	DBFSAMA1	576	EZACIC08	,VL	0	CALL	IMS1210.SDFSISRC	IMS1210.SDFSISRC	DBFSAMA1	TEST
DBFSAMA1	DBFSAMA1	592	EZASOKET	(CONNECT,SOCDESC,SERVSOC,ERRNO,RETCODE),VL	0	CALL	IMS1210.SDFSISRC	IMS1210.SDFSISRC	DBFSAMA1	TEST
DBFSAMA1	DBFSAMA1	652	EZASOKET	(WRITE,SOCDESC,DATAL EN,(R6),ERRNO,RETCODE),VL	0	CALL	IMS1210.SDFSISRC	IMS1210.SDFSISRC	DBFSAMA1	TEST

Right mouse click, then
GRAPH –
Programs Call Diagram

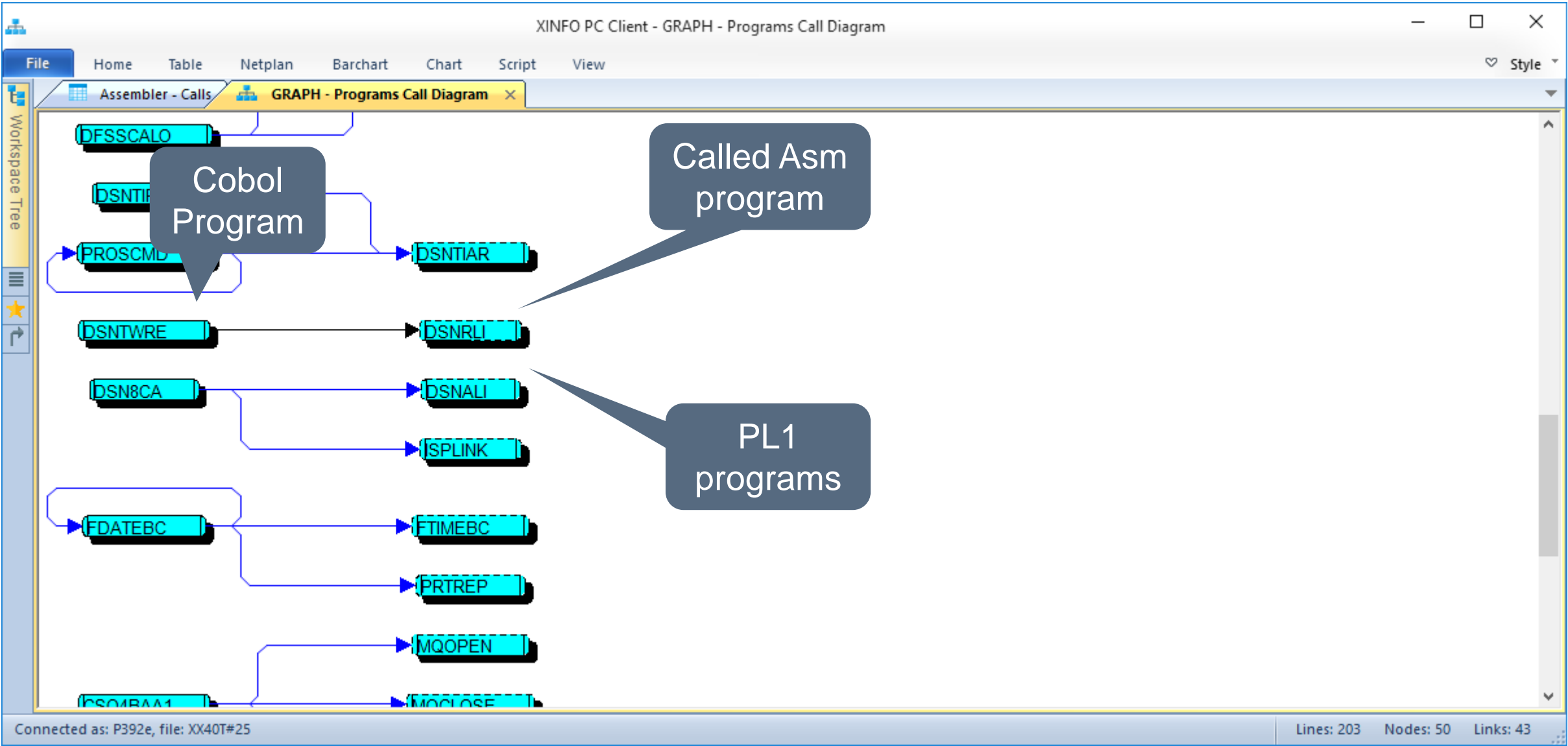
Connected as

Lines: 200

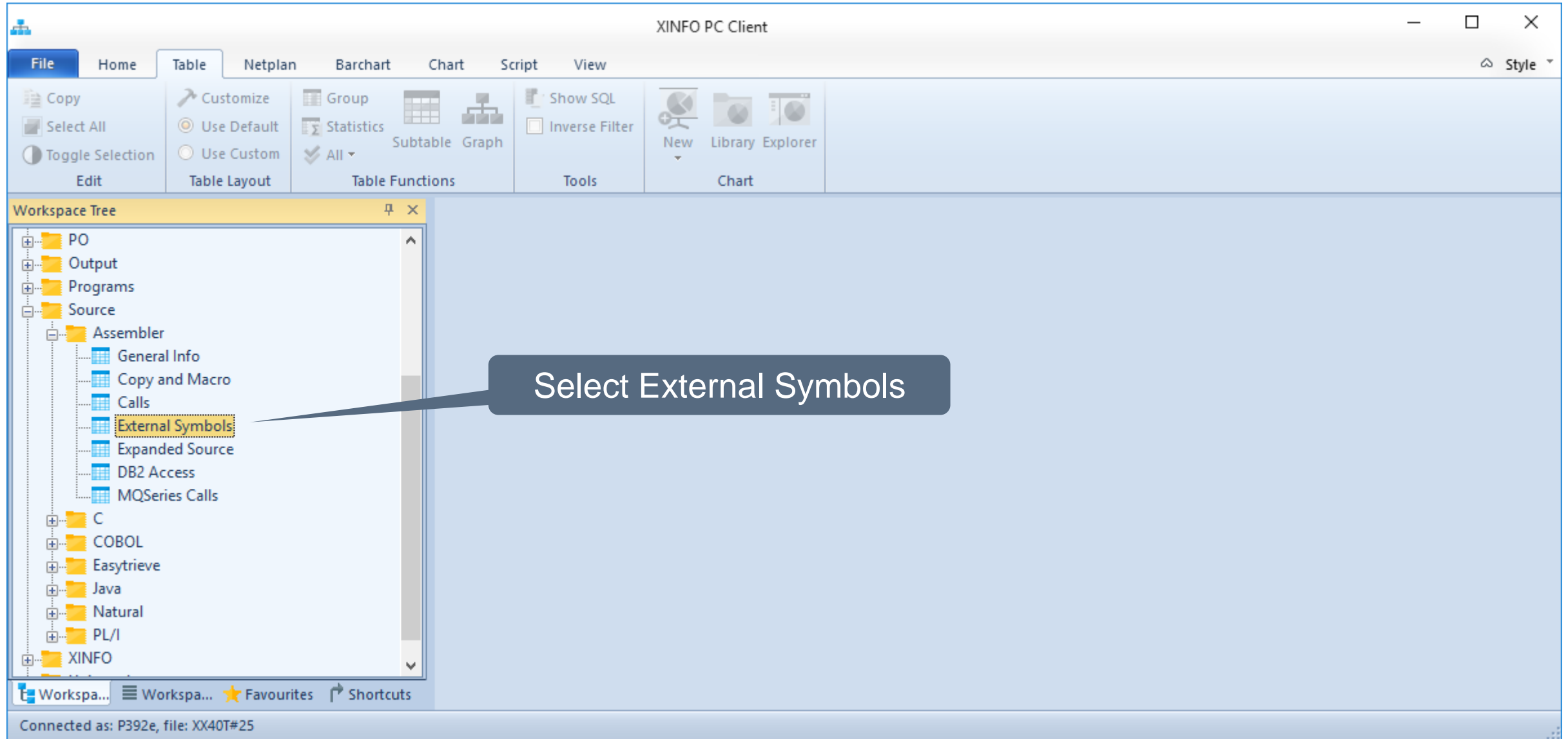
Assembler – Call Graph



Assembler – Call Graph

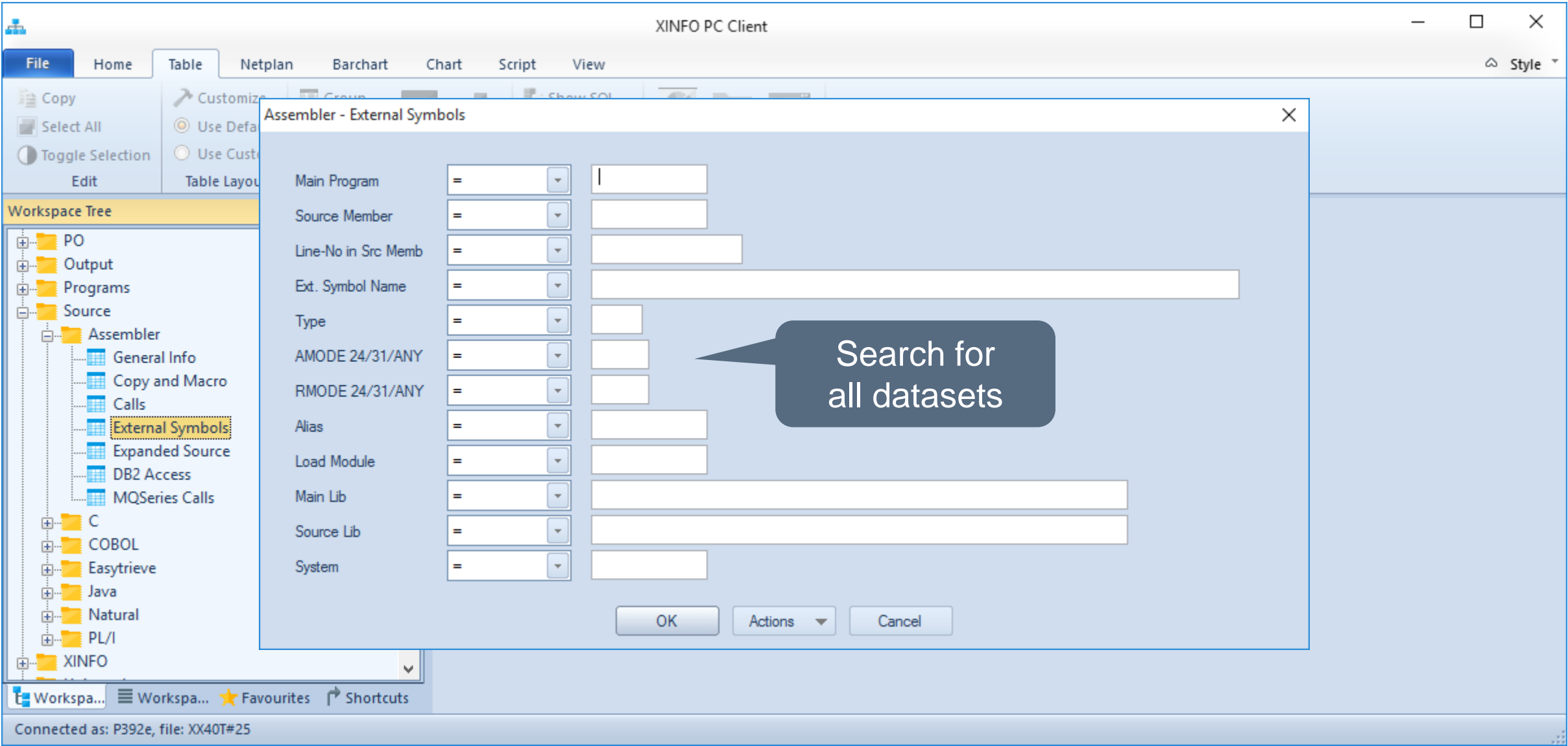


Assembler – External Symbols



Select External Symbols

Assembler – External Symbols



Assembler – External Symbols

XINFO PC Client - Assembler - External Symbols

FileHomeTableNetplanBarchartChartScriptView

Assembler - External Symbols

MainPgm	SrcMemb	Line	ExtSym	Type	AM	RM	Alias	Main-Lib	Sym
<all>	<all>	<...>	<all>	<...>	<...>	<...>	<...>	<all>	
DFSUINIT	DFSUINIT	108	HWSUINIT	SD	31	ANY		IMS1210.SDFSISRC	IMS1210.S
DFSUINIT	DFSUINIT	166	INPARM	DS					
DFSUINIT	DFSUINIT	172	SAMPWORK	DS					
DFSUINIT	HWSXIB	65	HWSXIB	DS				IMS1210.SDFSISRC	IMS1210.S
DFSUINIT	HWSXIBDS	52	HWSXIBDS	DS				IMS1210.SDFSISRC	IMS1210.S
CSQBDEFV	CSQBDEFV	36	CSQBDEFV	SD	31	ANY		CSQ800.SCSQASMS	CSQ800.S
CSQCSPLT	CSQCSPLT	23	DFHEISTG	DS				CSQ800.SCSQASMS	CSQ800.S
CSQFSYSP	CSQFSYSP	33	CSQFSYSP	SD	31	ANY		CSQ800.SCSQASMS	CSQ800.S
CSQFSYSP	CSQ6SYSP	1077	CSQ6SYSP	SD	31	ANY		CSQ800.SCSQASMS	CSQ800.S
CSQJARVP	CSQJARVP	33	CSQJARVP	SD	31	ANY		CSQ800.SCSQASMS	CSQ800.S
CSQJARVP	CSQ6ARVP	432	CSQ6ARVP	SD	31	ANY		CSQ800.SCSQASMS	CSQ800.S
CSQJLOGP	CSQJLOGP	35	CSQJLOGP	SD	31	ANY		CSQ800.SCSQASMS	CSQ800.S
CSQJLOGP	CSQ6LOGP	296	CSQ6LOGP	SD	31	ANY		CSQ800.SCSQASMS	CSQ800.S
CSQQDEFV	CSQQDEFV	37	CSQQDEFV	SD	31	ANY		CSQ800.SCSQASMS	CSQ800.S
CSQ4BAA1	CSQ4BAA1	240	WORKAREA	DS				CSQ800.SCSQASMS	CSQ800.SCSQASMS
CSQ4BAA1	CSQ4BAA1	287	CSQ4BAA1	SD	31	24		CSQ800.SCSQASMS	CSQ800.SCSQASMS
CSQ4BAA1	CALL	102	MQCONN	ER				CSQ800.SCSQASMS	SYS1.MACLIB
CSQ4BAA1	CALL	102	MQOPEN	ER				CSQ800.SCSQASMS	SYS1.MACLIB
CSQ4BAA1	CALL	102	MQGET	ER				CSQ800.SCSQASMS	SYS1.MACLIB
CSQ4BAA1	CALL	102	MQCLOSE	ER				CSQ800.SCSQASMS	SYS1.MACLIB
CSQ4BAA1	CALL	102	MQDISC	ER				CSQ800.SCSQASMS	SYS1.MACLIB
CSQ4BAF1	CSQ4BAF1	60	CSQ4BAF1	SD	31	ANY		CSQ800.SCSQASMS	CSQ800.SCSQASMS
CSQ4BAF1	CSQ4BAF1	145	CSQ4BAF1	SD				CSQ800.SCSQMACS	CSQ800.SCSQMACS
CSQ4BAF1	CSQ4BAF1		CSQ4BAF1	SD				CSQ800.SCSQMACS	CSQ800.SCSQMACS
CSQ4BAF1	CSQ4BAF1		CSQ4BAF1	SD				CSQ800.SCSQMACS	CSQ800.SCSQMACS
CSQ4BAF1	CSQ4BAF1		CSQ4BAF1	SD				CSQ800.SCSQMACS	CSQ800.SCSQMACS

ESD typed (see Assembler Programmer's Guide):

SD Section Definition (CSECT)

LD Label Definition (entry point)

ER External Reference

ED Element Definition (class)

PC Private Code Section

CM Common Section

XD External Dummy Section

PR Part Reference

WX Weak External Reference

DS Dummy Section (DSECT)

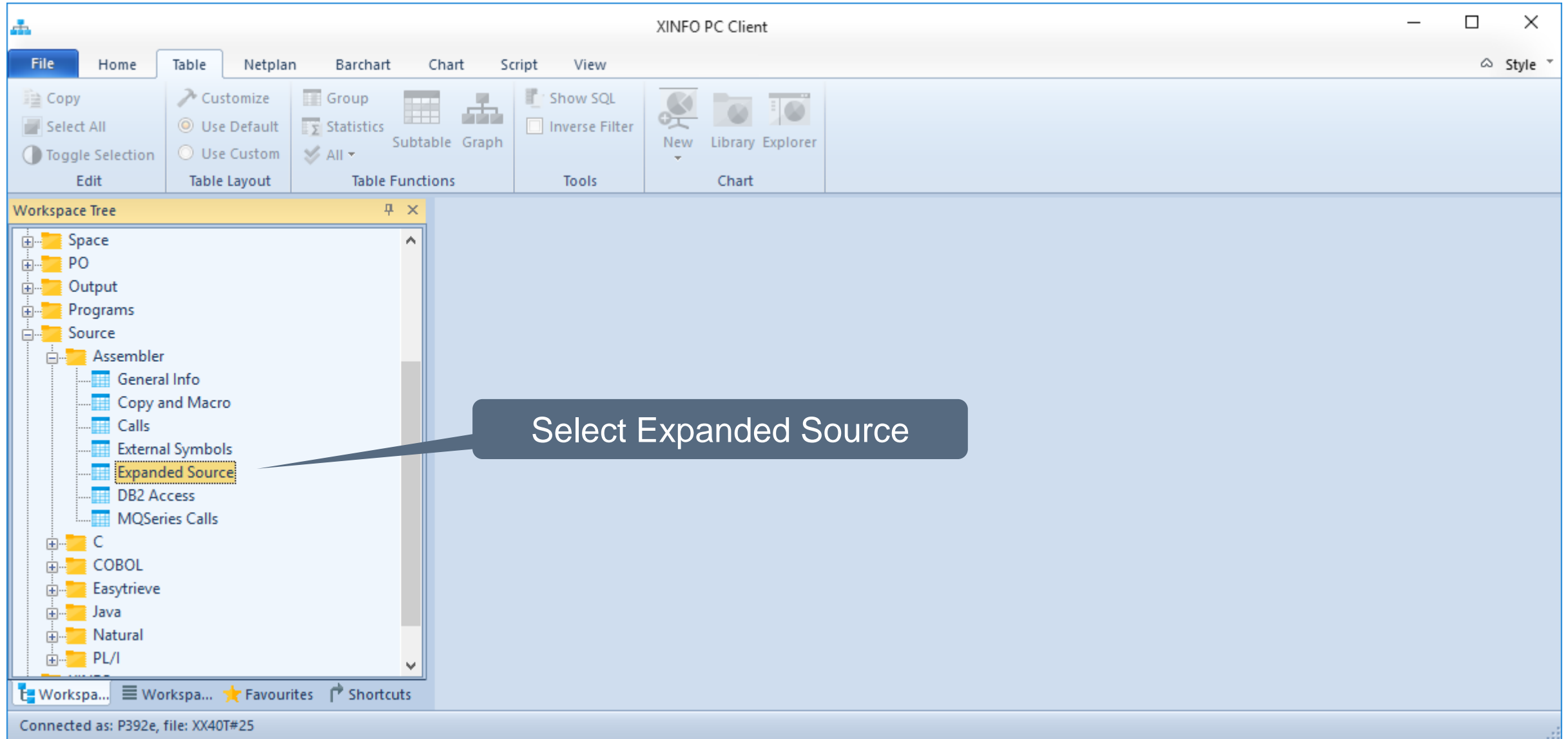
Programs

External symbols

Connected as: P392e, file: XX40T#25

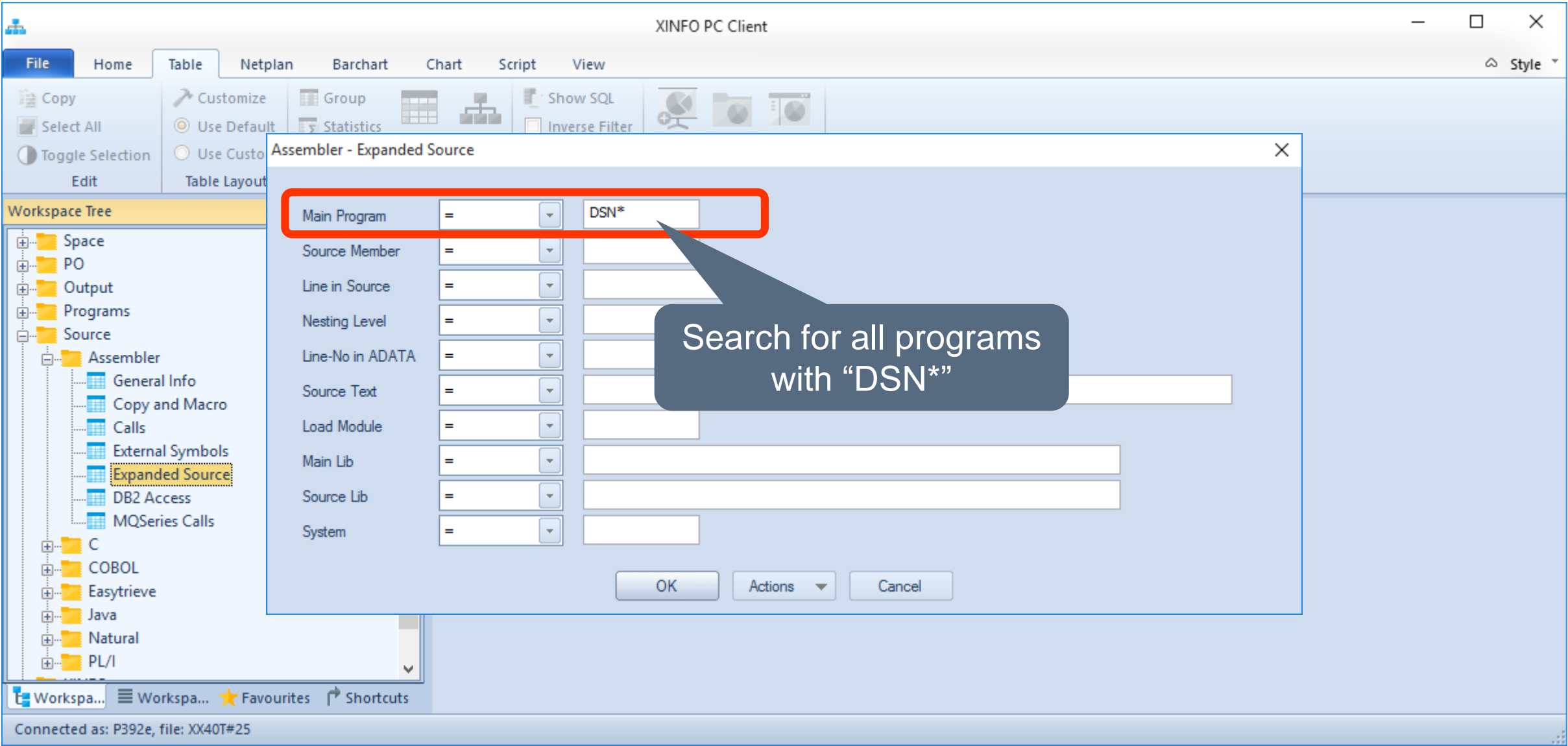
Lines: 317

Assembler – Expanded Source



Select Expanded Source

Assembler – Expanded Source



Assembler – Expanded Source

XINFO PC Client - Assembler - Expanded Source

File Home Table Netplan Barchart Chart Script View

Assembler - Expanded Source

MainPgm	SrcMemb	Line	Nest	Line-No	Source	Source-Lib	Main-Lib	Load-Mod	System
<all>	<all>	<..	<...>	<all>	<all>	<all>	<all>	<all>	<all>
DSNASCIX	DSNASCIX	1	0	1	TITLE 'DSNASCIX(Sample exit for DSNACICS Stored Procedure)'	00010000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	2	0	2	-----	00020000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	3	0	3	* 00030000		DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	4	0	4	* MODULE NAME = DSNACICX (SAMPLE EXIT for DSNACICS)	* 00040000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	5	0	5	* 00050000		DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	6	0	6	* DESCRIPTIVE NAME = Sample exit for DSNACICS stored procedure	* 00060000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	7	0	7	* 00070000		DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	8	0	8	* LICENSED MATERIALS - PROPERTY OF IBM	* 00080000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	9	0	9	* 5625-DB2	* 00090000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	10	0	10	* (C) COPYRIGHT 2003 IBM CORP. ALL RIGHTS RESERVED.	* 00100000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	11	0	11	* 00110000		DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	12	0	12	* STATUS = VERSION 8	* 00120000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	13	0	13	* 00130000		DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	14	0	14	* FUNCTION =	* 00140000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	15	0	15	* This exit can be used to modify any of the parameters passed	* 00150000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	16	0	16	* to the stored procedure DSNACICS.	* 00160000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	17	0	17	* 00170000		DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	18	0	18	* INPUT	* 00180000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	19	0	19	* DESCRIPTION = The XPL (exit parameter list) will be	* 00190000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	20	0	20	* the only parameter for this routine. The format	* 00200000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	21	0	21	* of this DSECT is declared in the macro DSNDXPL.	* 00210000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	22	0	22	* 00220000		DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	23	0	23	* 00230000		DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST
DSNASCIX	DSNASCIX	24	0	24	* REGISTER CONVENTIONS =	* 00240000	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	DSNACICX TEST

Connected as: P392e, file: XX40T#25

Lines: 5000

Source Lines, including Source from Copy/Macros

Assembler – Expanded Source

The screenshot displays the XINFO PC Client interface. The 'Assembler - Expanded Source' dialog box is open, showing a list of fields on the left and corresponding input fields on the right. The 'Source Text' field is highlighted with a red rectangle and contains the text '*SVC*99*'. A callout bubble points to this field with the text 'To search for “special functions”, e.g. “SVC99”'. The background shows the main application window with a menu bar, toolbar, and workspace tree.

Field	Value
Main Program	=
Source Member	=
Line in Source	=
Nesting Level	=
Line-No in ADATA	=
Source Text	*SVC*99*
Load Module	=
Main Lib	=
Source Lib	=
System	=

To search for “special functions”, e.g. “SVC99”

Assembler – Expanded Source

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

Subtable

Graph

Show SQL

Inverse Filter

Tools

New

Library

Explorer

Chart

Style

Assembler - Expanded Source

MainPgm	SrcMemb	Line	Nest	Line-No	Source	Source-Lib	Main-Lib	Load-Mod	System
<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>
DSNTSMFD	IEFJFCBN	272	0	3254	*/01* SERIALIZATION = None for Interpreter, SVC 99 processing	*/ SYS1.MACLIB	DSNB10.SDSNSAMP	FDATEBC	TEST

This program is calling SVC 99

Connected as: P392e, file: XX40T#25

Lines: 1

Assembler – Expanded Source

The screenshot shows the 'Assembler - Expanded Source' window. On the left is a 'Workspace Tree' with a table containing one record: 'DSNTSMFD IEFJFCBN 27'. The main area displays a 'Details' window with a table of source information. A callout bubble points to this table with the text: 'Browse source with double left click on the record'.

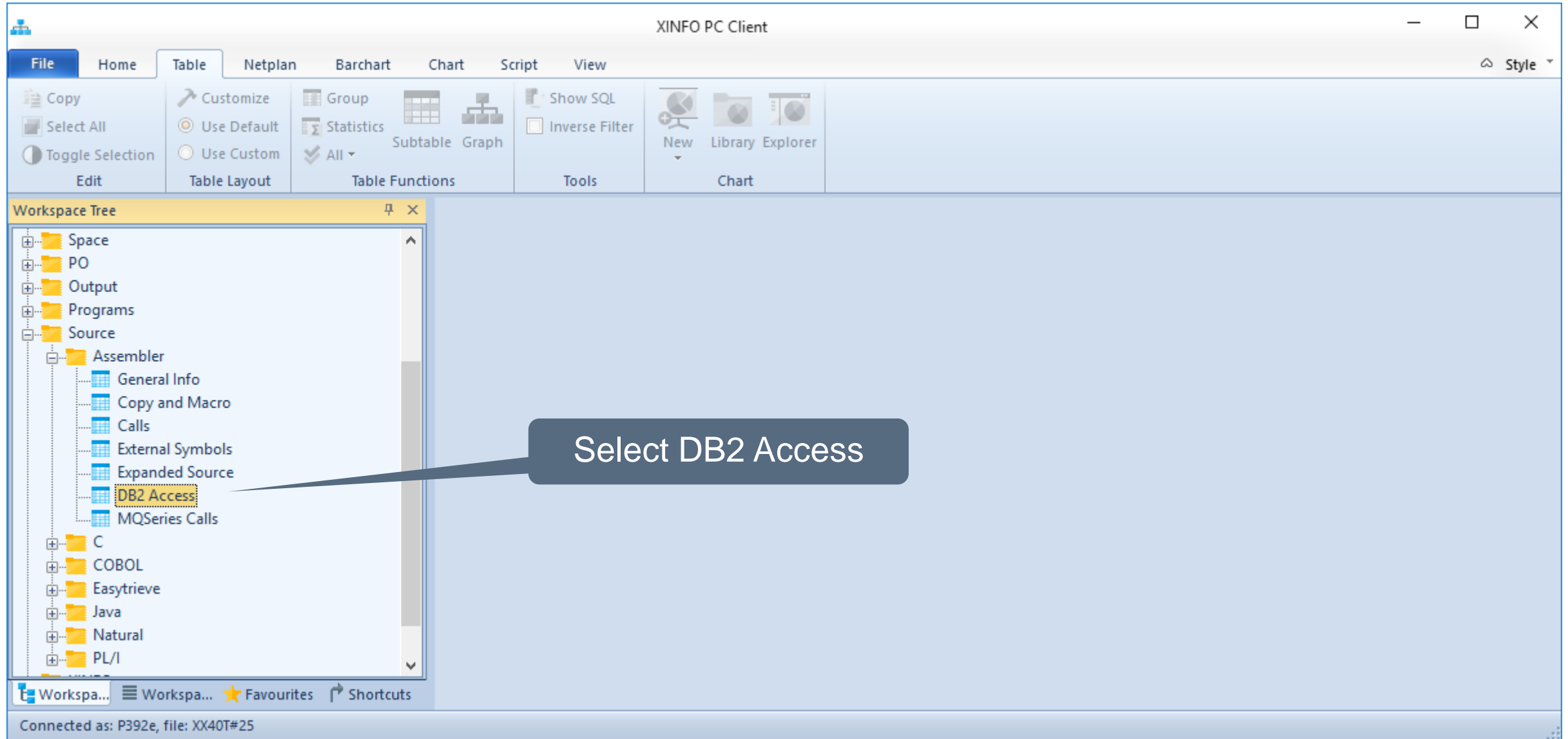
Name	Value
Main Program	DSNTSMFD
Source Member	IEFJFCBN
Line in Source	272
Nesting Level	0
Line-No in ADATA	3254
Source Text	*/01* SERIALIZATION = None for Interpreter, SVC 99 processing */
Source Lib	SYS1.MACLIB
Main Lib	DSNB10.SDSNSAMP
Load Module	FDATEBC
System	TEST

Connected as: P392e, file: XX40T#25

OK Copy Print... Save As...

Lines: 1

Assembler – DB2 Access



Select DB2 Access

Assembler – DB2 Access

File

Home

Table

Net...

Desktop

Chart

Print

View

Copy

Select All

Toggle Selection

Edit

Customize

Use Defau

Use Custor

Table Layout

Workspace Tree

Space

PO

Output

Programs

Source

Assembler

General Info

Copy and Macro

Calls

External Symbols

Expanded Source

DB2 Access

MQSeries Calls

C

COBOL

Easytrieve

Java

Natural

PL/I

XINFO PC Client

Assembler - DB2 Access

Main Program

=

Source Member

=

Line

=

SubSys

=

Prefix

=

Object

=

Object Type

=

Action

=

Column Name

=

Column Usage

=

Load Module

=

Main Lib

=

Source Lib

=

System

=

OK

Actions

Cancel

Search for used DB2 objects

Workspa...

Workspa...

Favourites

Shortcuts

Connected as: P392e, file: XX40T#25

Assembler – DB2 Access

XINFO PC Client - Assembler - DB2 Access

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

Assembler - DB2 Access

MainPgm	SrcMemb	Line	Subsys	Prefix	Object	ObjType	Action	ColName	ColUse	Source-Lib	Main-Lib	Load-Mod	System
<all>	<all>	<..>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>
DSNTIAD	DSNTIAD	840			SQLCA	INCLUDE	INCLUDE			DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	PROSCMD	TEST
DSNTWRS	DSNTWRS	957		SYSIBM	SYSDUMMY1	TABLE/VIEW	SELECT			DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	CEEMAIN	TEST
DSNTWRS	DSNTWRS	1835		SYSIBM	SYSDUMMY1	COLUMN	SELECT	SYSIBM.SSID	SELECT	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	CEEMAIN	TEST
DSNTWRS	DSNTWRS	2053			SQLCA	INCLUDE	INCLUDE			DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	CEEMAIN	TEST

Connected as: P392e, file: XX40T#25

Lines: 4

XINFO analyses SQL statements.
You can search for tables, columns
and usage (SELECT, INSERT etc.)

PC Client – Do you have any question about XINFO ASM?

The screenshot displays the XINFO PC Client interface, which is divided into several panes. On the left is the 'Workspace Tree' showing a hierarchical view of the project structure, including folders like 'Space', 'PO', 'Output', 'Programs', 'Source', and 'Assembler'. The main area is split into two windows. The top window, titled 'XINFO PC Client - Assembler - DB2 Access', shows a table of assembly data. The bottom window, titled 'XINFO PC Client - GRAPH - Programs Call Diagram', displays a call graph with nodes representing programs and their interconnections.

Assembler - DB2 Access Table:

MainPgm	SrcMemb	Line	Subsys	Prefix	Object	ObjType	Action	ColName	ColUse	Source-Lib	Main-Lib	Load-Mod	System
DSNTIAD	DSNTIAD	840			SQLCA	INCLUDE	INCLUDE			DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	PROSCMD	TEST
DSNTWRS	DSNTWRS	957		SYSIBM	SYSDDUMMY1	TABLE/VIEW	SELECT			DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	CEEMAIN	TEST
DSNTWRS	DSNTWRS	1835		SYSIBM	SYSDDUMMY1	COLUMN	SELECT	SYSIBM.SSID	SELECT	DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	CEEMAIN	TEST
DSNTWRS	DSNTWRS	2053			SQLCA	INCLUDE	INCLUDE			DSNB10.SDSNSAMP	DSNB10.SDSNSAMP	CEEMAIN	TEST

GRAPH - Programs Call Diagram:

The call diagram shows a flow of program calls. Nodes are represented by colored rectangles with text labels. Arrows indicate the direction of the calls. The nodes include: DSNTIAD, DSNTIR, PROSCMD, DSNTWRE, DSN8CA, FDATEBC, DSNBAA1, DSNTIAR, DSNRLI, DSNALI, ISPLINK, FTIMEBC, PRPREP, MQOPEN, and MQCLOSE.

Yes?
info@horizont-it.com

Thanks for your attention! Do you have any questions?

The logo for 'HORIZONT' is displayed in a large, bold, sans-serif font. The letter 'H' is dark grey, while the 'O' is a vibrant red. The remaining letters 'RIZONT' are dark grey. The background is a light grey gradient. On the left side, there is a large red curved shape. Scattered around the text are several small, faint geometric shapes: a blue square, a yellow triangle, a blue square, and a yellow circle.

HORIZONT

Please feel free to visit us in Munich or send an email to
info@horizont-it.com