



# HORIZONT

XINFO – Scheduler z/OS and DS – Control-M

# Preamble

This presentation gives a comprehensive overview of XINFO's Scheduler for z/OS and DS for Control-M.

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

e.g. jump to slide xyz

Click on this symbol to jump to the overview slide

# Examples

**XINFO – Scheduler z/OS and DS –  
Control-M**

Architecture

Job Definition

Scheduling

Resources

IN-/OUT Condition

DO (Step) Action

Set Variables

Job History

IOALOG

Job Statistics

Forecast

Netplans

Barchart

Batch Interface

Export: Excel, HTML, Word

Line Commands

XINFO vs Control-M/Desktop

# XINFO and Control-M

XINFO's Control-M Interface analyzes following Control-M/Server data under z/OS, Unix, Windows etc.:

- General Job Definitions
- Scheduling and Execution Parameters
- Resources
- Conditions
- "ON PGMST", and Steps
- SHOUT, and PostProc
- IOALOG, the base for Job History
- Statistics, Conditions and ctmrpln utility, used for the Forecast

## Important features of XINFO for Control-M:

- Mostly specialized departments only know data from their own applications, but not the corresponding Control-M procedures. Due to this, to get the right job only with file name is very complicated
  - XINFO enables you a powerful and easy-to-use search tool
- Users know their own procedures, but do not have a general overview and Control-M has bad graphic presentation
  - XINFO has a great overview and a clear graphic presentation
- You can use XINFO's script interface to generate automated documentation, e.g. procedures as graphic and information for jobs

## Further advantages of XINFO for Control-M:

- z/OS:
  - Fast respond to orders
  - Research options are comfortable and easy-to-use
  - Easy search for quantitative resources in all scheduling definitions
  - Easy search for control resources, as well for status “share” or “exclusive”
  - Search through ON PGMST Steps in scheduling definitions
  - Creation of graphical flowcharts on job level with specification whether only successor or predecessor are to be displayed
- Distributed:
  - In addition to z/OS:
  - If you use AFT/MFT jobs, you can search for any value in the SET Variables Display with “%%FTP-\*” to make evaluations.

# Control-M – Selection

The screenshot displays the XINFO PC Client interface. The top menu bar includes File, Home, Table, Netplan, Barchart, Chart, Script, and View. Below the menu is a toolbar with icons for Logon, Logoff, SQL, Connect, Options, Help, About, Home, and Note. The main workspace is divided into a left pane labeled 'Workspace Tree' and a right pane. The 'Workspace Tree' pane shows a hierarchical view of Control-M data. A red box highlights the 'Control-M' folder, which contains the following items: Job Definitions, Scheduling, Resources, IN-/OUT-Conditions, ON PGMST / Steps, SET Variables, SHOUT, Capture, Job Script/JCL, IOALOG, Job History, Average Job Duration, Forecast, Job Netplan, Table Netplan, and Job Runtime Barchart. Three callout boxes point to specific items in the tree: 'Cross reference for Control-M data' points to 'IN-/OUT-Conditions', 'Job History and Forecast' points to 'Job History', and 'Flowcharts' points to 'Job Netplan'. The status bar at the bottom indicates 'Connected as: P392E, file: XX42N#25'.

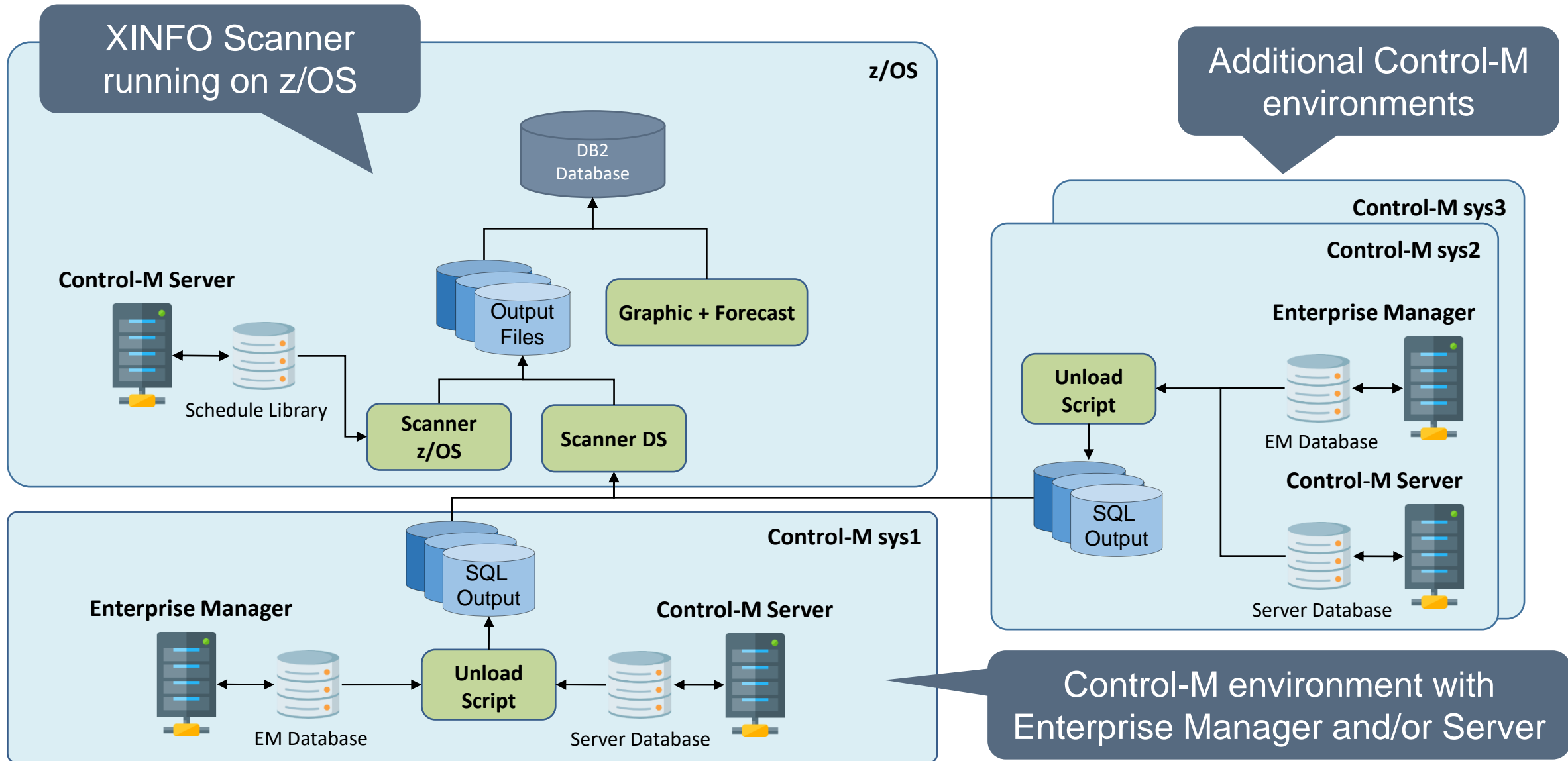
XINFO is an add-on to Control-M GUI. XINFO collects data from all Control-M systems, independently from the platform. Therefore, XINFO gives you an overview about all systems.

Cross reference for Control-M data

Job History and Forecast

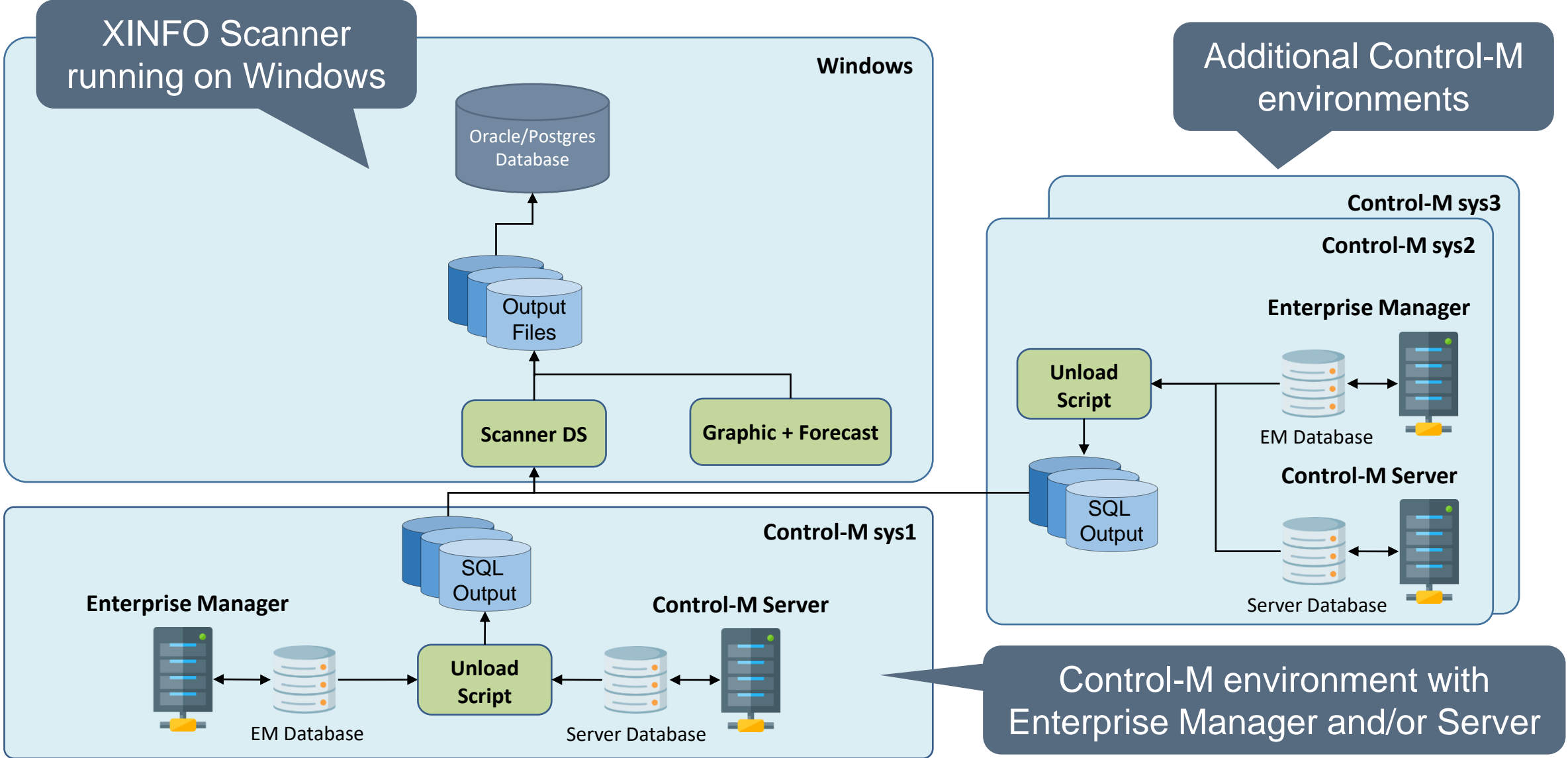
Flowcharts

# XINFO for Control-M with z/OS and DB2

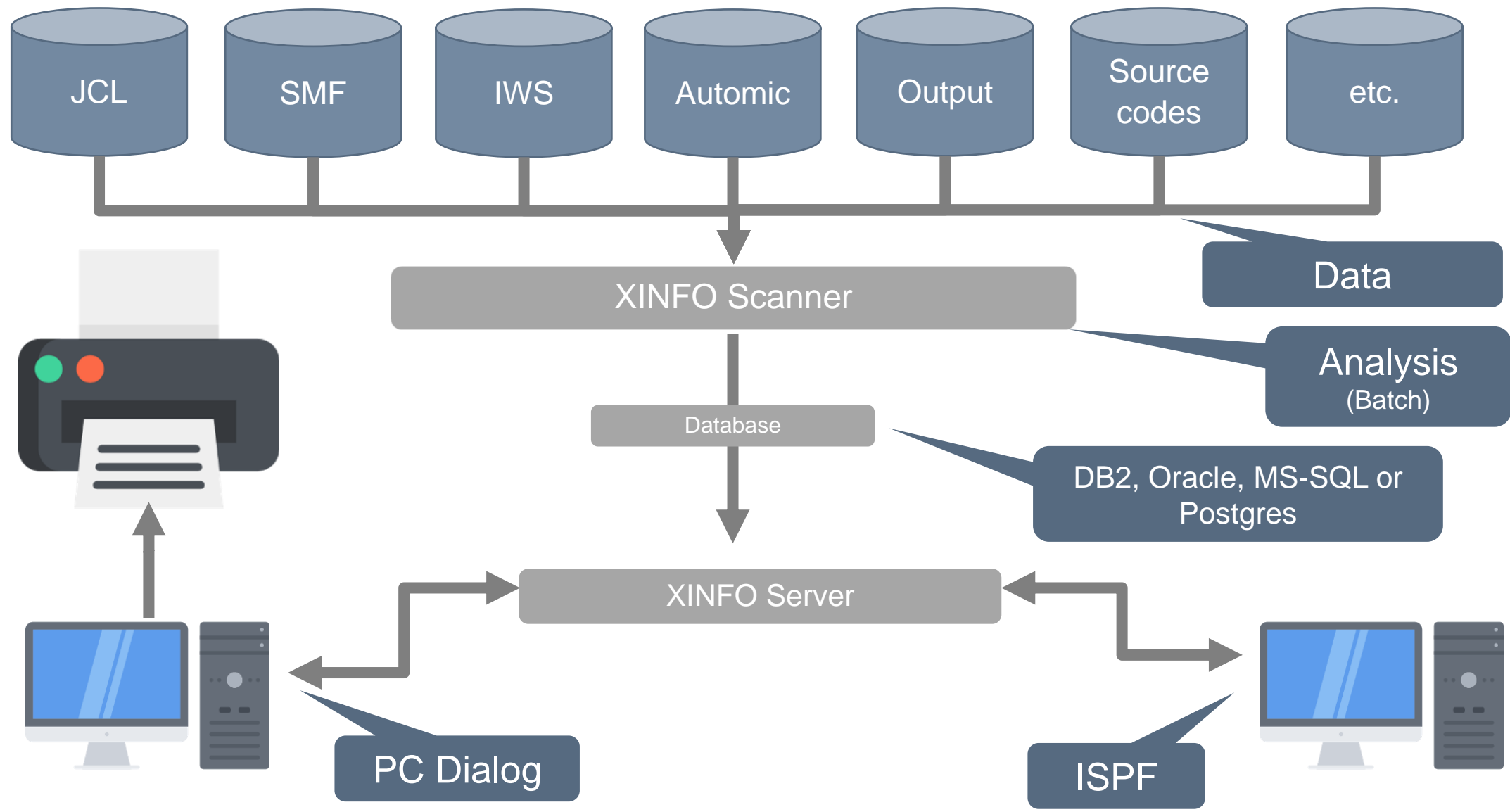




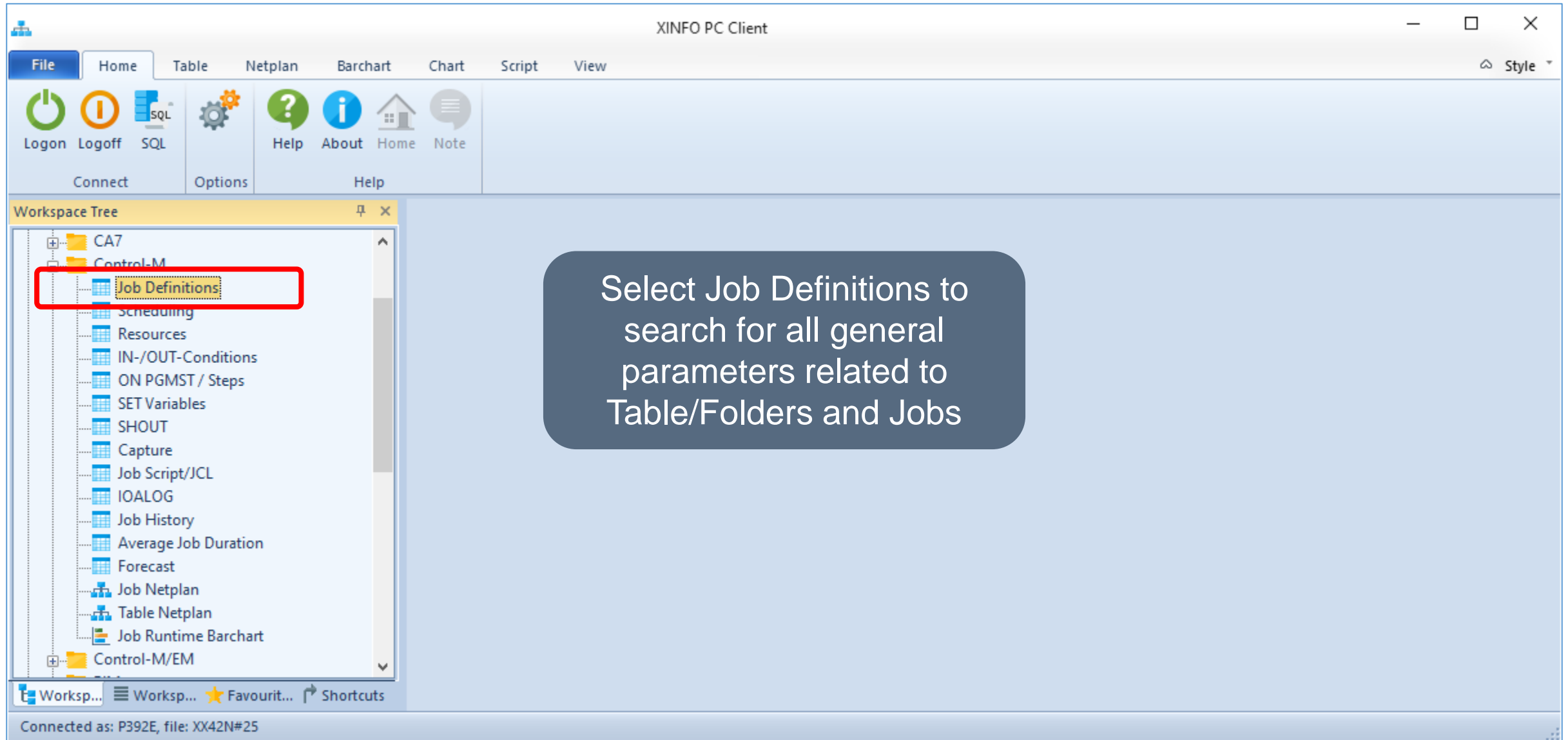
# XINFO for Control-M with Windows



# A Technical Overview



# Control-M – Job Definitions



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'. Below the menu bar is a toolbar with icons for 'Logon', 'Logoff', 'SQL', 'Options', 'Help', 'About', 'Home', and 'Note'. The 'Workspace Tree' on the left side of the window shows a hierarchy of folders. The 'Control-M' folder is expanded, and the 'Job Definitions' folder is highlighted with a red rectangle. The main area of the window is currently empty. A dark blue callout box with white text is overlaid on the right side of the window, stating: 'Select Job Definitions to search for all general parameters related to Table/Folders and Jobs'. The status bar at the bottom indicates 'Connected as: P392E, file: XX42N#25'.

Select Job Definitions to search for all general parameters related to Table/Folders and Jobs

# Control-M – Job Definitions

Control-M Job Definitions

MEMNAME/Filename

=

Jobname (d)

=

Table/Folder

=

A\*

Application

=

Group/Sub Appl.

=

Owner/Run As

=

CTM\*

Created By (d)

=

Tasktype

=

Description

=

CmdLine (d)

=

Type (Job/Table)

=

Library/Path

=

Schedule Lib (z)

=

Override Lib/Path

=

Doc Member/File

=

Doc Library/Path

=

Control-M System

=

Search all jobs in Tables: A\*  
with Owner: ctm\*

Scheduling Env. (z)

=

System Id (z)

=

Host (d)

=

Hostgroup (d)

=

Critical (d)

=

Priority

=

Confirm

=

Time From

=

HH:MM

Time Until

=

Time Due-Out (z)

=

HH:MM

Time Zone

=

Cyclic

=

Interval

=

Max Reruns

=

Rerun Member (z)

=

CTD System (z)

=

OK

Actions

Cancel

## Control-M – Job Definitions

[illegible]

# Control-M – Job Definitions

XINFO PC Client - Control-M Job Definitions

File Home Table Netplan Barchart Chart Script View

Control-M Job Definitions

Workspace Tree

MEMNAME/FileName DS-Jobname Table/Folder Application Group/Sub-Application Owner/Run-As Created-By Typ Appl-Type Host Hostgroup Appl-Form Description

<all> <all> <all> <all> <all> <all> <all> <all> <all> <all> <all> <all> <all>

HJOB0013 HJOB0012 HJOB0012 HJOB0011 HJOB0011 HJOB0010 HJOB0010 HJOB0006 HJOB0006 HJOB0005 HJOB0005 HJOB0004 HJOB0004 HJOB0003 HJOB0003 HJOB0002 HJOB0002 HJOB0001 HJOB0001

APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01 APPL01

APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001 APPLICATION001

SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001 SUBAPPL001

CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR CTMUSR

JOB JOB JOB JOB JOB JOB JOB JOB JOB JOB JOB JOB JOB JOB JOB JOB JOB JOB JOB

PLANNED JOB WITH DATES PLANNED JOB WITH DAYS PLANNED JOB WITH DAYS PLANNED JOB WITH DAYS + W PLANNED JOB WITH DAYS + W PLANNED JOBS WITH DAYS PLANNED JOBS WITH DAYS JOB WITH SYSOUT TO DEST + JOB WITH SYSOUT TO DEST + JOB WITH SYSOUT TO FILE + R JOB WITH SYSOUT TO FILE + R SIMPLE JOB WITH SYSOUT CH SIMPLE JOB WITH SYSOUT CH SIMPLE JOB WITH CTB AND EC SIMPLE JOB WITH CTB AND EC SIMPLE JOB WITH SET VAR SIMPLE JOB WITH SET VAR

HORJOB40 HORJOB43 HORJOB42 HORJOB41

AdminUtilities AdminUtilities AdminUtilities AdminUtilities

HORAPPL30 HORAPPL30 HORAPPL30 HORAPPL30

HORSUBCTM HORSUBCTM HORSUBCTM HORSUBCTM

ctmuser ctmuser ctmuser ctmuser

emuser emuser emuser emuser

C C C C

OS OS OS OS

From z/OS Control-M

From distributed Control-M

Connected as: P392E, file: XX42N#25

Lines: 94

# Control-M – Job Definitions, Host (id)

Control-M Job Definitions

MEMNAME/Filename

=

Jobname (d)

=

Table/Folder

=

Application

=

Group/Sub Appl.

=

Owner/Run As

=

Created By (d)

=

Tasktype

=

Description

=

CmdLine (d)

=

Type (Job/Table)

=

Library/Path

=

Schedule Lib (z)

=

Override Lib/Path

=

Doc Member/File

=

Doc Library/Path

=

Control-M System

=

Scheduling Env. (z)

=

System Id (z)

=

Host (d)

=

PC138

Hostgroup (d)

=

Critical (d)

=

Priority

=

Confirm

=

Time From

=

HH:M

Time Until

=

Time Due-Out (z)

=

HH:MM

Time Zone

=

Cyclic

=

Interval

=

Max Reruns

=

Rerun Member (z)

=

CTD Category (z)

=

OK

Actions

Cancel

Search all jobs  
running on "PC138"

# Control-M – Job Definitions, Host (id)

XINFO PC Client - Control-M Job Definitions

File Home Table Netplan Barchart Chart Script View

Control-M Job Definitions

Workspace Tree

MEMNAME/Filename	DS-Jobname	Table/Folder	Application	Group/Sub-Application	Host	Hostgroup	Owner/Run-As	Created-By	Typ	Appl-Type	Appl-Form	Description
<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>
Sample - Failed Executions.em.rpt	tst_ReportingFacility	xxxu139040_ATEC0200	HOR0010	HORSUB	pc138	pc138	emuser	AM	B	Report	Control-M Report	
active-jobs.rptdesign	HORREP01	Communication	HORAPPL100	HORAPPL100_REPOR	pc138	pc138	emuser	emuser	B	Report	Control-M Report	
xxrcctm_jpr.bat	HORPROD001	XINFOForecast Utility	HORPROD01	HORPRODUTIL	pc138	pc138	emuser	emuser	B	OS		This a productive j
	CaleTest-Job11	CAL_FOL1	CALYPSO	CAL_FOL1	pc138	pc138	pavelp	emuser	C	OS		Test job 1
	CaleTest-Job12	CAL_FOL1	CALYPSO	CAL_FOL1	pc138	pc138	pavelp	emuser	C	OS		
	CaleTest-Job22	CAL_FOL2	CALYPSO	CAL_FOL2	pc138	pc138	pavelp	emuser	C	OS		
	CaleTest-Job21	CAL_FOL2	CALYPSO	CAL_FOL2	pc138	pc138	pavelp	emuser	C	OS		Test job 1
Sample - Failed Executions.em.rpt	tst_ReportingFacility	u139040_ATEC0200	HOR0077	HORSUB	pc138	pc138	emuser	AM	B	Report	Control-M Report	
dir.exe	AnotherJob	Testfolder			pc138	pc138	john	emuser	D	OS		ccc
autoexec.bat	Job1-script	Testfolder			pc138	pc138	john	emuser	D	OS		

Jobs

Host, Hostgroup

Connected as: P392E, file: XX42N#25

Lines: 10



# Control-M – Job Definitions

Control-M Job Definitions

Doc Member/File

=

Doc Library/Path

=

Control-M System

=

Scheduling Env. (z)

=

System Id (z)

=

Host (d)

=

Hostgroup (d)

=

Critical (d)

=

Priority

=

Confirm

=

Time From

=

HH:MM

Time Until

=

Time Due-Out (z)

=

HH:MM

Time Zone

=

Cyclic

=

Interval

=

Max Reruns

=

Rerun Member (z)

=

CTD Category (z)

=

Datamem (d)

=

Minimum Tracks (z)

=

PDS Library (z)

=

Keep Days (z)

=

Keep Generation (z)

=

Sysout Option

=

Sysout Pam

=

Autoarchive (z)

=

SYSDDB (z)

=

Max Days

=

Max Runs

=

CTB Start Type (z)

=

More selection, e.g. "Confirm"

keep for restart

Sysout options

keep archive SYSDATA

Cyclic jobs

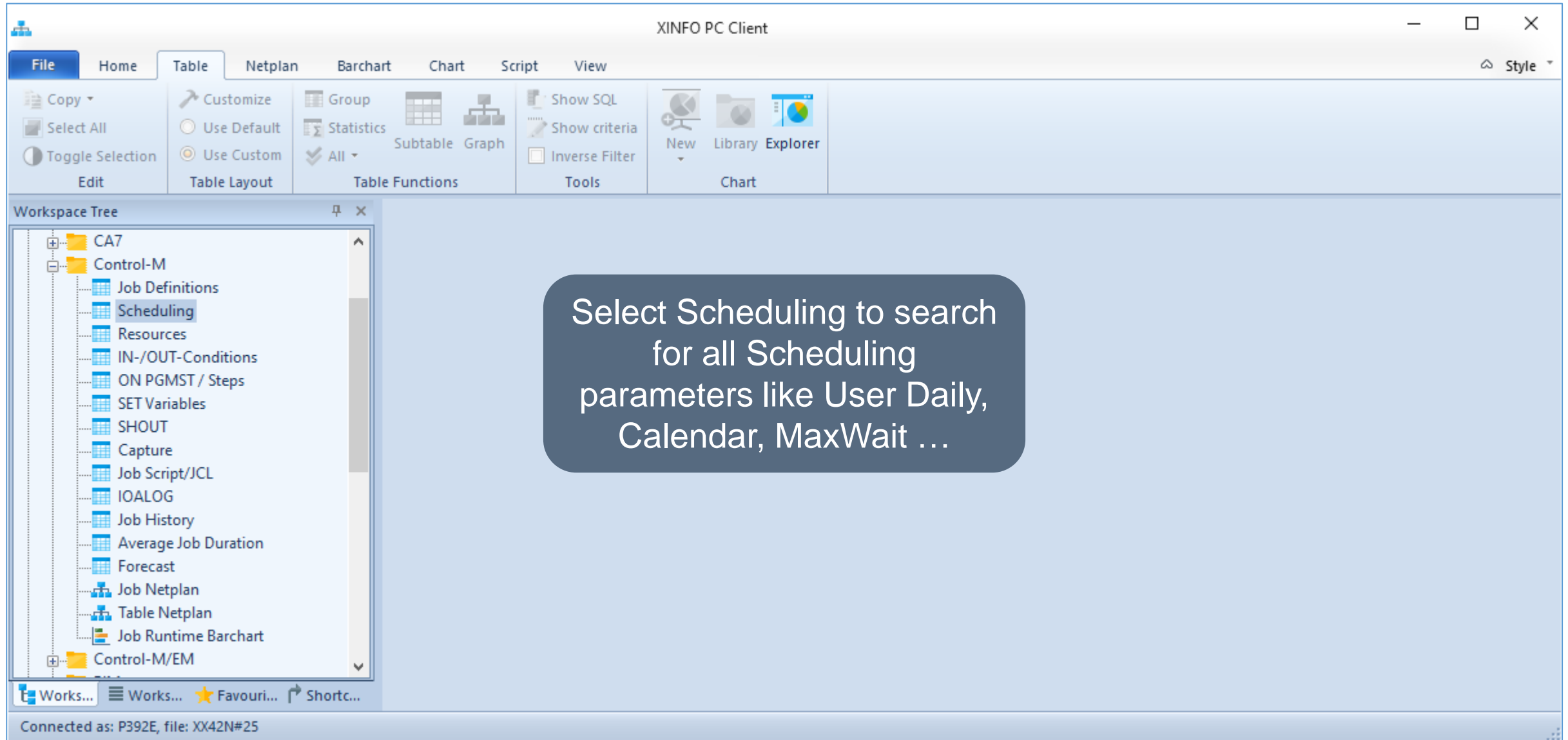
Time dependencies

OK

Actions

Cancel

# Control-M – Scheduling, calendar



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 several groups of icons: "Edit" (Copy, Select All, Toggle Selection), "Table Layout" (Customize, Use Default, Use Custom), "Table Functions" (Group, Statistics, All), "Tools" (Show SQL, Show criteria, Inverse Filter), and "Chart" (New, Library, Explorer). On the left, the "Workspace Tree" pane shows a hierarchical structure. Under the "Control-M" folder, the "Scheduling" item is selected. Other items in the tree include "CA7", "Job Definitions", "Resources", "IN-/OUT-Conditions", "ON PGMST / Steps", "SET Variables", "SHOUT", "Capture", "Job Script/JCL", "IOALOG", "Job History", "Average Job Duration", "Forecast", "Job Netplan", "Table Netplan", "Job Runtime Barchart", and "Control-M/EM". A dark blue callout box with white text is overlaid on the right side of the workspace, stating: "Select Scheduling to search for all Scheduling parameters like User Daily, Calendar, MaxWait ...". The status bar at the bottom indicates "Connected as: P392E, file: XX42N#25".

Select Scheduling to search for all Scheduling parameters like User Daily, Calendar, MaxWait ...

# Control-M – Scheduling, calendar

Control-M Scheduling

MEMNAME/Filename	=		
Jobname (d)	=		
User Daily (d)	=		
Month Days	=		
Calendar	NOT EMPTY		
Week Days	=		
Week Calendar	=		
Relation Days-Wdays	=		
Months	=		
Confirm. Calendar	=		
Shift	=		
Dates (z)	=		
Retroactive	=		
Maxwait/Keep Active	=		
Schedule RBC	=		
RBC Number (z)	=		
RBC Relationship	=		
Type (Job/Table)	=		
Control-M System	=		
Schedule Lib (z)	=		
Application	=		
Table/Folder	=		

OK Actions Cancel

Search all jobs using a calendar (NOT EMPTY)

# Control-M – Scheduling, calendar

XINFO PC Client - Control-M Scheduling

File Home Table Netplan Barchart Chart Script View

Control-M Scheduling

Workspace Tree

MEMNAME/Filename	DS-Jobname	User-Daily	Month-Days	Calendar	Week-Days	Week-Calendar	RI	Months	ConfCal	Shift	Dates	Re	MaxW	Schedule-RBC
<all>	<all>	<all>	<all>	<all>	<all>	<all>		<all>	<all>	<..	<...		<all>	<all>
HJOBFOR1			ALL	DEFAULT			0	YYYYYYYYYYY				N	0	
HJOBG001			ALL	WEEKDAYS			0	YYYYYYNNNNNNN				N	0	SCHED02
HJOBG001			ALL	WEEKDAYS			0	YYYYYYNNNNNNN				N	0	SCHED02
HJOBG002				WEEKDAYS			0	YYYYYYNNNNNNN				N	0	SCHED02
HJOBG003				WEEKDAYS			0	YYYYYYNNNNNNN				N	0	SCHED02
HJOBG003				WEEKDAYS	WORKDAYS		0	NNNNNNYYYYYYY				N	0	
HJOBG005			ALL	DEFAULT			0	YYYYYYYYYYY	DEFAULT			N	0	SCHED01
HJOBG005			ALL	DEFAULT			0	YYYYYYYYYYY	DEFAULT			N	0	SCHED01
HJOBG008				WEEKDAYS			0	YYYYYYYYYYY				N	0	
HJOBG009				WEEKDAYS			0	YYYYYYYYYYY				N	0	
HJOB0012			ALL	DEFAULT	ALL		0	YYYYYYYYYYYN				N	0	
IVP2				ALLDAYS			0	YYYYYYYYYYY				N	0	TAG1
IVPJOB				ALLDAYS			0	YYYYYYYYYYY				N	0	TAG1
TNIJCL01			01.09.10.11.12...	WORKDAYS	<1,>1,-L1,+2,D2,-...	WORKDAYS	0	YYYYYYYYYYY				N	0	
HJOBFOR1			ALL	DEFAULT			0	YYYYYYYYYYY				N	0	
HJOBG001			ALL	WEEKDAYS			0	YYYYYYNNNNNNN				N	0	SCHED02
HJOBG002			ALL	WEEKDAYS			0	YYYYYYNNNNNNN				N	0	SCHED02
HJOBG003			ALL	WEEKDAYS			0	YYYYYYNNNNNNN				N	0	SCHED02
HJOBG003				WEEKDAYS	WORKDAYS		0	NNNNNNYYYYYYY				N	0	
HJOBG005			ALL	DEFAULT			0	YYYYYYYYYYY	DEFAULT			N	0	SCHED01
HJOBG005			ALL	DEFAULT			0	YYYYYYYYYYY	DEFAULT			N	0	SCHED01
HJOB0012			ALL	DEFAULT	ALL		0	YYYYYYYYYYY				N	0	
IVP2				ALLDAYS			0	YYYYYYYYYYY				N	0	TAG1
IVPJOB				ALLDAYS			0	YYYYYYYYYYY				N	0	TAG1

Calendar

Dailyname

Jobs

More scheduling parameters

Connected as: P392E, file: XX42N#25

Lines: 500

# Control-M – Scheduling, Group function

**Group function**

**How often is a calendar used?**

**Group By...**

Group	Column Header	Column Legend	Start	Length
<input type="checkbox"/>	MEMNAME/Filename	MEMNAME/Filename		
<input type="checkbox"/>	DS-Jobname	Jobname (d)		
<input type="checkbox"/>	User-Daily	User Daily (d)		
<input type="checkbox"/>	Month-Days	Month-Days		
<input checked="" type="checkbox"/>	Calendar	Calendar		
<input type="checkbox"/>	Week-Days	Week-Days		
<input type="checkbox"/>	Week-Calendar	Week-Calendar		
<input type="checkbox"/>	RI	Relation Days-Wdays		
<input type="checkbox"/>	Months			
<input type="checkbox"/>	ConfCal			
<input type="checkbox"/>	Shift			
<input type="checkbox"/>	Dates			
<input type="checkbox"/>	Re			
<input type="checkbox"/>	MaxW			
<input type="checkbox"/>	Schedule-RBC	Schedule RBC		
<input type="checkbox"/>	CurNum	RBC Number (z)		
<input type="checkbox"/>	R	RBC Relationship		
<input type="checkbox"/>	T	Type (Job/Table)		
<input type="checkbox"/>	Control-M	Control-M System		
<input type="checkbox"/>	Schedule-Library	Schedule Lib (z)		
<input type="checkbox"/>	Application	Application		
<input type="checkbox"/>	Table/Folder	Table/Folder		
<input type="checkbox"/>	Unique	Unique Number		

OK Cancel

Up Down

Shift Dates Re MaxW Schedule-RBC

N 0 SCHED02

N 0 SCHED02

N 0 SCHED02

N 0 SCHED02

N 0 SCHED01

N 0 SCHED01

N 0

N 0 TAG1

N 0 TAG1

N 0

N 0 SCHED02

N 0 SCHED02

N 0 SCHED02

Connected as: P392E, file: XX42N#25

Lines: 500

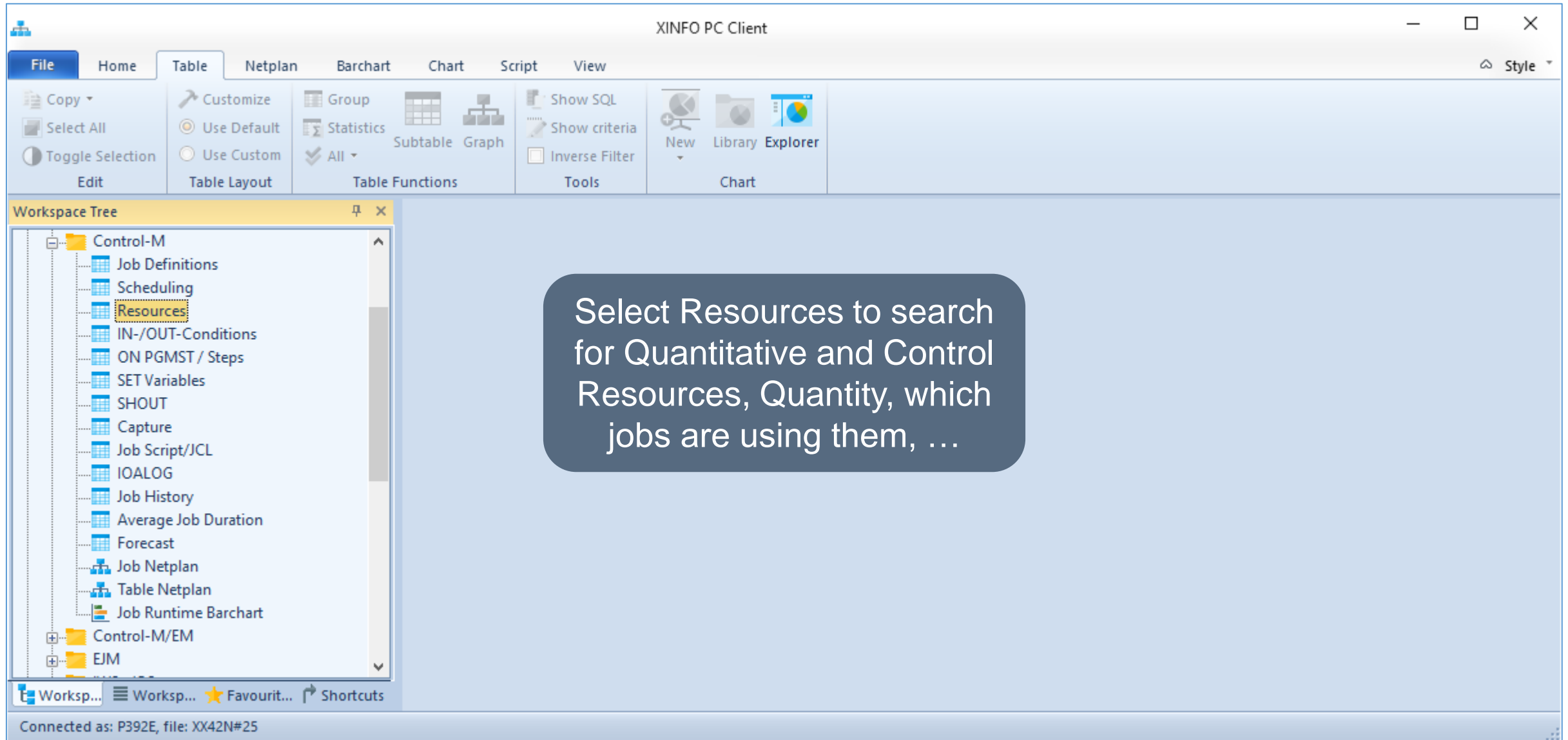
# Control-M – Scheduling, Group function

The screenshot shows the XINFO PC Client interface for Control-M Scheduling. The 'Table' tab is selected, displaying a list of calendars. A red box highlights the list, and a callout points to it with the text 'How often per calendar'.

Count	Calendar
<all>	<all>
11	ALLDAYS
3	CAL#TEST
1	CALDAYS
8	DEFAULT
1	MONDAYS
8	RegCal_WorkDays
11	WEEKDAYS
27	WORKDAYS
11	WORKDAYX
6	WORKDAYX

How often per calendar

# Control-M – Resources



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 'Table' menu is currently active, showing options like 'Copy', 'Select All', 'Toggle Selection', 'Customize', 'Use Default', 'Use Custom', 'Group', 'Statistics', 'All', 'Show SQL', 'Show criteria', 'Inverse Filter', 'New', 'Library', and 'Explorer'. The 'Workspace Tree' on the left lists various components under 'Control-M', with 'Resources' highlighted. A text box on the right provides instructions on selecting resources for search.

**Workspace Tree**

- Control-M
  - Job Definitions
  - Scheduling
  - Resources**
  - IN-/OUT-Conditions
  - ON PGMST / Steps
  - SET Variables
  - SHOUT
  - Capture
  - Job Script/JCL
  - IOALOG
  - Job History
  - Average Job Duration
  - Forecast
  - Job Netplan
  - Table Netplan
  - Job Runtime Barchart
- Control-M/EM
- EJM

Select Resources to search for Quantitative and Control Resources, Quantity, which jobs are using them, ...

Connected as: P392E, file: XX42N#25

# Control-M – Resources

XINFO PC Client

File Home Table Netplan Barchart Chart Script View

Copy Select All Toggle Selection Edit Customize Group

Workspace Tree

- Control-M
  - Job Definitions
  - Scheduling
  - Resources
  - IN-/OUT-Cond
  - ON PGMST / St
  - SET Variables
  - SHOUT
  - Capture
  - Job Script/JCL
  - IOALOG
  - Job History
  - Average Job Du
  - Forecast
  - Job Netplan
  - Table Netplan
  - Job Runtime Ba
- Control-M/EM
- EJM

Control-M Resource

MEMNAME/Filename =

Jobname (d) =

Resource Name = TAPE\* OR

Resource Name = SYS\*

Type (QR/CTL) =

Control (Shr/Excl) =

Quantity =

Control-M System =

Schedule Lib (z) =

Application =

Table/Folder =

OK Actions Cancel

Connected as: P392E, file: XX42N#25

A left click on "Resource-Name" gives more selection fields

Search all jobs using resource "TAPE\*" or "SYS"



# Control-M – Resources

FileHomeTableNetplanBarchartChartScriptView

CopySelect AllToggle SelectionEdit

CustomizeUse DefaultUse CustomTable Layout

GroupStatisticsAllTable Functions

Show SQLShow criteriaInverse FilterTools

NewLibrary ExplorerChart

Control-M Resources

MEMNAME/Filename	DS-Jobname	Resource-Name	Type	St	Qty	Control-M	Schedule-Library	Application	Table/Folder	T	Unique
<all>	<all>	<all>				<all>	<all>	<all>	<all>		<all>
HJOB0021		SYSH.CTM.CONTROL1	TL	E		CTM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	62
HJOB0021		SYSH.CTM.CONTROL2	TL	S		CTM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	62
HJOB0022		SYSH.CTM.CONTROL1	TL	S		CTM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	63
HJOB0022		SYSH.CTM.CONTROL2	TL	S		CTM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	63
HJOB0021		SYSH.CTM.CONTROL1	TL	E		CTM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	54
HJOB0021		SYSH.CTM.CONTROL2	TL	S		CTM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	54
HJOB0022		SYSH.CTM.CONTROL1	TL	S		CTM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	55
HJOB0022		SYSH.CTM.CONTROL2	TL	S		CTM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	55

Jobs

Resources

Usage

Connected as: P392E, file: XX42N#25

Lines: 8

# Control-M – Resources

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 S

Show

Workspace Tree

- Control-M
  - Job Definitions
  - Scheduling
  - Resources
  - IN-/OUT-Conditions
  - ON PGMST / Steps
  - SET Variables
  - SHOUT
  - Capture
  - Job Script/JCL
  - IOALOG
  - Job History
  - Average Job Duration
  - Forecast
  - Job Netplan
  - Table Netplan
  - Job Runtime Barchart
- Control-M/EM
- EJM

Worksp... Worksp... Favourit... Shortcuts

Connected as: P392E, file: XX42N#25

XINFO PC Client

Style

Control-M Resources

MEMNAME/Filename =

Jobname (d) =

Resource Name =

Type (QR/CTL) NOT EMPTY

Control (SH/EXC)

Quantity =

Control-M System =

Schedule Lib (z) =

Application =

Table/Folder =

OK

Actions

Cancel

Search for all used Control and Quantitative Resources

# Control-M – Resources , Group function

XINFO PC Client - Control-M Resources

File Home Table Netplan Barchart Chart

Copy Select All Toggle Selection Edit Customize Use Default Use Custom Table Layout Group Statistics All Table Functions Tools Chart

Click on GROUP ...

List of all resources ...

... with type and quantity

MEMNAME/Filename	DS-Jobname	Resource-Name	Type	St	Qty	Control-M	Schedule-Library	Application	Table/Folder	T	Unique
<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>
HJOB0021		SYSH.CTM.CONTROL1	CTL	E		TM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	62
HJOB0021		SYSH.CTM.CONTROL2	CTL	S		TM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	62
HJOB0022		KASSETTEN-ROBTER-01	QR		1	TM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	63
HJOB0022		SYSH.CTM.CONTROL1	CTL	S		TM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	63
HJOB0022		SYSH.CTM.CONTROL2	CTL	S		TM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	63
HJOB0023		KASSETTEN-ROBTER-01	QR		2	TM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	64
IVPJOB		IVP-INIT	QR		1	TM_TZ1	SYSH.CONTROLM.SCHEDULE		IVP2	J	102
		IVP-INIT	QR		1	TM_TZ1	SYSH.CONTROLM.SCHEDULE		IVP2	J	103
		CPU	QR		1	TM_TZ1	SYSH.CONTROLM.SCHEDULE		THU	J	186
		CPU	QR		1	TM_TZ1	SYSH.CONTROLM.SCHEDULE		THU	J	188
		SYSH.CTM.CONTROL1	CTL	E		TM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	54
		SYSH.CTM.CONTROL2	CTL	S		TM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	54
		KASSETTEN-ROBTER-01	QR		1	TM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	55
		SYSH.CTM.CONTROL1	CTL	S		TM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	55
		SYSH.CTM.CONTROL2	CTL	S		TM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	55
		KASSETTEN-ROBTER-01	QR		2	TM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	56
		IVP-INIT	QR		1	TM_PZ1	SYSH.CONTRMCP.SCHEDULE		IVP2	J	85
		IVP-INIT	QR		1	TM_PZ1	SYSH.CONTRMCP.SCHEDULE		IVP2	J	86
	TRADO_SMART_SU...	TRADO_RES1	CTL	E		TM_PW1			TRADO_SMART_SUB#2	J	17

Connected as: P392E, file: XX42N#25

Lines: 77

# Control-M – Resources , Group function

The screenshot shows the Control-M Resources window with the 'Group By...' dialog box open. The dialog box has a table with columns: Group, Column Header, Column Legend, Start, and Length. The 'Typ' and 'St' rows are selected, and a red box highlights them. A callout bubble points to these selections with the text '... and select TYP and ST'.

Group	Column Header	Column Legend	Start	Length
<input checked="" type="checkbox"/>	Typ	Type (QR/CTL)		
<input checked="" type="checkbox"/>	St	Control (Shr/Excl)		
<input type="checkbox"/>	MEMNAME/Filename	MEMNAME/Filename		
<input type="checkbox"/>	DS-Jobname	Jobname (d)		
<input type="checkbox"/>	Resource-Name	Resource Name		
<input type="checkbox"/>		Quantity		
<input type="checkbox"/>		Control-M System		
<input type="checkbox"/>		Lib (z)		
<input type="checkbox"/>		Folder		
<input type="checkbox"/>		Job/Table)		
<input type="checkbox"/>	Unique	Unique Number		

... and select TYP and ST

OK Cancel

Up Down

Table/Folder	T	Unique
<all>		<all>
APPL01	J	62
APPL01	J	62
APPL01	J	63
APPL01	J	63
APPL01	J	63
APPL01	J	64
IVP2	J	102
IVP2	J	103
THU	J	186
THU	J	188
APPL01	J	54
APPL01	J	54
APPL01	J	55
APPL01	J	55
APPL01	J	55
APPL01	J	56
IVP2	J	85
IVP2	J	86
TRADO_SMART_SUB#2	J	17

Connected as: P392E, file: XX42N#25

Lines: 77

# Control-M – Resources, Group function

XINFO PC Client - Control-M Resources (Grouped)

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 Show criteria Inverse Filter Tools New Library Explorer Chart

Control-M Resources Control-M Resources (Grouped)

Count	Type	St
<all>		
28	CTL	E
23	CTL	S
26	QR	

The result:  
28 exclusive and 23 shared  
Control Resources

Connected as: P392E, file: XX42N#25 Lines: 3

# Control-M – IN-/OUT Condition

The screenshot displays the XINFO PC Client application window. The 'Workspace Tree' on the left lists various job-related items, with 'IN-/OUT-Conditions' selected. A callout box provides instructions on how to use this feature. The status bar at the bottom indicates the current connection details.

Select IN-/OUT Conditions to search for all jobs using a specific condition, specific ODAT, ...

Connected as: P392E, file: XX42N#25

# Control-M – IN-/OUT Condition

The screenshot displays the XINFO PC Client interface. On the left, the 'Workspace Tree' shows a hierarchy of folders and files under 'Control-M', with 'IN-/OUT-Conditions' highlighted. The main window shows the 'Control-M IN-/OUT-Conditions' dialog box. This dialog has several input fields, each preceded by an equals sign (=) and a dropdown arrow. The 'Condition Name' field is highlighted with a red rectangular box and contains the text 'TIME\*'. A dark blue callout bubble with white text points to this field, stating: 'Select IN-/OUT Condition to search for all existing TIME Condition ...'. Other fields in the dialog include 'MEMNAME/Filename', 'Jobname (d)', 'Occurrence Date', 'Option', 'Owner/Run As', 'Tasktype', 'Group/Sub Appl.', 'Description', 'Control-M System', 'Schedule Lib (z)', 'Application', and 'Table/Folder'. At the bottom of the dialog are 'OK', 'Actions', and 'Cancel' buttons. The status bar at the bottom of the client window indicates 'Connected as: P392E, file: XX42N#25'.

# Control-M – IN-/OUT Condition

The screenshot displays the XINFO PC Client interface. On the left, the 'Workspace Tree' shows a hierarchy under 'Control-M', with 'IN-/OUT-Conditions' selected. The main window is titled 'Control-M IN-/OUT-Conditions'. It contains a list of fields for defining conditions, each with a dropdown menu and a text input field. The 'Condition Name' field is highlighted with a red rectangle and contains the text 'JOB90-OK'. A callout bubble points to this field with the text: '... or search for all jobs who are using a specific Condition'. The status bar at the bottom indicates 'Connected as: P392E, file: XX42N#25'.

Field	Value
MEMNAME/Filename	=
Jobname (d)	=
Condition Name	JOB90-OK
Occurrence Date	=
Option	=
Owner/Run As	=
Tasktype	=
Group/Sub Appl.	=
Description	=
Control-M System	=
Schedule Lib (z)	=
Application	=
Table/Folder	=



# Control-M – IN-/OUT Condition

File

Home

Table

Netplan

Barchart

Chart

Script

View

Copy

Select All

Toggle Selection

Customize

Use Default

Use Custom

Group

Statistics

All

Subtable

Graph

Show SQL

Show criteria

Inverse Filter

New

Library

Explorer

Style

Control-M IN-/OUT-Conditions

MEMNAME/Filename	DS-Jobname	Condition-Name	ODAT	Op	Owner/Run-As	Typ	Group/Sub-Application	Description	Control-M	Schedule-Library	Applicat
<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>
HJOBSTC0		JOB90-OK	ODAT		390L	STC		ALL TASKTYPES STC	CTM_TZ1	SYSH.CONTROLM.SCHEDULE	TESTT
HJOBSTC1		JOB90-OK	ODAT		390L	CST		ALL TASKTYPES CYCLIC STC	CTM_TZ1	SYSH.CONTROLM.SCHEDULE	TESTT
HJOBSTC2		JOB90-OK	ODAT		390L	EST		ALL TASKTYPES EMERGENCY STC	CTM_TZ1	SYSH.CONTROLM.SCHEDULE	TESTT
HJOBSTC3		JOB90-OK	ODAT		390L			ALL TASKTYPES CYC STC	CTM_TZ1	SYSH.CONTROLM.SCHEDULE	TESTT
HJOB0090		JOB90-OK	ODAT	+					CTM_TZ1	SYSH.CONTROLM.SCHEDULE	TESTT
HJOB0091		JOB90-OK	ODAT		390L			+ DO STOPCYCL ...	CTM_TZ1	SYSH.CONTROLM.SCHEDULE	TESTT

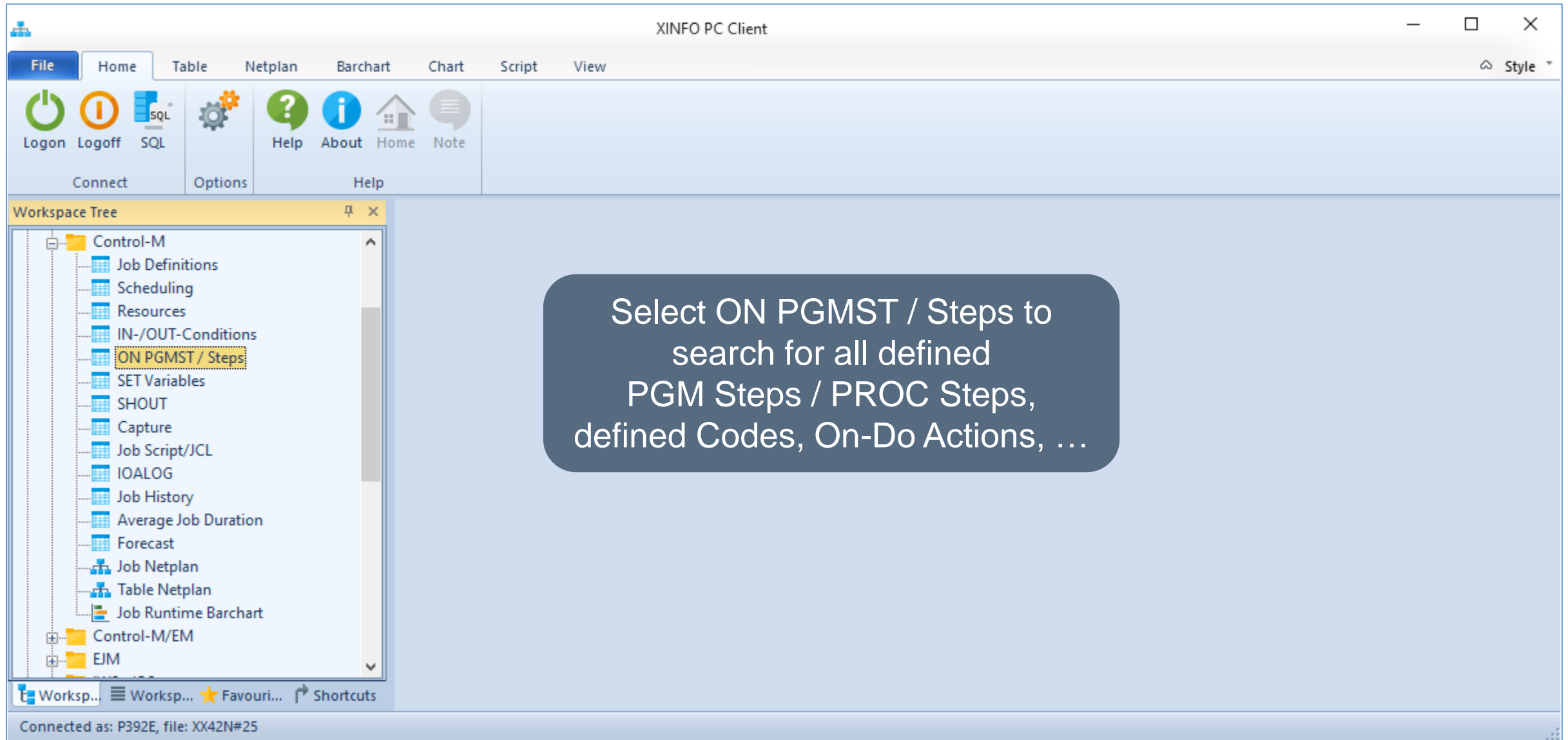
All jobs using the Condition  
JOB90-OK

HJOB0090 is adding the  
Condition

Connected as: P392E, file: XX42N#25

Lines: 6

# Control-M – DO (Step) Action



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 toolbar contains icons for "Logon", "Logoff", "SQL", "Options", "Help", "About", "Home", and "Note". The "Workspace Tree" on the left lists various components, with "ON PGMST / Steps" highlighted. A dark blue callout box contains the text: "Select ON PGMST / Steps to search for all defined PGM Steps / PROC Steps, defined Codes, On-Do Actions, ...". The status bar at the bottom indicates "Connected as: P392E, file: XX42N#25".

Select ON PGMST / Steps to search for all defined PGM Steps / PROC Steps, defined Codes, On-Do Actions, ...

# Control-M – DO (Step) Action

Control-M ON PGMST / Steps

MEMNAME/Filename	=	
Jobname (d)	=	
Step Range (z)	=	
From PGM (z)	=	
From PROC (z)	=	
To PGM (z)	=	
To PROC (z)	=	
Statement (d)	=	
PGMST (z)	=	
PROCST (z)	=	
Codes	=	
And/Or (z)	=	
Action (DO ...)	=	FORCEJOB
Condition Name	=	
Date Reference	=	
Condition Option	=	
Force Table/Folder	=	

Force Job =

Force Date =

Force Library (z) =

Max Rerun (z) =

Rerun Member (z) =

Interval (z) =

Variable Name =

Value

Shout Destin

Shout Origin

Shout Message =

Sysout Option =

Sysout Pam =

Sysout From Cls (z) =

IFRERUN Fr PGM (z) =

IFRERUN Fr PROC (z) =

OK Actions Cancel

Which jobs are started with FORCEJOB?

# Control-M – DO (Step) Action

FileHomeTableNetplanBarchartChartScriptView

CopySelect AllToggle SelectionEdit

Customize

Use DefaultUse CustomTable Layout

GroupStatisticsAll

SubtableGraphTable Functions

Show SQLShow criteriaInverse FilterTools

NewLibrary ExplorerChart

Control-M ON PGMST / Steps

MEMNAME/Filename	DS-Jobname	StepRng	From-PGM	From-PRC	To-PGM	To-PRC	Statement	PGMST	PROCST	Codes	A	Action(DO...)	Condition-Name	Force-Table/Folder	Force-Job	Force-C
<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>
HJOBFOR1								ANYSTEP		NOTOK		FORCEJOB		TESTFRC2	TFRC	ODAT
HJOB0026								STEP002	PSTEP01	SB37		FORCEJOB		TESTALL	JOB26F	ODAT
HJOB0029		RANGE1	STEP001	PSTEP01	STEP003	PSTEP01		*RANGE1		****		FORCEJOB		TESTALL	JOB29R	ODAT
HJOBFOR1								ANYSTEP		NOTOK		FORCEJOB		TESTFRC2	TFRC	ODAT
HJOB0026								STEP002	PSTEP01	SB37		FORCEJOB		TESTALL	JOB26F	ODAT
HJOB0029		RANGE1	STEP001	PSTEP01	STEP003	PSTEP01		*RANGE1		****		FORCEJOB		TESTALL	JOB29R	ODAT
HJOB0066								STEP002	PSTEP01	SB37		FORCEJOB		TESTALL	JOB26F	ODAT

The trigger

The action

The jobs

Connected as: P392E, file: XX42N#25

Lines: 7

# Control-M – Set Variables

The screenshot shows the XINFO PC Client interface with the 'Control-M SET Variables' dialog box open. The dialog box has a title bar 'Control-M SET Variables' and a close button. It contains several fields for setting variables, each with a dropdown menu and a text input field. The 'Value/Expression' field is highlighted with a red box and contains the text '\*DATE\*'. A callout bubble points to this field with the text 'Which jobs are using a "DATE" variable'.

Field	Value
MEMNAME/Filename	=
Jobname (d)	=
Variable Name	=
Value/Expression	= *DATE*
Scope (d)	=
Set Var Type (d)	=
Control-M System	=
Schedule Lib (z)	=
Application	=
Table/Folder	=

Buttons: OK, Actions, Cancel

# Control-M – Set Variables

XINFO PC Client - Control-M SET 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 Show SQL Show criteria

...that are using "Date" variables

Control-M SET Variables

MEMNAME/Filename	DS-Jobname	Variable-Name	Value/Expression	Scope	VT	Control-M	Schedule-Library	Application	Table/Folder	T	Uniqu
<all>	<all>	<all>	<all>	<all>		<all>	<all>	<all>	<all>		
HJOB0002		VAR01	4711-%%ODATE			CTM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	
HJOB0002		VAR02	%%ODATE			CTM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	
HJOB0002		:GVAR1	GLOBAL-%%ODATE			CTM_TZ1	SYSH.CONTROLM.SCHEDULE	APPLICATION001	APPL01	J	
TNIJCL01		PARM1	%%ODATE			CTM_TZ1	SYSH.CONTROLM.SCHEDULE		TNCL01	J	
TNIJCL01		PARM1	%%ODATE			CTM_TZ1	SYSH.CONTROLM.SCHEDULE		TNCL02	J	
HJOB0002		VAR01	4711-%%ODATE			CTM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	
HJOB0002		VAR02	%%ODATE			CTM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	
HJOB0002		:GVAR1	GLOBAL-%%ODATE			CTM_PZ1	SYSH.CONTRMCP.SCHEDULE	APPLICATION001	APPL01	J	
PNIJCL01		PARM1	%%ODATE			CTM_PZ1	SYSH.CONTRMCP.SCHEDULE		PNCL01	J	
PNIJCL01		PARM1	%%ODATE			CTM_PZ1	SYSH.CONTRMCP.SCHEDULE		PNCL02	J	
ctmcontb	HORJOB44	%%FROM	%%CALCDATE %%ODATE -90		S	CTM_PW1		HORAPPL20	ConditionUtility	J	
ctmcontb	HORJOB44	%%TO	%%CALCDATE %%ODATE -1		S	CTM_PW1		HORAPPL20	ConditionUtility	J	
ctmcontb	HORJOB43	%%FROM	%%CALCDATE %%ODATE -90		S	CTM_PW1		HORAPPL20	ConditionUtility	J	
ctmcontb	HORJOB43	%%TO	%%CALCDATE %%ODATE -1		S	CTM_PW1		HORAPPL20	ConditionUtility	J	
ctmcontb	HORJOB41	%%Date	%%ODATE		S	CTM_PW1		HORAPPL20	ConditionUtility	J	
	HORJOB41	%%To_date	%%ODATE		S	CTM_PW1		HORAPPL30	AdminUtilities	J	
	HORJOB41	%%From_date	%%CALCDATE %%ODATE -365		S	CTM_PW1		HORAPPL30	AdminUtilities	J	
	HORJOB42	%%From_date	%%CALCDATE %%ODATE -365		S	CTM_PW1		HORAPPL30	AdminUtilities	J	

The jobs

Connected as: P392E, file: XX42N#25

Lines: 266

# Control-M – Set Variables

FileHomeTableNetplanBarchartChartScriptView

CopySelect AllToggle SelectionEditCustomizeUse DefaultUse CustomTable LayoutGroupStatisticsShow SQLShow criteriaNew Library Explorer

Workspace Tree

Control-M

Job DefinitionsSchedulingResourcesIN-/OUT-ConditionsON PGMST / StepsSET VariablesSHOUTCaptureJob Script/JCLIOALOGJob HistoryAverage Job DurationForecastJob NetplanTable NetplanJob Runtime Barchart

Control-M/EMEJM

Worksp...Worksp...Favouri...Shortcuts

Connected as: P392E, file: XX42N#25

XINFO PC Client

Control-M SET Variables

MEMNAME/Filename

=

Jobname (d)

=

Variable Name

=

%%FTP-ACC\*

Value/Expression

=

Scope (d)

=

Set Var Type (d)

=

Control-M System

=

Schedule Lib (z)

=

Application

=

Table/Folder

=

OK

Actions

Cancel

Use %%FTP-ACCOUNT to search for Connection Profile

# Control-M – Set Variables

XINFO PC Client - Control-M SET Variables

File Home Table Netplan Barchart Chart Script View

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

Same applies to SAP-Jobs:  
Search with %%SAPR3\*

The result

MEMNAME/Filename	DS-Jobname	Variable-Name	Value/Expression	Scope	VT	Control-M	Schedule-Library	Application	Table/Folder	T	Unique
<all>	<all>	<all>	<all>	<all>		<all>	<all>	<all>	<all>	<all>	<all>
	PNIFTP-BUCH	%%FTP-ACCOUNT	TESTPROFIL02		S	CTM_PW1			PNIFTP001	J	237
	PNIFTP-ZAHL	%%FTP-ACCOUNT	TESTPROFIL		S	CTM_PW1			PNIFTP001	J	238
	FTP_PROD_DEV	%%FTP-ACCOUNT	PC138+PC139		S	CTM_PW1			FTPJobs	J	266
	HORAFT001	%%FTP-ACCOUNT	pc138_AN_pc137		S	CTM_PW1		HORAPPL80	File Transfer	J	267
	HORAFT002	%%FTP-ACCOUNT	pc138_AN_pc137		S	CTM_PW1		HORAPPL80	File Transfer	J	268
	HORAFT003	%%FTP-ACCOUNT	pc138_AN_pc137		S	CTM_PW1		HORAPPL80	File Transfer	J	269
	HORAFT004	%%FTP-ACCOUNT	pc138_AN_pc137		S	CTM_PW1		HORAPPL80	File Transfer	J	270
	HORAFT005	%%FTP-ACCOUNT	pc138_AN_pc137		S	CTM_PW1		HORAPPL80	File Transfer	J	271
	MVSFTP01	%%FTP-ACCOUNT	DEV+Demo		S	CTM_PW1		FTP	MVSFTP	J	274
	MVSFTP02	%%FTP-ACCOUNT	DEV+Demo		S	CTM_PW1		FTP	MVSFTP	J	275
	MVSFTP03	%%FTP-ACCOUNT	PC138+DEV		S	CTM_PW1		FTP	MVSFTP	J	276
	File Transfer_Job#01	%%FTP-ACCOUNT	HOSTA1_AN_HOSTA2		S	CTM_TU1		AFT	FTP_FOLD01	J	1
	File Transfer_Job#02	%%FTP-ACCOUNT	HOSTA1_AN_HOSTA2		S	CTM_TU1		AFT	FTP_FOLD01	J	2
	File Transfer_Job#03	%%FTP-ACCOUNT	HOSTA1_AN_HOSTA2		S	CTM_TU1		AFT	FTP_FOLD01	J	3
	File Transfer_Job#04	%%FTP-ACCOUNT	HOSTA1_AN_HOSTA2		S	CTM_TU1		AFT	FTP_FOLD01	J	4
	File Transfer_Job#05	%%FTP-ACCOUNT	HOSTA1_AN_HOSTA2		S	CTM_TU1		AFT	FTP_FOLD01	J	5
	File Transfer_Job#06	%%FTP-ACCOUNT	HOSTA1_AN_HOSTA2		S	CTM_TU1		AFT	FTP_FOLD01	J	6
	File Transfer_Job#07	%%FTP-ACCOUNT	HOSTA1_AN_HOSTA2		S	CTM_TU1		AFT	FTP_FOLD01	J	7
	File Transfer_Job#08	%%FTP-ACCOUNT	HOSTA1_AN_HOSTA2		S	CTM_TU1		AFT	FTP_FOLD01	J	8

Connected as: P392E, file: XX42N#25

Lines: 58



# Control-M – Job History

FileHomeTableNet

CopySelect AllToggle SelectionEditCustomizeUse DefaultUse CustomTable Layout

Workspace Tree

Control-M

Job DefinitionsSchedulingResourcesIN-/OUT-ConditionsON PGMST / StepsSET VariablesSHOUTCaptureJob Script/JCLIOALOGJob HistoryAverage Job DurationForecastJob NetplanTable NetplanJob Runtime Barchart

Control-M/EMEJM

Worksp...Worksp...Favour

Connected as: P392E, file: XX42N#25

Scheduler - Control-M - Job History

MEMNAME/Filename

=

Jobname (d)

=

TXINFO\_FORECAST\_SCRIPT

Job Start Time

>=

19.6.2021,00:00:00

DD.MM.YYYY,HH:MM:SS

Job End Time

<=

19.7.2021,00:00:00

DD.MM.YYYY,HH:MM:SS

Status

=

Error Code

=

Elapsed

=

Elapsed (Sec.)

=

Order Date

=

OrderId

=

Node/Host

=

Tasktype

=

User

=

Application

=

Group/Sub Appl.

=

Table/Folder

=

Jobname (z)

=

Control-M System

=

OK

Actions

Cancel

Unlike Control-M, XINFO shows more than the last 15 job runs

# Control-M – Job History

XINFO PC Client - Scheduler - Control-M - Job History

File Home Table Netplan Barchart Ch

Scheduler - Control-M - Job History

The result

MEMNAME/Filename	DS-Jobname	Start-Time	End-Time	Status	Code	HHMMSS	Elapsed-Sec	Order-Date	OrderId	Node/Host	TT	User
<all>	<all>	<all>	<all>	<all>	<...>	<all>	<all>	<all>	<all>	<all>		<...>
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	19.06.2021,06:00:07	19.06.2021,06:00:51	OK	0	000044	44	19.06.2021	4872	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	20.06.2021,06:00:07	20.06.2021,06:00:53	OK	0	000046	46	20.06.2021	4888	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	21.06.2021,06:00:06	21.06.2021,06:01:05	OK	0	000059	59	21.06.2021	4905	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	22.06.2021,06:00:07	22.06.2021,06:01:04	OK	0	000057	57	22.06.2021	4922	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	23.06.2021,06:00:06	23.06.2021,06:00:58	OK	0	000052	52	23.06.2021	4939	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	24.06.2021,06:00:07	24.06.2021,06:01:05	OK	0	000058	58	24.06.2021	4956	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	25.06.2021,06:00:07	25.06.2021,06:01:13	OK	0	000106	66	25.06.2021	4973	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	26.06.2021,06:00:07	26.06.2021,06:00:56	OK	0	000049	49	26.06.2021	4989	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	27.06.2021,06:00:07	27.06.2021,06:00:56	OK	0	000049	49	27.06.2021	5005	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	28.06.2021,06:00:06	28.06.2021,06:01:07	OK	0	000101	61	28.06.2021	5022	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	29.06.2021,06:00:07	29.06.2021,06:01:08	OK	0	000101	61	29.06.2021	5039	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	30.06.2021,06:00:07	30.06.2021,06:01:11	OK	0	000104	64	30.06.2021	5056	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	01.07.2021,06:00:06	01.07.2021,06:01:16	OK	0	000110	70	01.07.2021	5073	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	02.07.2021,06:00:07	02.07.2021,06:01:18	OK	0	000111	71	02.07.2021	5090	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	03.07.2021,06:00:06	03.07.2021,06:01:05	OK	0	000059	59	03.07.2021	5106	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	04.07.2021,06:00:06	04.07.2021,06:01:01	OK	0	000055	55	04.07.2021	5122	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	05.07.2021,06:00:06	05.07.2021,06:01:12	OK	0	000106	66	05.07.2021	5139	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	06.07.2021,06:00:06	06.07.2021,06:01:11	OK	0	000105	65	06.07.2021	5156	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	07.07.2021,06:00:07	07.07.2021,06:01:14	OK	0	000107	67	07.07.2021	5173	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	08.07.2021,06:00:06	08.07.2021,06:01:04	OK	0	000058	58	08.07.2021	5190	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	09.07.2021,06:00:06	09.07.2021,06:01:02	OK	0	000056	56	09.07.2021	5207	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	10.07.2021,06:00:06	10.07.2021,06:00:49	OK	0	000043	43	10.07.2021	5223	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	11.07.2021,06:00:07	11.07.2021,06:00:53	OK	0	000046	46	11.07.2021	5239	pc137.horizont-it.de	B	ctmuser
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	12.07.2021,06:00:06	12.07.2021,06:01:07	OK	0	000046	46	12.07.2021	5255	pc137.horizont-it.de	B	ctmuser

Status, Return code, duration, etc.

Connected as: P392E, file: XX42N#25

Lines: 30

# Control-M – Job History

Details

Name	Value
MEMNAME/Filename	xxrcctm_jpr.sh
Jobname (d)	TXINFO_FORECAST_SCRIPT
Job Start Time	18.07.2021,06:00:07
Job End Time	18.07.2021,06:01:04
Status	OK
Error Code	0
Elapsed (HHMMSS)	000057
Elapsed (Sec.)	57
Order Date	18.07.2021
OrderId	5356
Node/Host	pc137.horizont-it.de
Tasktype	B
User	ctmuser
CTM JobNo (d)	1444
Application	HORXINFO
Group/Sub Appl.	HORXINFOUTIL
Table/Folder	XINFOForecast Utility
CTM JobId (z)	
Jobname (z)	
Control-M System	CTM_TU1

Detailed information per double-click

OK

Copy

Print...

Save As...

# Control-M – IOALOG

**Scheduler - Control-M - IOALOG**

Field	Operator	Value	Format
TimeStamp	>=	1.1.2021,00:00:00	DD.MM.YYYY,HH:MM:SS
Log Type/Subsystem	=		
Msald	=		
Message	=	*P392E*	
Urgent (z)	=		
Tasktype	=		
MEMNAME/Filename	=		
Jobname (d)	=		
Order Date	=		
OrderId	=		
Group (z)	=		
Node/Host	=		
User	=		
Jobname (z)	=		
Control-M System	=		

OK Actions Cancel

Connected as: P392E, file: XX42N#25

You can search easily and fast for strings, e.g. messages or a certain userid

# Control-M –IOALOG

XINFO PC Client - Scheduler - Control-M - IOALOG

File Home Table Netplan Barchart Chart Script View

Scheduler - Control-M - IOALOG

Workspace Tree

Timestamp	LT	Msgld	Message	U	TT	MEMNAME/File...	DS-Jobname	OrderId	Order-Date	Group
<all>		<all>	<all>			<all>	<all>	<all>	<all>	<all>
15.12.2021,06:00:39	J	SEL208I	ENDED "OK" RUN-NO=00001	R	J	TCMVERIFY		001X4	15.12.2021	HOUSEK
15.12.2021,06:00:39	J	SEL250I	CONDITION "TCMVERIFY-TO-TCMCLCND ODATE 1512" ADDED ; RUN NUMBER=0...	R	J	TCMVERIFY		001X4	15.12.2021	HOUSEK
15.12.2021,06:00:39	J	SPY281I	START 21349.0600 STOP 21349.0600 CPU 0MIN 00.50SEC SRB 0MIN 00.05SEC 0.20 1A...	R	J	TCMVERIFY		001X4	15.12.2021	HOUSEK
15.12.2021,06:00:25	J	SEL203I	ELIGIBLE FOR RUN	R	J	TCMVERIFY		001X4	15.12.2021	HOUSEK
15.12.2021,06:00:20	I	JOB511I	TASK=CTMUSR /SOW1/CTM919D1 - PLACED ON AJF - IOA VERIFY OF CTM ENVIRONMENT	R	J	TCMVERIFY		001X4	15.12.2021	HOUSEK
15.12.2021,06:00:39	J	SEL250I	CONDITION "TCMVERIFY-TO-TCMCLCND ODATE 1512" ADDED ; RUN NUMBER=0...	R	J	TCMVERIFY		001X4	15.12.2021	HOUSEK
15.12.2021,06:00:39	J	SPY281I	START 21349.0600 STOP 21349.0600 CPU 0MIN 00.50SEC SRB 0MIN 00.05SEC 0.20 1A...	R	J	TCMVERIFY		001X4	15.12.2021	HOUSEK
15.12.2021,06:00:39	J	SEL208I	ENDED "OK" RUN-NO=00001	R	J	TCMVERIFY		001X4	15.12.2021	HOUSEK
15.12.2021,06:00:25	J	SEL203I	ELIGIBLE FOR RUN	R	J	TCMVERIFY		001X4	15.12.2021	HOUSEK
15.12.2021,06:00:25	J	SUB13AI	SUBMITTER STARTED PROCESSING JOB ON SYSTEM: SOW1 TABLE: MTMTDAY SYSH.CON...	R	J	TCMVERIFY		001X4	15.12.2021	HOUSEK
15.12.2021,06:00:39	J	SPY254I	SCANNED	R	J	TCMVERIFY		001X4	15.12.2021	HOUSEK
15.12.2021,06:00:20	I	JOB511I	TASK=CTMUSR /SOW1/CTM919D1 - PLACED ON AJF - IOA VERIFY OF CTM ENVIRONMENT	R	J	TCMVERIFY		001X4	15.12.2021	HOUSEK
15.12.2021,06:00:05	CD	5065	ORDERED JOB:15237; DAILY SYSTEM, ODATE 20211215		B	xxrcctm_jpr.bat	HORPROD001	8347	15.12.2021	
16.12.2021,00:31:21	TR	5100	ENDED AT 20211216003121. OSCOMPSTAT 0. RUNCNT 1		B	xxrcctm_jpr.bat	HORPROD001	8347	15.12.2021	
15.12.2021,06:00:03	CD	5216	REMOVED FROM ACTIVE JOB FILE BY GENERAL DAILY		B	xxrcctm_jpr.bat	HORPROD001	8330	14.12.2021	
16.12.2021,00:31:21	TR	5120	JOB STATE CHANGED TO Analyzed		B	xxrcctm_jpr.bat	HORPROD001	8347	15.12.2021	
15.12.2021,00:30:03	TR	5101	STARTED AT 20211215003000 ON pc138		B	xxrcctm_jpr.bat	HORPROD001	8330	14.12.2021	
15.12.2021,00:30:03	TR	5120	JOB STATE CHANGED TO Executing		B	xxrcctm_jpr.bat	HORPROD001	8330	14.12.2021	
15.12.2021,00:31:17	PP	5120	Job STATE CHANGED TO Post processed		B	xxrcctm_jpr.bat	HORPROD001	8330	14.12.2021	
15.12.2021,00:31:16	TR	5120	JOB STATE CHANGED TO Analyzed		B	xxrcctm_jpr.bat	HORPROD001	8330	14.12.2021	
15.12.2021,00:31:16	TR	5100	ENDED AT 20211215003116. OSCOMPSTAT 0. RUNCNT 1		B	xxrcctm_jpr.bat	HORPROD001	8330	14.12.2021	
16.12.2021,00:30:03	TR	5120	JOB STATE CHANGED TO Analyzed		B	xxrcctm_jpr.bat	HORPROD001	8347	15.12.2021	
15.12.2021,00:31:16	TR	5133	ENDED AT 20211215003116. OSCOMPSTAT 0. RUNCNT 1		B	xxrcctm_jpr.bat	HORPROD001	8330	14.12.2021	
16.12.2021,00:30:03	TR	5101	STARTED AT 20211215003000 ON pc138		R	xxrcctm_jpr.bat	HORPROD001	8347	15.12.2021	

Connected as: P392E, file: XX42L#25

Lines: 2500

Basis is the log from all Control-M systems (distributed and z/OS)

# Control-M – IOALOG

XINFO PC Client - Scheduler - Control-M - IOALOG

File Home Table Netplan Barchart Chart Script View

Copy Select All Toggle Customize Use Default Group Statistics Subtable Graph Show SQL Library Explorer Table Functions Tools Chart

Timestamp Message Jobs

Timestamp	LT	MsgId	Message	U	TT	MEMNAME/Filename	DS-Jobname	OrderId	Order-Date
<all>		<all>	<all>			<all>	<all>	<all>	<all>
24.06.2021,15:08:12	D	JOB501	CTMJOB STARTED JOB=P392E /TSU69334 TYPE=REGULAR ORDERID=N/A	R	CM				24.06.2021
24.06.2021,15:10:25	D	JOB52A	JOB P392E /TSU69334 TYPE REGULAR ORDERID N/A TABLE APPLGRP3 LIB SYSH.CONTRO...	R	CM				24.06.2021
24.06.2021,15:10:25	D	JOB511	TASK=P392E /SOW1/P392E - PLACED ON AJF - TEST GROUP SCHEDULING	R	J	HJOBG008		001AT	24.06.2021
24.06.2021,15:10:25	D	JOB501	CTMJOB STARTED JOB=P392E /TSU69334 TYPE=REGULAR ORDERID=N/A	R	CM				24.06.2021
24.06.2021,15:10:25	D	JOB525	CTMJOB ENDED JOB=P392E /TSU69334 TYPE=REGULAR ORDERID=N/A	R	CM				24.06.2021
24.06.2021,15:10:35	D	JOB525	CTMJOB ENDED JOB=P392E /TSU69334 TYPE=REGULAR ORDERID=N/A	R	CM				24.06.2021
24.06.2021,15:10:35	D	JOB501	CTMJOB STARTED JOB=P392E /TSU69334 TYPE=REGULAR ORDERID=N/A	R	CM				24.06.2021
24.06.2021,15:10:35	D	JOB52A	JOB P392E /TSU69334 TYPE REGULAR ORDERID N/A TABLE APPLGRP4 LIB SYSH.CONTRO...	R	CM				24.06.2021
24.06.2021,15:10:35	D	JOB511	TASK=P392E /SOW1/P392E - PLACED ON AJF - TEST GROUP SCHEDULING	R	J	HJOBG009		001AU	24.06.2021
25.06.2021,06:00:33	G	IOAJ01I	CONDITION WAS ADDED AT LOC=00190001 DATE=2506 NAME=TCMVERFY-TO-TCMCLCND	...	R	CM			25.06.2021
25.06.2021,06:00:34	G	IOAJ01I	CONDITION WAS ADDED AT LOC=00190002 DATE=2506 NAME=TIME0600 BY ...	...	R	CM			25.06.2021
25.06.2021,06:00:35	G	IOAJ01I	CONDITION WAS ADDED AT LOC=00190001 DATE=2506 NAME=TCMCLCND-TO-CTMJSTAT	...	R	CM			25.06.2021
25.06.2021,06:00:35	G	IOAJ52V	CONDITION NOT DELETED - DOES NOT EXIST. USER=P392E DATE=2506 NAME=TCMVERFY-T...	...	R	CM			25.06.2021
25.06.2021,06:00:38	G	IOAJ02I	CONDITION WAS DELETED AT LOC=00190001 DATE=2506 NAME=TCMCLCND-TO-CTMJSTAT	...	R	CM			25.06.2021
25.06.2021,06:00:38	G	IOAJ01I	CONDITION WAS ADDED AT LOC=00190001 DATE=2506 NAME=CTMJSTAT-TO-TCMLDNRS	...	R	CM			25.06.2021
25.06.2021,06:00:40	G	IOAJ02I	CONDITION WAS DELETED AT LOC=00190001 DATE=2506 NAME=CTMJSTAT-TO-TCMLDNRS	...	R	CM			25.06.2021
25.06.2021,13:40:44	D	JOB52A	JOB P392E /TSU70406 TYPE REGULAR ORDERID N/A TABLE APPLGRP1 LIB SYSH.CONTRO...	R	CM				25.06.2021
25.06.2021,13:40:44	D	JOB511	TASK=P392E /SOW1/P392E - PLACED ON AJF - TEST GROUP SCHEDULING	R	J	HJOBG002		001BO	25.06.2021

Connected as: P392E, file: XX42N#25 Lines: 1000

# Control-M – IOALOG

XINFO PC Client - Scheduler - Control-M - IOALOG

File Home Table Netplan Barchart Chart Script View

Scheduler - Control-M - IOALOG

Workspace Tree

Timestamp LT MsgId Message U TT MEMNAME/Filename DS-Jobname OrderId Order-Date Group

<all> <all> <all> <all> <all> <all> <all> <all>

15.12.2021,06:00:0 1 MTO134I SOW1CTMCMEM - WORKING DATE HAS CHANGED FROM 141221 TO 151221 R CO 15.12.2021

15.12.2021,06:00:0 R RUN113I CONTROL-M MONITOR CTM919M1 NEWDAY PROCESSING STARTED R CM 15.12.2021

15.12.2021,06:00:0 A MON12AI CONTROL-D MONITOR IS SUSPENDING FOR A NEW DAY R CD 14.12.2021

15.12.2021,06:00:0 A RST499I SHUT DOWN UPON REQUEST OF MAIN TASK R CD 14.12.2021

15.12.2021,06:00:0 A BKP489I SHUT DOWN UPON REQUEST OF MAIN TASK R CD 14.12.2021

15.12.2021,06:00:0 M SCD203I ELIGIBLE FOR PROCESSING R CD 14.12.2021

15.12.2021,06:00:0 R RUNL00I CONTROL-M MONITOR CTM919M1 PROCESSING SUSPENDED R CM 14.12.2021

15.12.2021,06:00:0 D ILY410I DAILY STARTED TYPE=SYSTEM ORDERID=N/A R CM 15.12.2021

15.12.2021,06:00:1 A MON12CI CONTROL-D MONITOR SUSPENDED R CD 14.12.2021

15.12.2021,06:00:1 A PMM363I SHUT DOWN UPON REQUEST OF MAIN TASK R CD 14.12.2021

15.12.2021,06:00:1 D FRM468I FORMATTING OF AJF ENDED R CM 15.12.2021

15.12.2021,06:00:1 D FRM484I FORMATTING OF CONTROL-M RESOURCES FILE STARTED R CM 15.12.2021

15.12.2021,06:00:1 D JOBL35I ORDER DSN=SYSH.CONTROLM.SCHEDULE ,MEM=MTMTDAY - TYPE=SYSTE... R CM 15.12.2021

15.12.2021,06:00:1 D JOB501I CTMJOB STARTED JOB=CTM919D1/STC64534 TYPE=SYSTEM ORDERID=N/A R CM 15.12.2021

15.12.2021,06:00:1 D FRS478I FORMATTING OF IOA CONDITIONS FILE STARTED R CM 15.12.2021

15.12.2021,06:00:1 D CHK431I CTMCHK STARTED R CM 15.12.2021

15.12.2021,06:00:1 D FRM488I FORMATTING OF CONTROL-M RESOURCES FILE ENDED R CM 15.12.2021

15.12.2021,06:00:1 D JOB52AI JOB CTM919D1/STC64534 TYPE SYSTEM ORDERID N/A TABLE MTMTDAY LIB SYSH.CON... R CM 15.12.2021

15.12.2021,06:00:1 D FRM452I FORMATTING OF "AJF" STARTED R CM 15.12.2021

15.12.2021,06:00:1 D FRS479I FORMATTING OF IOA CONDITIONS FILE ENDED R CM 15.12.2021

15.12.2021,06:00:1 D CHK432I CTMCHK ENDED R CM 15.12.2021

15.12.2021,06:00:2 D UDRA87I CTMUDR ENDED TYPE=SYSTEM ORDERID=N/A TABLE= LIB= R CM 15.12.2021

15.12.2021,06:00:2 I JOB511I TASK=CTMUSR /SOW1/CTM919D1 - PLACED ON AJF - ACCUMULATES THE JOB STATISTICS R J CTMJSTAT 001X2 15.12.2021 HOUSEK

15.12.2021,06:00:2 I JOB511I TASK=CTMUSR /SOW1/CTM919D1 - PLACED ON AJF - BUILD MANUAL CONDITIONS LIST R I CTMIDNRS 001X3 15.12.2021 HOUSEK

Connected as: P392E, file: XX42L#25

Lines: 2500

All messages from new day procedure

# Control-M – Job-Statistic

File

Home

Table

Netplan

Barchart

Chart

Script

View

Copy

Select All

Toggle Selection

Edit

Customize

Use Default

Use Custom

Table Layout

Workspace Tree

Control-M

Job Definitions

Scheduling

Resources

IN-/OUT-Conditions

ON PGMST / Steps

SET Variables

SHOUT

Capture

Job Script/JCL

IOALOG

Job History

Average Job Duration

Forecast

Job Netplan

Table Netplan

Job Runtime Barchart

Control-M/EM

EJM

Worksp...

Worksp...

Favouri...

Shortcuts

Connected as: P392E, file: XX42N#25

XINFO PC Client

Scheduler - Control-M - Avg. Job Dur

MEMNAME/Filename

=

Jobname (d)

=

Last Job Start Time

=

DD.MM.YYYY,HH:MM:SS

Last Job End Time

=

DD.MM.YYYY,HH:MM:SS

Last Dur.

=

HHMMSS

Last Dur. (Sec.)

>

60

Avg. Dur.

=

HHMMSS

Avg. Dur. (Sec.)

=

1st Run Start Time

=

Node/Host

=

Control-M System

=

Table/Folder

=

Group/Sub Appl.

=

OK

Actions

Cancel

You can search for specific dates or e.g. how many jobs ran more than a minute



# Control-M – Job-Statistic

XINFO PC Client - Scheduler - Control-M - Avg. Job Dur

File Home Table Netplan Barchart Chart Script View Style

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

Scheduler - Control-M - Avg. Job Dur

MEMNAME/Filename	DS-Jobname	Last-Start	Last-End	L.Dur.	Last-Dur.	A.Dur.	Avg.-Dur.	Last-Start	Node/Host	Control-M
<all>	<all>	<all>	<all>	<a...>	<all>	<all>	<all>	<all>	<all>	<all>
HJOB0012		15.04.2021,09:24:28	15.04.2021,09:25:4	000112	72	000112	72	15.04.2021,09:24:28	MVS	CTM_TZ1
HJOB0035		15.04.2021,09:24:28	15.04.2021,09:26:2	000201	121	000201	121	15.04.2021,09:24:28	MVS	CTM_TZ1
	CTM_DB_BACKUP_ZIP	19.07.2021,06:31:13	19.07.2021,06:33:5	000245	165	000247	167	17.11.2020,06:31:27	pc138	CTM_PW1
	Housekeeping_CTM_DB	19.07.2021,06:30:00	19.07.2021,06:34:1	000417	257	000418	258	17.11.2020,06:30:00		CTM_PW1
xxrcctm_jpr.bat	HORPROD001	19.07.2021,06:00:08	19.07.2021,06:01:3	000126	86	000121	81	17.11.2020,06:00:08	pc138	CTM_PW1
CTM_DB_Hot_Backup.bat	CTM_DB_Hot_Backup	19.07.2021,06:30:03	19.07.2021,06:31:1	000109	69	000110	70	17.11.2020,06:30:03	pc138	CTM_PW1
	Housekeeping_CTM_DB_backup	21.12.2020,06:30:00	21.12.2020,06:31:0	000102	62	000102	62	21.12.2020,06:30:00		CTM_TU1
	Housekeeping_CTM_DB_backup	20.12.2020,06:30:00	20.12.2020,06:31:0	000102	62	000103	63	18.11.2020,06:30:00		CTM_TU1
	Housekeeping_TU1-DB_backup	19.07.2021,06:30:00	19.07.2021,06:31:0	000106	66	000108	68	22.12.2020,06:30:00		CTM_TU1
xxrcctm_jpr.sh	TXINFO_FORECAST_SCRIPT	19.07.2021,06:00:07	19.07.2021,06:01:1	000105	65	000102	62	18.11.2020,06:00:06	pc137.horizont-it.de	CTM_TU1
xxrcctm_jpr.sh	DXINFO_FORECAST_SCRIPT	19.07.2021,06:00:07	19.07.2021,06:10:2	001018	618	001017	617	17.11.2020,15:39:17	pc139.horizont-it.de	CTM_DU1

Connected as: P392E, file: XX42N#25 Lines: 11

The average duration, taken from Control-M statistic tables and files

# Control-M – Forecast

Page: 2    Period:20151103., Calendar:Yes.

Daily Job Order Report For Folder SampleServiceBIM, Job \*

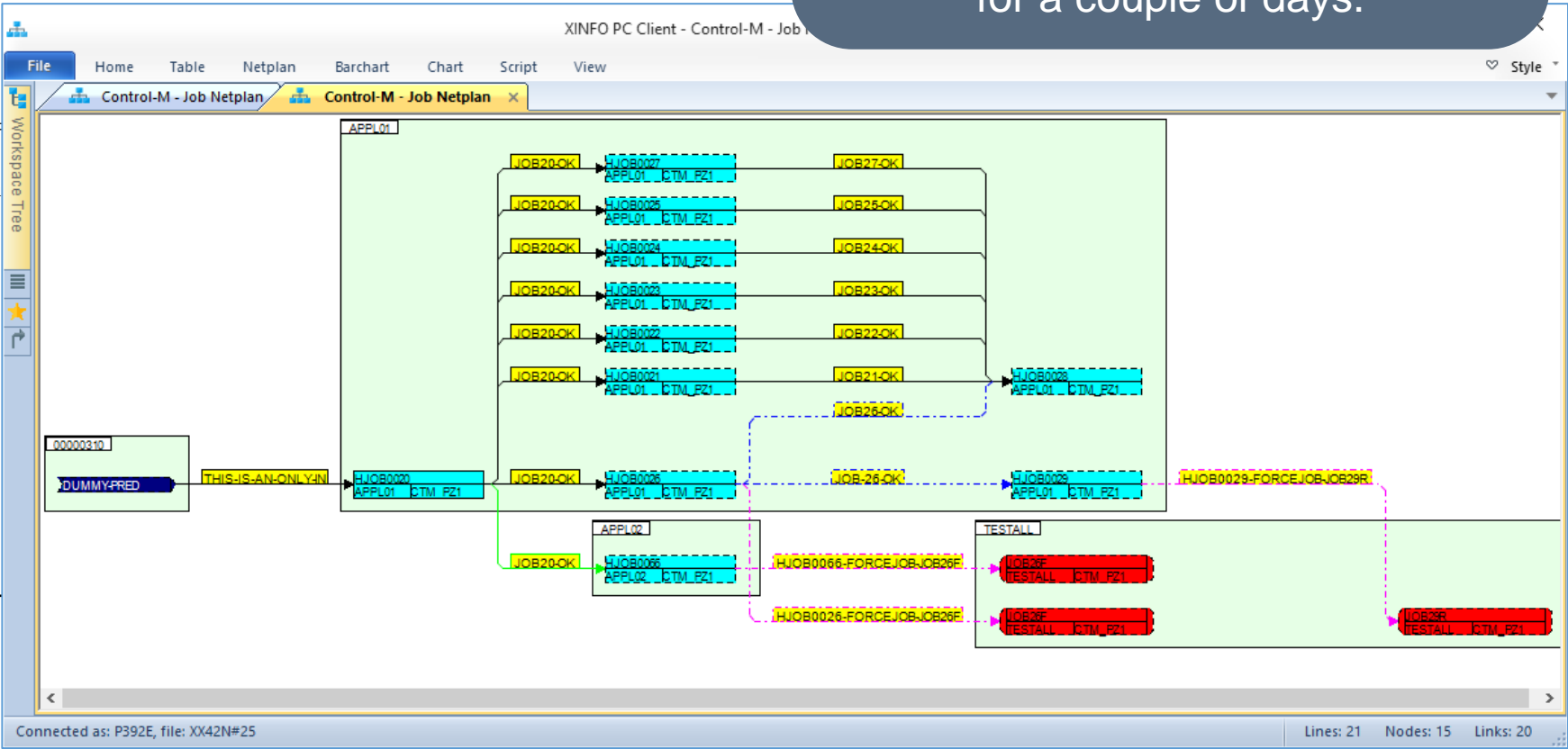
Job Name	Application	Sub Application Cint	From Untl Hostgrp Description	Type Folder
SampleSLA CONTROL-M 8.0.0	SampleResources	SampleJobs BMC Software, Ltd.		DMY SampleServiceBIM

Page: 3    Period:20151103., Calendar:Yes.

Daily Job Order Report For Folder Samples, Job \*

Job Name	Application	Sub Application Cint
ctmagcln	Control-M_House	Post_Newday
ctmruninf	Control-M_House	Post_Newday
ctmcontb	Control-M_House	Post_Newday
ctmdbcheck	Control-M_House	SystemChecks&Ma
manconds	Control-M_House	SystemChecks&Ma
addconds	Control-M_House	SystemChecks&Ma
ctmjasa	Control-M_House	Reporting
ctmlog	Control-M_House	Reporting
ctmdiskspace	Control-M_House	SystemChecks&Ma
netstat	SampleAppl	SampleJobs
ListAutoEditVariable	SampleAppl	SampleJobs

“ctmrpln” gives us the jobnames, XINFO knows the sequence and the start times, Based on average duration XINFO calculates the planned end times for a couple of days.



# Control-M – Forecast

File

Home

Table

Netplan

Barchart

Chart

Script

View

Copy

Select All

Toggle Selection

Customize

Use Default

Use Custom

Group

Statistics

All

Subtable

Graph

Show SQL

Show criteria

Inverse Filter

New

Library

Explorer

Workspace Tree

Control-M

Job Definitions

Scheduling

Resources

IN-/OUT-Conditions

ON PGMST / Steps

SET Variables

SHOUT

Capture

Job Script/JCL

IOALOG

Job History

Average Job Duration

Forecast

Job Netplan

Table Netplan

Job Runtime Barchart

Control-M/EM

EJM

Worksp...

Worksp...

Favouri...

Shortcuts

Connected as: P392E, file: XX42N#25

XINFO PC Client

Scheduler - Control-M - Forecast

MEMNAME/Filename

=

Jobname (d)

=

Table/Folder

=

MTMTDAY

Order Date

=

DD.MM.YYYY

Time

=

HH:MM

Planned Start

>=

1.7.2021,00:00:00

DD.MM.YYYY,HH:MM:SS

Planned End

<=

31.7.2021,00:00:00

DD.MM.YYYY,HH:MM:SS

Planned Dur. (Sec.)

=

Control-M System

=

OK

Actions

Cancel

When are the maintenance jobs planned for July?

# Control-M – Forecast

Workspace Tree

MEMNAME/Filename

<all>

CTMJSTAT

CTMJSTAT

CTMJSTAT

CTMJSTAT

CTMJSTAT

CTMJSTAT

CTMJSTAT

CTMJSTAT

CTMJSTAT

TCMCLCND

TCMCLCND

TCMCLCND

TCMCLCND

TCMCLCND

TCMCLCND

TCMCLCND

TCMCLCND

TCMCLCND

TCMCLCND

TCMLDNRS

TCMLDNRS

TCMLDNRS

TCMLDNRS

TCMLDNRS

TCMLDNRS

TCMLDNRS

TCMLDNRS

TCMLDNRS

TCMVEREV

DS-Jobname

<all>

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

Table

<all>

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

MTMTDAY

Order-Date

<all>

19.07.2021

20.07.2021

21.07.2021

22.07.2021

23.07.2021

24.07.2021

25.07.2021

26.07.2021

19.07.2021

20.07.2021

21.07.2021

22.07.2021

23.07.2021

24.07.2021

25.07.2021

26.07.2021

19.07.2021

20.07.2021

21.07.2021

22.07.2021

23.07.2021

24.07.2021

25.07.2021

26.07.2021

19.07.2021

Time

<all>

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

06:00

Planned-Start

<all>

19.07.2021,06:00:07

20.07.2021,06:00:07

21.07.2021,06:00:07

22.07.2021,06:00:07

23.07.2021,06:00:07

24.07.2021,06:00:07

25.07.2021,06:00:07

26.07.2021,06:00:07

19.07.2021,06:00:05

20.07.2021,06:00:05

21.07.2021,06:00:05

22.07.2021,06:00:05

23.07.2021,06:00:05

24.07.2021,06:00:05

25.07.2021,06:00:05

26.07.2021,06:00:05

19.07.2021,06:00:10

20.07.2021,06:00:10

21.07.2021,06:00:10

22.07.2021,06:00:10

23.07.2021,06:00:10

24.07.2021,06:00:10

25.07.2021,06:00:10

26.07.2021,06:00:10

19.07.2021,06:00:00

Planned-End

<all>

19.07.2021,06:00:10

20.07.2021,06:00:10

21.07.2021,06:00:10

22.07.2021,06:00:10

23.07.2021,06:00:10

24.07.2021,06:00:10

25.07.2021,06:00:10

26.07.2021,06:00:10

19.07.2021,06:00:07

20.07.2021,06:00:07

21.07.2021,06:00:07

22.07.2021,06:00:07

23.07.2021,06:00:07

24.07.2021,06:00:07

25.07.2021,06:00:07

26.07.2021,06:00:07

19.07.2021,06:00:13

20.07.2021,06:00:13

21.07.2021,06:00:13

22.07.2021,06:00:13

23.07.2021,06:00:13

24.07.2021,06:00:13

25.07.2021,06:00:13

26.07.2021,06:00:13

19.07.2021,06:00:05

Planned-Dur

<all>

3

3

3

3

3

3

3

3

2

2

2

2

2

2

2

2

2

2

2

3

3

3

3

3

3

3

3

3

5

Control-M

<all>

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

TM\_TZ1

Planned duration

The jobs

Planned Start/End

Connected as: P392E, member: ...

Lines: 32

# Control-M – Table Netplan

File

Home

Table

Netplan

Barchart

Chart

Script

View

Copy

Select All

Toggle Selection

Customize

Use Default

Use Custom

Group

Statistics

All

Subtable

Graph

Show SQL

Show criteria

Inverse Filter

New

Library

Explorer

Workspace Tree

Control-M

Job Definitions

Scheduling

Resources

IN-/OUT-Conditions

ON PGMST / Steps

SET Variables

SHOUT

Capture

Job Script/JCL

IOALOG

Job History

Average Job Duration

Forecast

Job Netplan

Table Netplan

Job Runtime Barchart

Control-M/EM

EJM

Worksp... Worksp... Favouri... Shortcuts

Connected as: P392E, file: XX42N#25

XINFO PC Client

Control-M - Table Netplan

Table/Folder

=

APPLG\*

Schedule Lib (z)

=

Control-M System

=

Cond. Type (Global)

=

Parent Folder (d)

=

Predecessor level

1

Successor level

6

OK

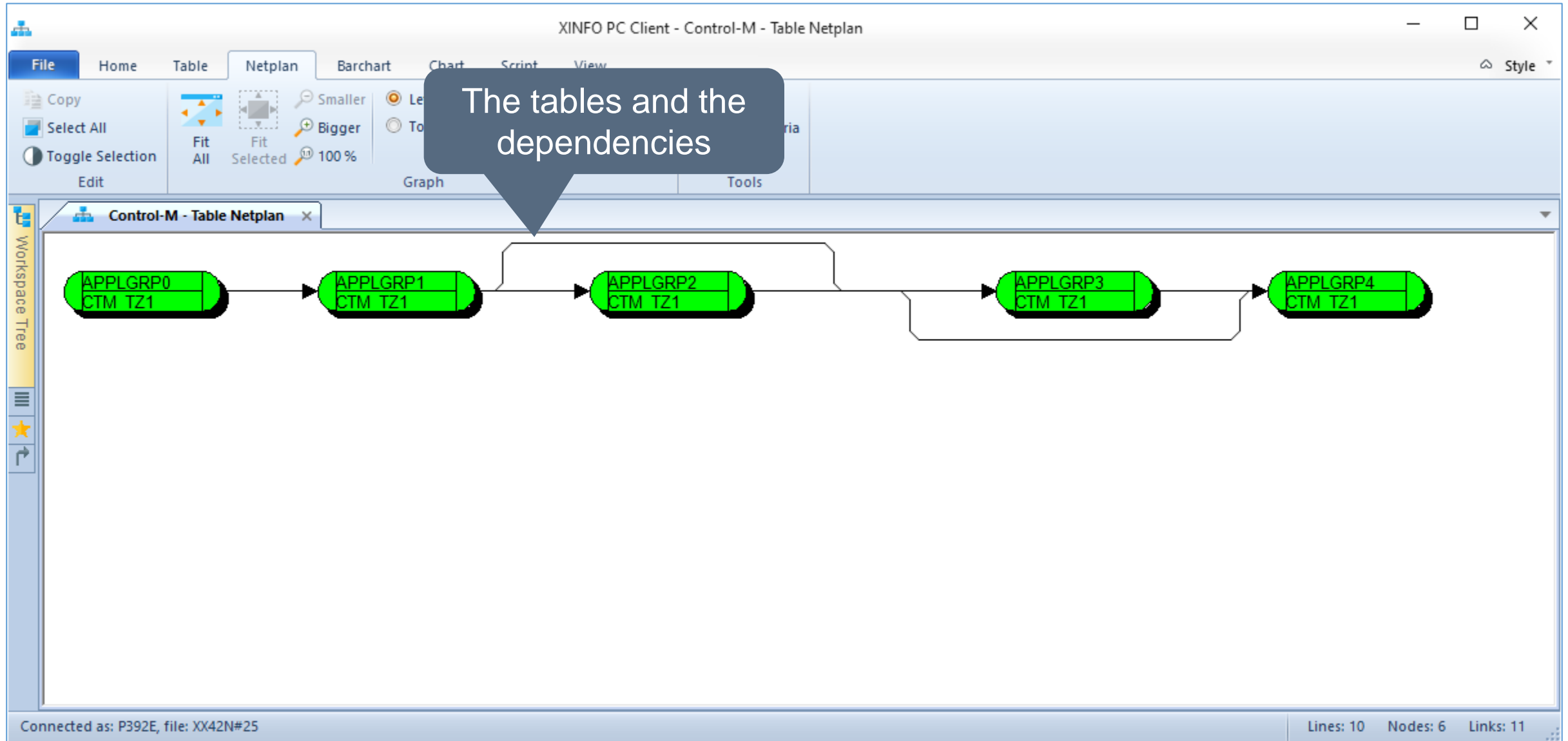
Actions

Cancel

Select tables

Level Predecessor/Successor

# Control-M – Table Netplan



# Control-M – Table Netplan

File

Home

Table

Netplan

Barchart

Chart

Script

View

Copy

Select All

Toggle Selection

Fit All

Fit Selected

Smaller

Bigger

100 %

Left to Right

Top to Bottom

Subnet

Table

Search

Show SQL

Show criteria

Edit

Graph

Tools

Control-M - Table Netplan

APPLGRP0  
CTM TZ1

APPLGRP1  
CTM TZ1

APPLGRP2  
CTM TZ1

APPLGRP3  
CTM TZ1

APPLGRP4  
CTM TZ1

Control-M

GRAPH

Node details...

Pred/Succ netplan...

Find

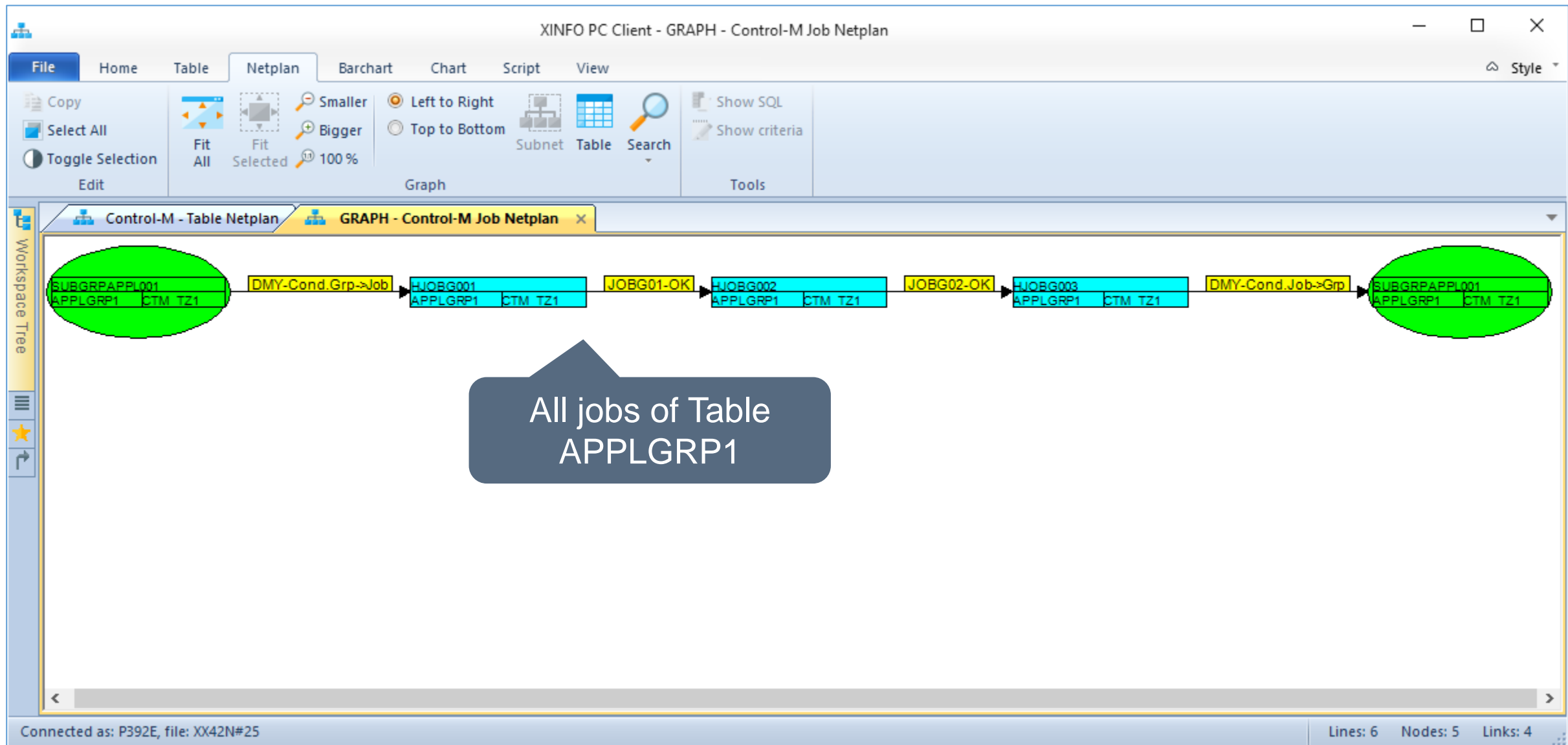
Control-M Job Netplan

With right mouse click  
to the table's job netplan

Connected as: P392E, file: XX42N#25

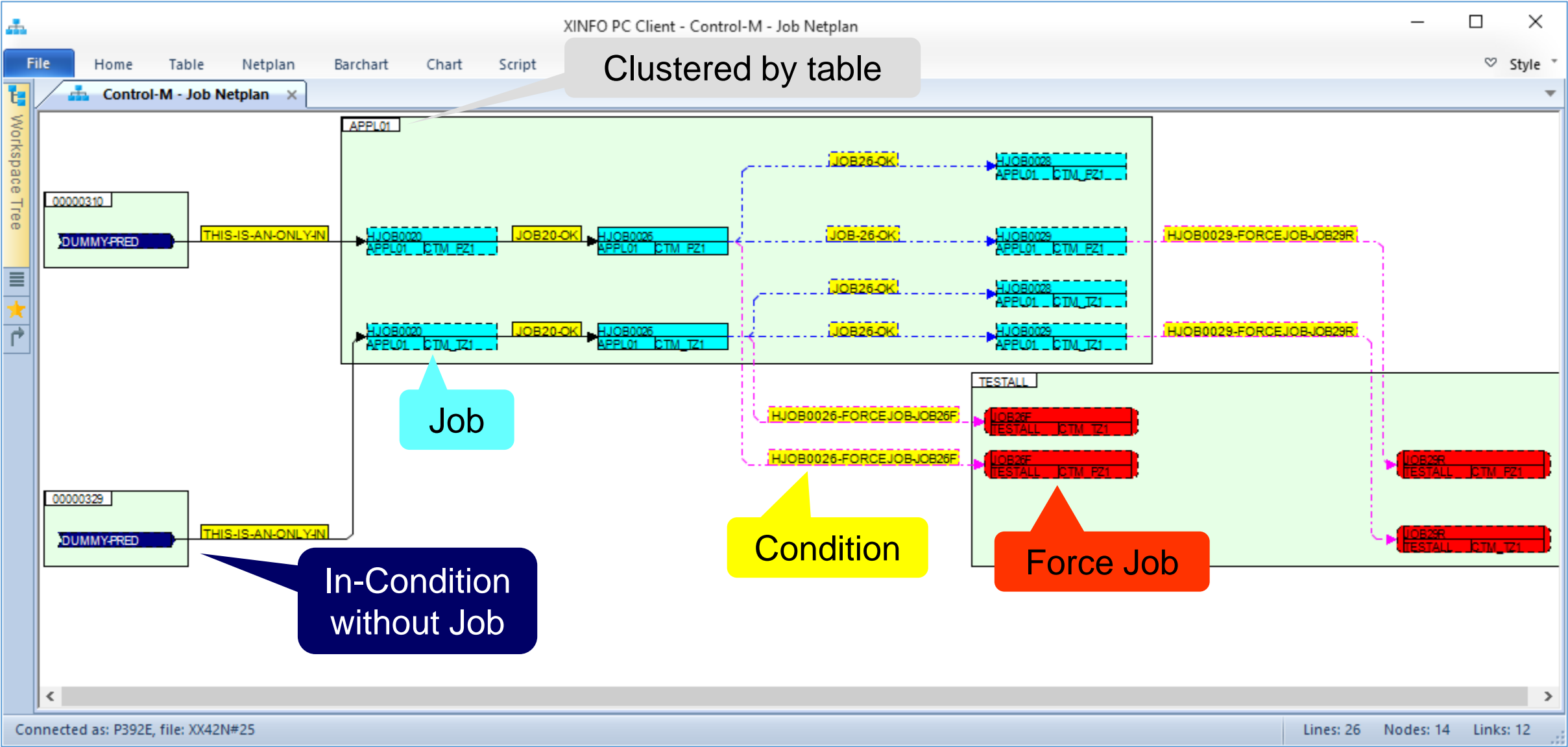
Lines: 10   Nodes: 6   Links: 11

# Control-M – Table- / Job Netplan





# Control-M – Job Netplan, the Symbols



# Control-M – Job Netplan, the Symbols

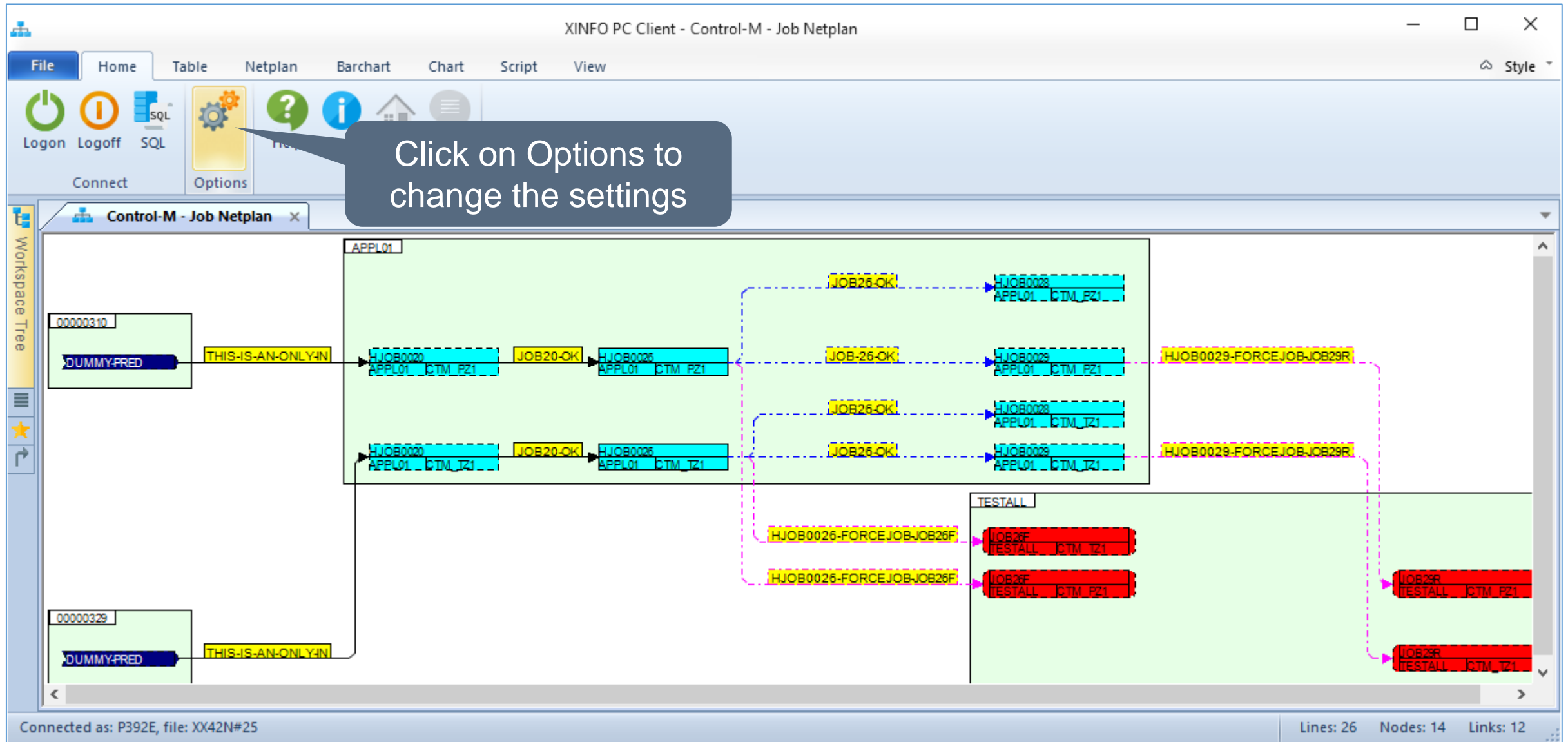
The screenshot shows a 'Details' window with a table of job attributes. A callout bubble points to the 'Owner/Run As' field, which contains 'CTMUSR'.

Name	Value
Client	
Environment	
Dummy	
Pred-ID	1000061
Succ-ID	1000067
Condition Name	JOB20-OK
Condition Option	+
MEMNAME/Filename	HJOB0026
Table/Folder	APPL01
Job/Grp/Table/CTD	J
Schedule Lib (z)	SYSH.CONTROLM.SCHEDULE
Tasktype	JOB
Application	APPLICATION001
Group/Sub Appl.	SUBAPPL001
Owner/Run As	CTMUSR
Description	JOB WITH PGMST
Control-M System	CTM_TZ1
Occurrence Date	ODAT
G=Global-Condition	
Unique Number	67
Linktype	
Jobname (d)	
Host (d)	
PGMST (z)	
PROCST (z)	
Codes	
Action (DO ...)	
Time From	
Avg. Dur. (HHMMSS)	000200

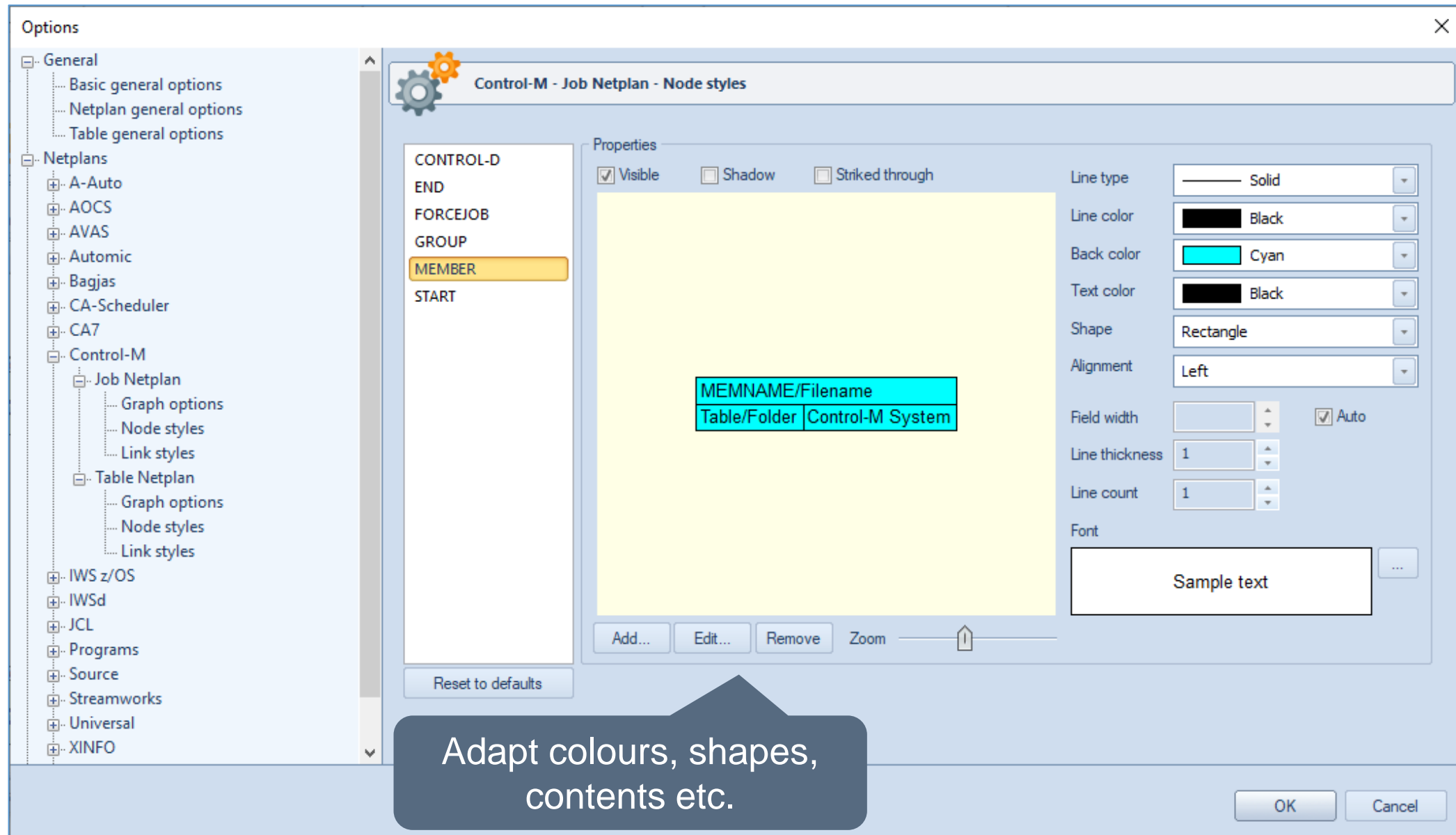
OK Copy Print... Save As...

Detailed information via double-click.  
Please note that all data can be show within the symbol (e.g. Owner)

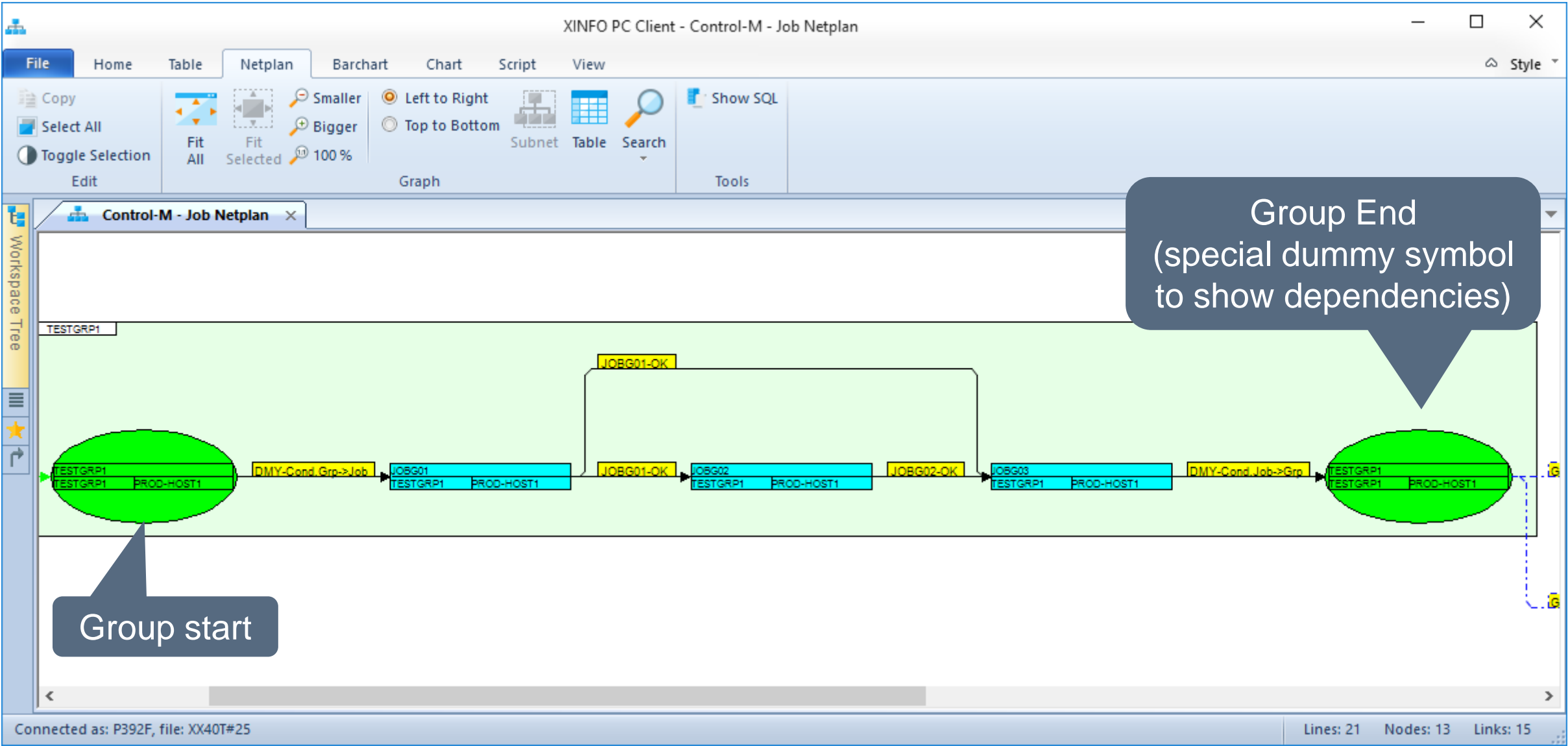
# Control-M – Job Netplan, the Symbols



# Control-M – Job Netplan, the Symbols



# Control-M – Job Netplan, the Symbols



# Control-M – Job Netplan, the Symbols

The screenshot displays the XINFO PC Client - Control-M - Job Netplan window. The interface includes a menu bar (File, Home, Table, Netplan, Barchart, Chart, Script, View) and a toolbar with various icons for editing and viewing. The main workspace shows a netplan diagram with a green background. At the top left of the workspace is a label 'TEST1'. Below it are two identical job symbols, each represented as a parallelogram divided into three horizontal sections. The top section contains 'CTDJOB4', the middle section contains 'TEST1', and the bottom section contains 'CTD5'. A dark blue callout box with the text 'Control-D reports' is positioned below the job symbols. The status bar at the bottom indicates 'Connected as: P392E, file: XX42N#25' and 'Lines: 2 Nodes: 2 Links: 0'.

TEST1

CTDJOB4  
TEST1  
CTD5

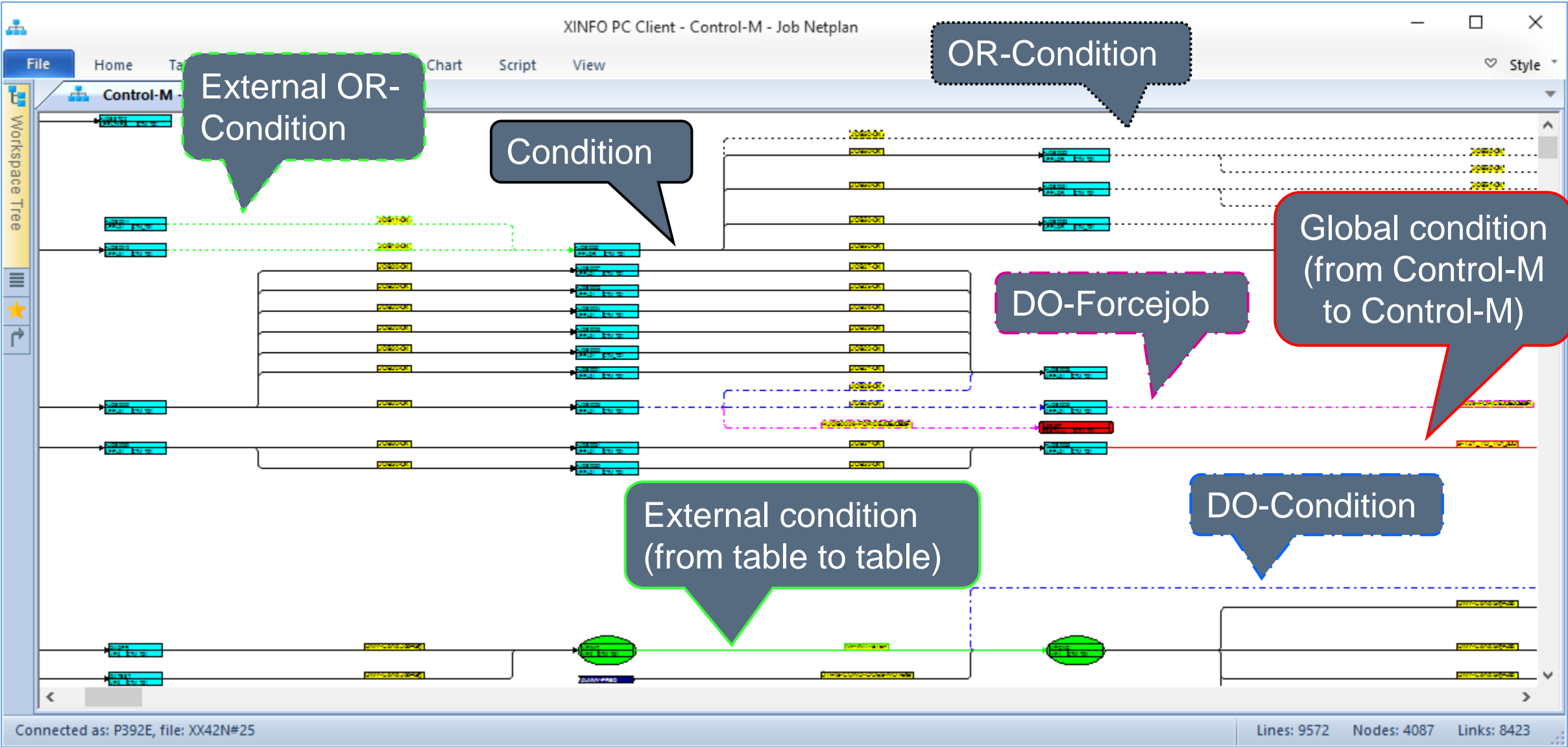
CTDJOB4  
TEST1  
CTD5

Control-D reports

Connected as: P392E, file: XX42N#25

Lines: 2 Nodes: 2 Links: 0

# Control-M – Job Netplan, the Links



# Control-M – Job Netplan, Pred/Succ Level

File

Home

Table

Net

Logon

Logoff

SQL

Connect

Options

Workspace Tree

Control-M

Job Definitions

Scheduling

Resources

IN-/OUT-Conditions

ON PGMST / Steps

SET Variables

SHOUT

Capture

Job Script/JCL

IOALOG

Job History

Average Job Duration

Forecast

Job Netplan

Table Netplan

Job Runtime Barchart

Control-M/EM

EJM

MEMNAME/Filename

=

Table/Folder

=

APPL02

Jobname (d)

=

Host (d)

=

Application

=

Group/Sub Appl.

=

Owner/Run As

=

Description

=

Condition Name

=

Control-M System

=

Parent Folder (d)

=

Last Job Start Time

=

Predecessor level

1

Successor level

1

OK

Actions

Cancel

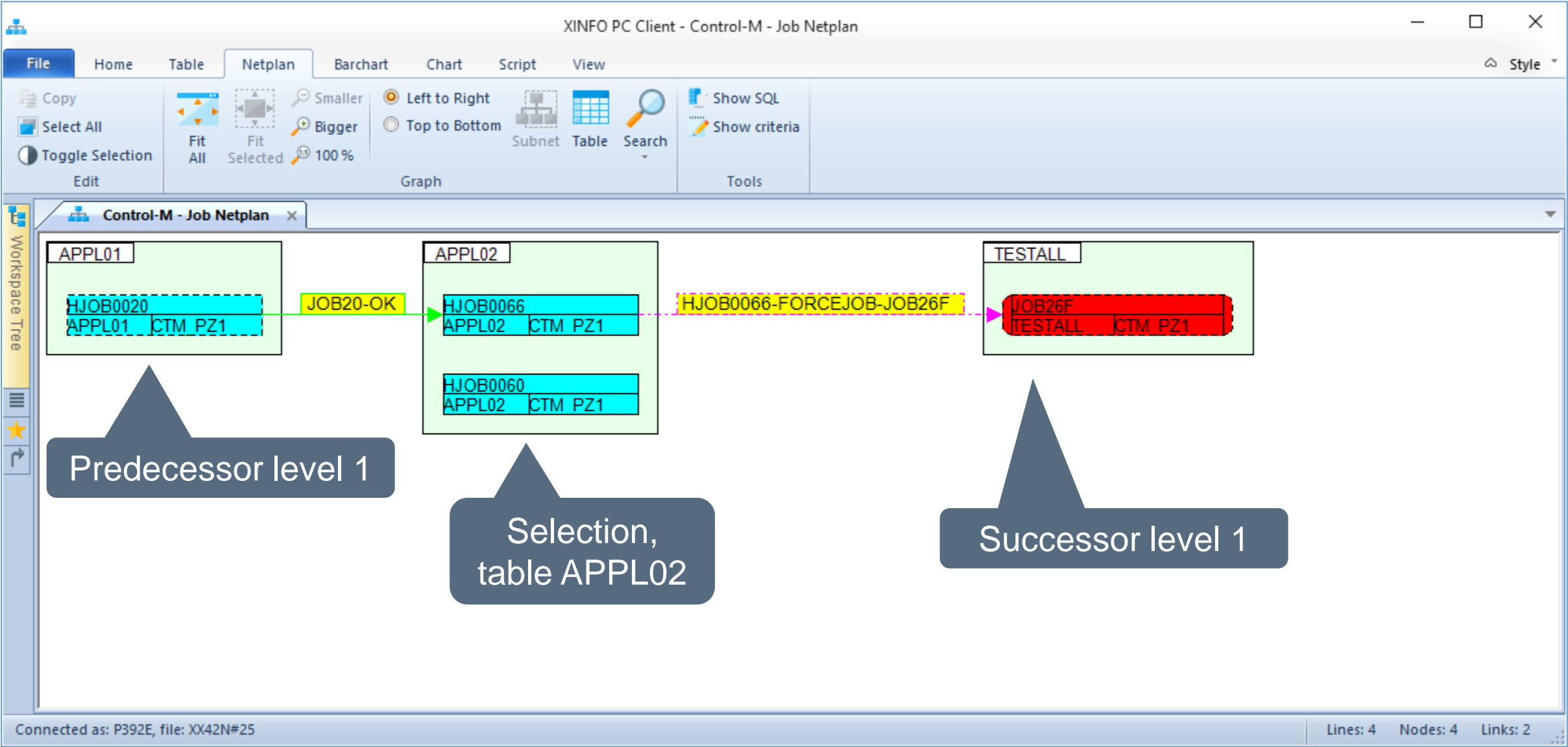
Show Job Netplan for Table "APPL02"

With one additional predecessor/successor level

Connected as: P392E, file: XX42N#25



# Control-M – Job Netplan, Pred/Succ Level



# Control-M – Job Netplan, Pred/Succ Level

The screenshot displays the XINFO PC Client - Control-M - Job Netplan window. The main workspace shows a job netplan diagram with two application nodes, APPL01 and APPL02, each containing a job node (HJOB0020 and HJOB0066 respectively). A context menu is open over the HJOB0020 node, with the 'Pred/Succ netplan...' option highlighted. A 'Pred/Succ Netplan' dialog box is also open, showing the 'Predecessor level' set to 2 and the 'Successor level' set to 99. A red rectangle highlights these input fields in the dialog box.

**File** Home Table **Netplan** Barchart Chart Script View

Copy Select All Toggle Selection Edit Fit All Fit Selected 100 % Smaller Bigger Graph Left to Right Top to Bottom Subnet Table Search Show SQL Show criteria Tools

Control-M - Job Netplan

Workspace Tree

APPL01

HJOB0020

APPL02

HJOB0066

HJOB0060

APPL02 CTM PZ1

APPL01 CTM PZ1

Browse

BETA93

Control-D

Control-M

CA Deliver

DB2

GRAPH

IMS

JCL

Space

SMF

Node details...

**Pred/Succ netplan...**

Find

Pred/Succ Netplan

Predecessor level 2 (0 - 999)

Successor level 99 (0 - 999)

OK Cancel

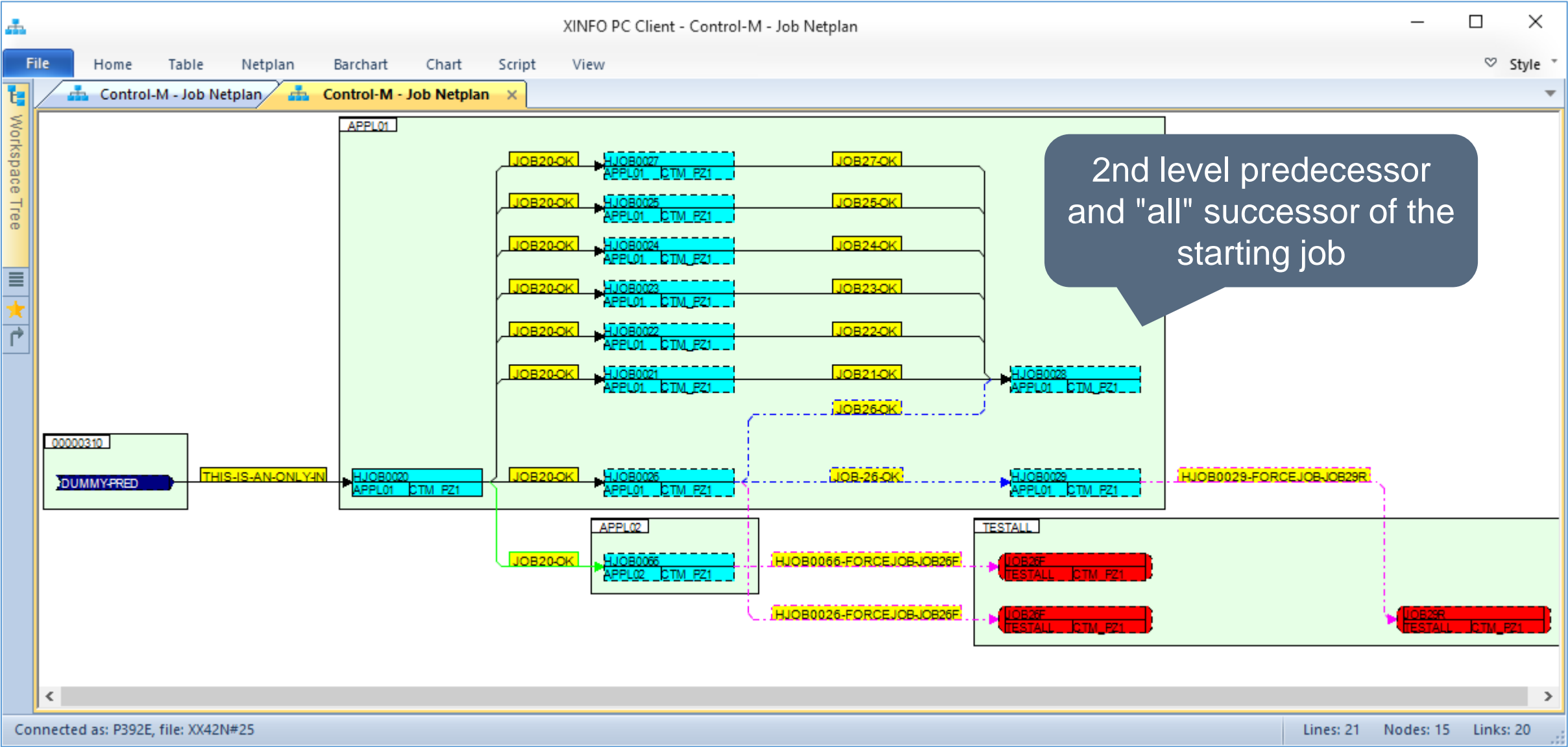
Right mouse click, Pred/Succ netplan

Select predecessor level 2 and successor level 99

Connected as: P392E, file: XX42N#25

Lines: 4 Nodes: 4 Links: 2

# Control-M – Job Netplan



# Control-M – Job Netplan

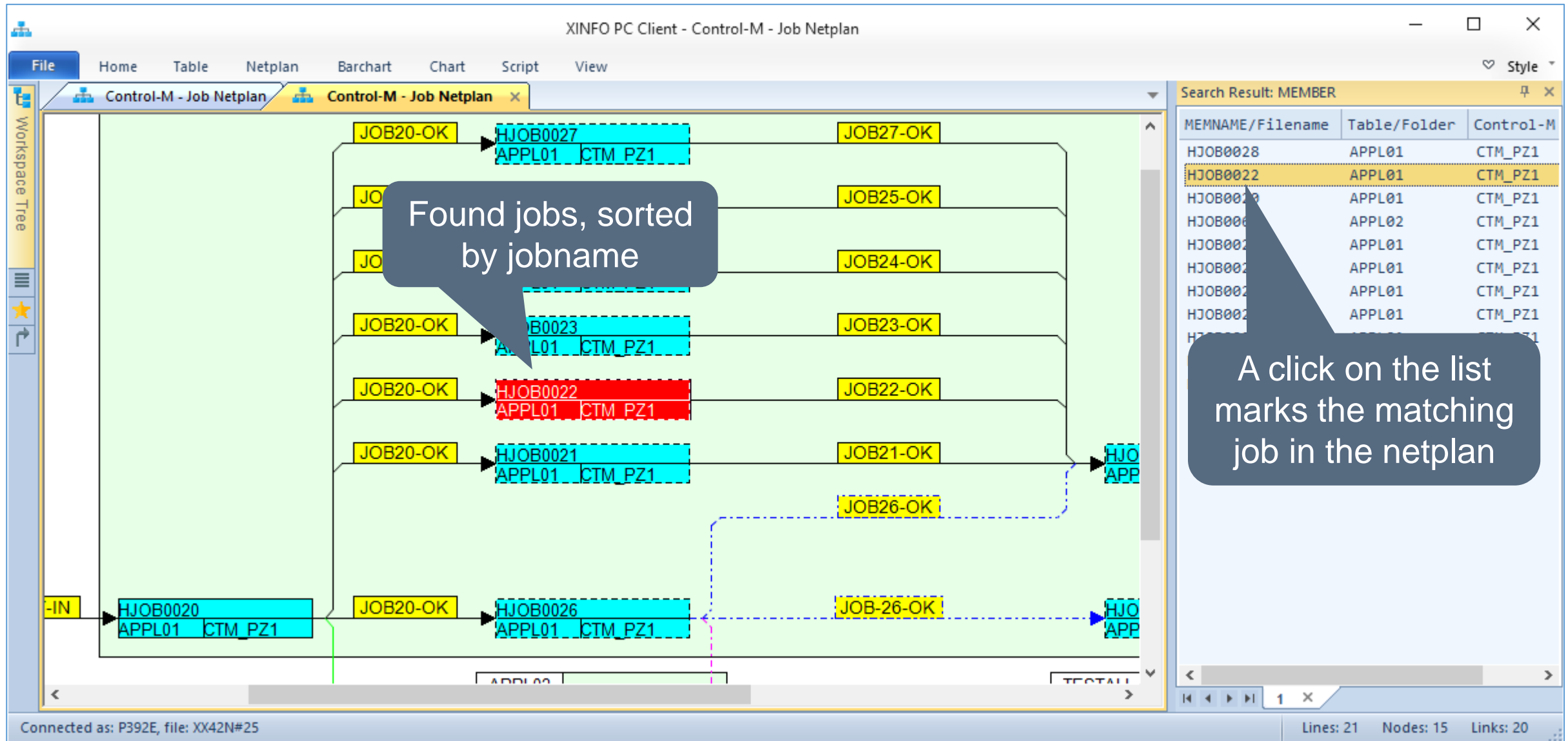
The screenshot displays the XINFO PC Client - Control-M - Job Netplan application. The interface includes a menu bar (File, Home, Table, Netplan, Barchart, Chart, Script, View) and a toolbar with various icons. A search function is highlighted with a callout box labeled "Search function".

A search dialog box is open, titled "Search for: MEMBER". It contains three input fields: "MEMNAME/Filename" (highlighted with a red rectangle), "Table/Folder", and "Control-M System". The "MEMNAME/Filename" field contains the text "MEMBER". The dialog box also has "OK" and "Cancel" buttons.

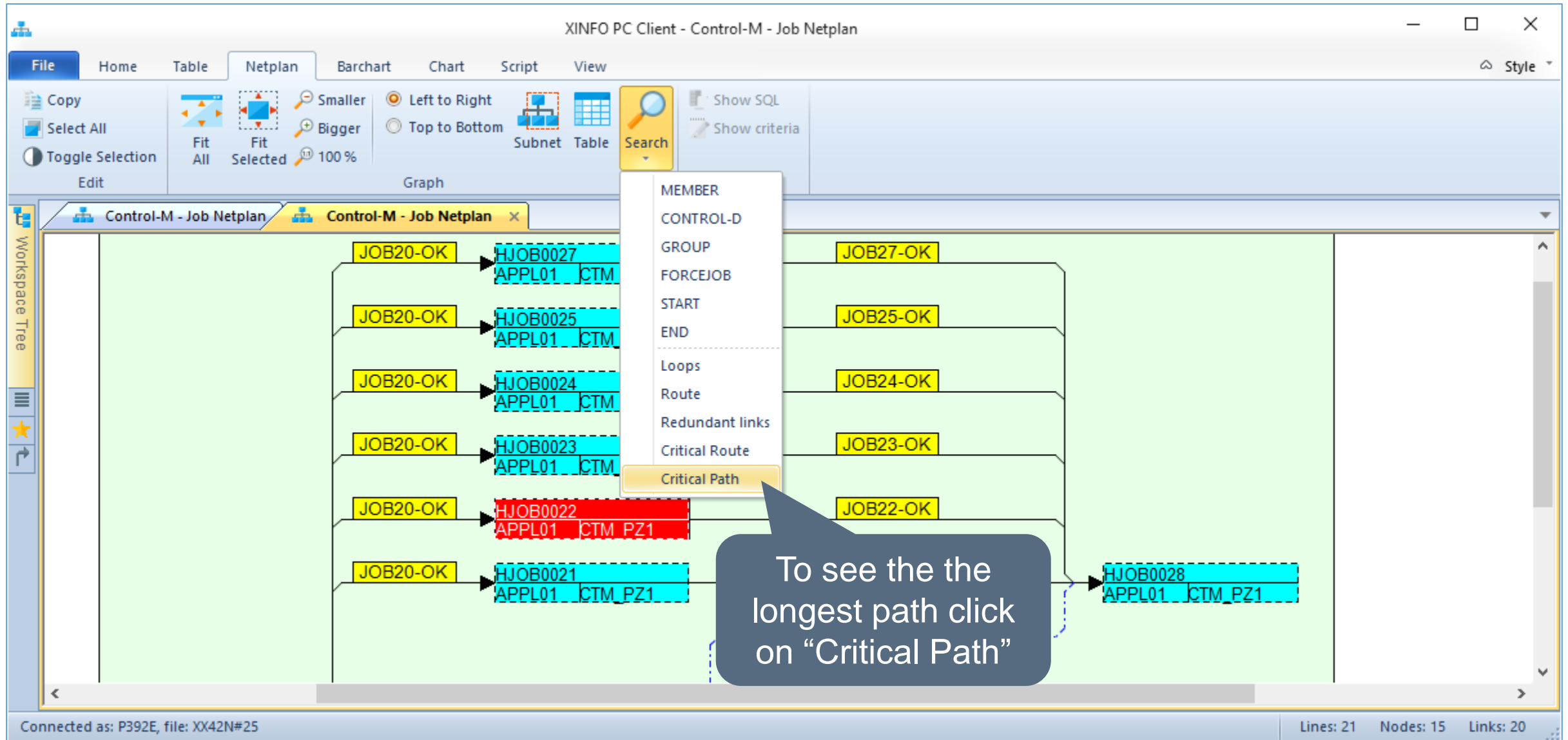
The background shows a job netplan diagram with various nodes and links. The nodes include "APPL01", "HJOB002", "HJOB003", "HJOB004", "HJOB005", "HJOB006", "HJOB007", "HJOB008", "HJOB009", "HJOB010", "HJOB011", "HJOB012", "HJOB013", "HJOB014", "HJOB015", "HJOB016", "HJOB017", "HJOB018", "HJOB019", "HJOB020", "HJOB021", "HJOB022", "HJOB023", "HJOB024", "HJOB025", "HJOB026", "HJOB027", "HJOB028", "HJOB029", "HJOB030", "HJOB031", "HJOB032", "HJOB033", "HJOB034", "HJOB035", "HJOB036", "HJOB037", "HJOB038", "HJOB039", "HJOB040", "HJOB041", "HJOB042", "HJOB043", "HJOB044", "HJOB045", "HJOB046", "HJOB047", "HJOB048", "HJOB049", "HJOB050", "HJOB051", "HJOB052", "HJOB053", "HJOB054", "HJOB055", "HJOB056", "HJOB057", "HJOB058", "HJOB059", "HJOB060", "HJOB061", "HJOB062", "HJOB063", "HJOB064", "HJOB065", "HJOB066", "HJOB067", "HJOB068", "HJOB069", "HJOB070", "HJOB071", "HJOB072", "HJOB073", "HJOB074", "HJOB075", "HJOB076", "HJOB077", "HJOB078", "HJOB079", "HJOB080", "HJOB081", "HJOB082", "HJOB083", "HJOB084", "HJOB085", "HJOB086", "HJOB087", "HJOB088", "HJOB089", "HJOB090", "HJOB091", "HJOB092", "HJOB093", "HJOB094", "HJOB095", "HJOB096", "HJOB097", "HJOB098", "HJOB099", "HJOB100". The links include "THIS-IS-AN-ONLY-IN", "JOB20-OK", "JOB21-OK", "JOB26-OK", "JOB29-OK", "JOB30-OK", "JOB31-OK", "JOB32-OK", "JOB33-OK", "JOB34-OK", "JOB35-OK", "JOB36-OK", "JOB37-OK", "JOB38-OK", "JOB39-OK", "JOB40-OK", "JOB41-OK", "JOB42-OK", "JOB43-OK", "JOB44-OK", "JOB45-OK", "JOB46-OK", "JOB47-OK", "JOB48-OK", "JOB49-OK", "JOB50-OK", "JOB51-OK", "JOB52-OK", "JOB53-OK", "JOB54-OK", "JOB55-OK", "JOB56-OK", "JOB57-OK", "JOB58-OK", "JOB59-OK", "JOB60-OK", "JOB61-OK", "JOB62-OK", "JOB63-OK", "JOB64-OK", "JOB65-OK", "JOB66-OK", "JOB67-OK", "JOB68-OK", "JOB69-OK", "JOB70-OK", "JOB71-OK", "JOB72-OK", "JOB73-OK", "JOB74-OK", "JOB75-OK", "JOB76-OK", "JOB77-OK", "JOB78-OK", "JOB79-OK", "JOB80-OK", "JOB81-OK", "JOB82-OK", "JOB83-OK", "JOB84-OK", "JOB85-OK", "JOB86-OK", "JOB87-OK", "JOB88-OK", "JOB89-OK", "JOB90-OK", "JOB91-OK", "JOB92-OK", "JOB93-OK", "JOB94-OK", "JOB95-OK", "JOB96-OK", "JOB97-OK", "JOB98-OK", "JOB99-OK", "JOB100-OK".

The status bar at the bottom indicates "Connected as: P392E, file: XX42N#25" and "Lines: 21 Nodes: 15 Links: 20".

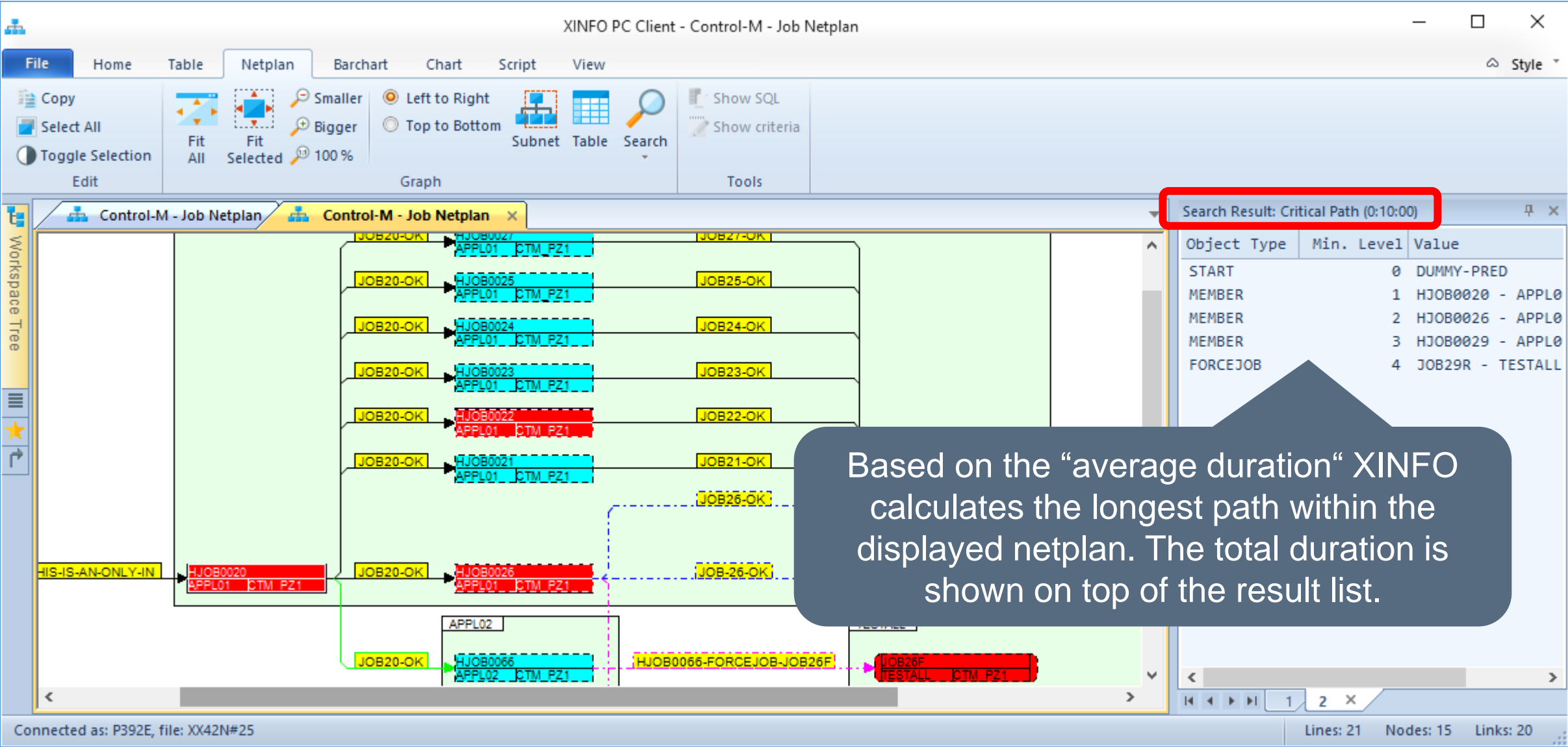
# Control-M – Job Netplan



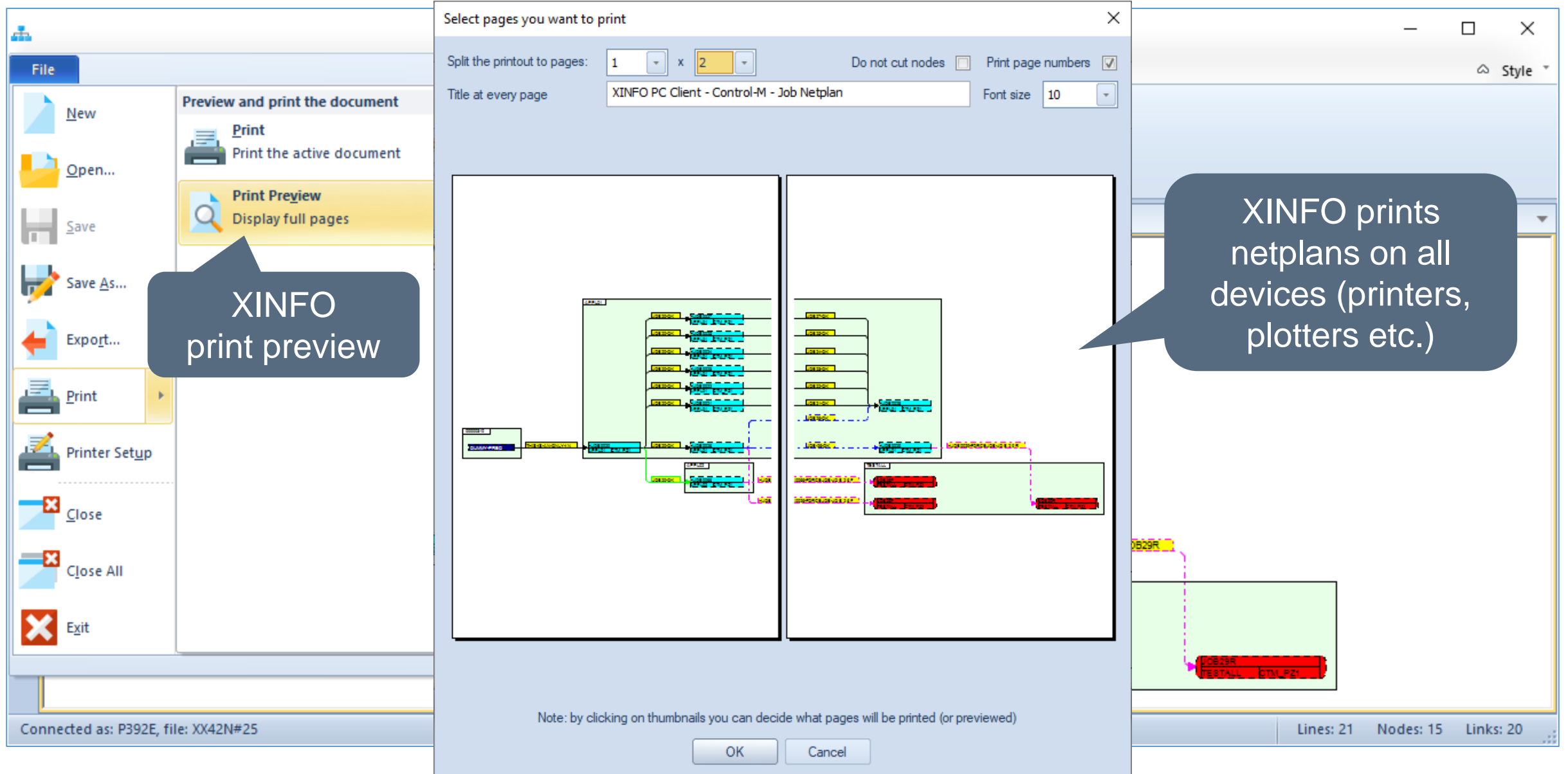
# Control-M – Job Netplan - Critical Path



# Control-M – Job Netplan - Critical Path



# XINFO – Print Netplans





# Control-M – Barchart

XINFO PC Client

File Home Table Netplan Barchart Chart Script View

Copy Select All Toggle Selection Edit Fit All Select

Workspace Tree

- Control-M
  - Job Definitions
  - Scheduling
  - Resources
  - IN-/OUT-Conditions
  - ON PGMST / Steps
  - SET Variables
  - SHOUT
  - Capture
  - Job Script/JCL
  - IOALOG
  - Job History
  - Average Job Duration
  - Forecast
  - Job Netplan
  - Table Netplan
  - Job Runtime Barchart
- Control-M/EM
- EJM

Control-M - Job Runtime Barchart

MEMNAME/Filename	=		
Jobname (d)	=		
Table/Folder	=		
Application	=		
Group/Sub Appl.	=		
Order Date	=		DD.MM.YYYY
Job Start Time	>=	1.1.2021,00:00:00	DD.MM.YYYY,HH:MM:SS
Job End Time	=		DD.MM.YYYY,HH:MM:SS
Elapsed (Sec.)	=		
Status	=		
Error Code	=		
Node/Host	=		
User	=		
Control-M System	=		

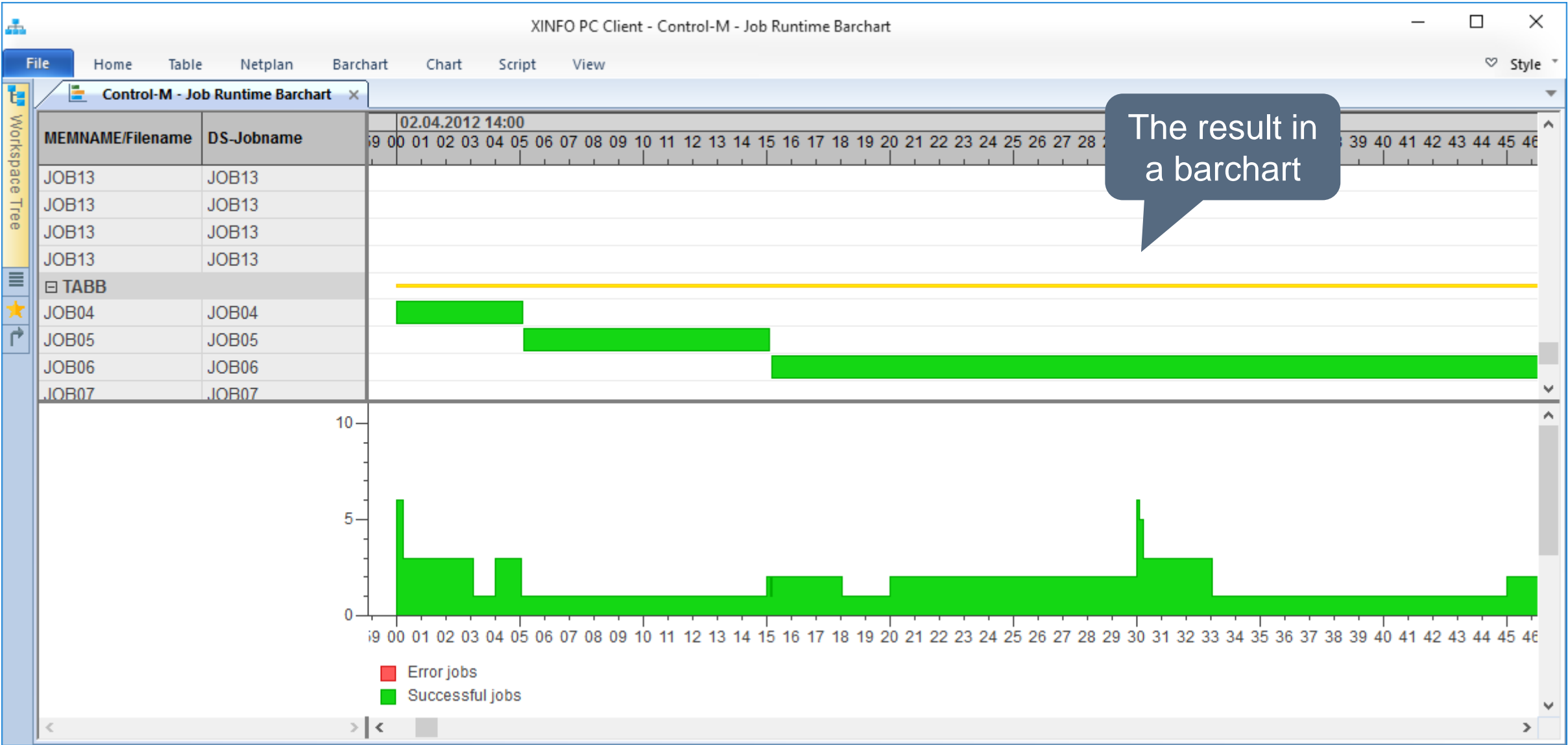
Selection criteria

OK Actions Cancel

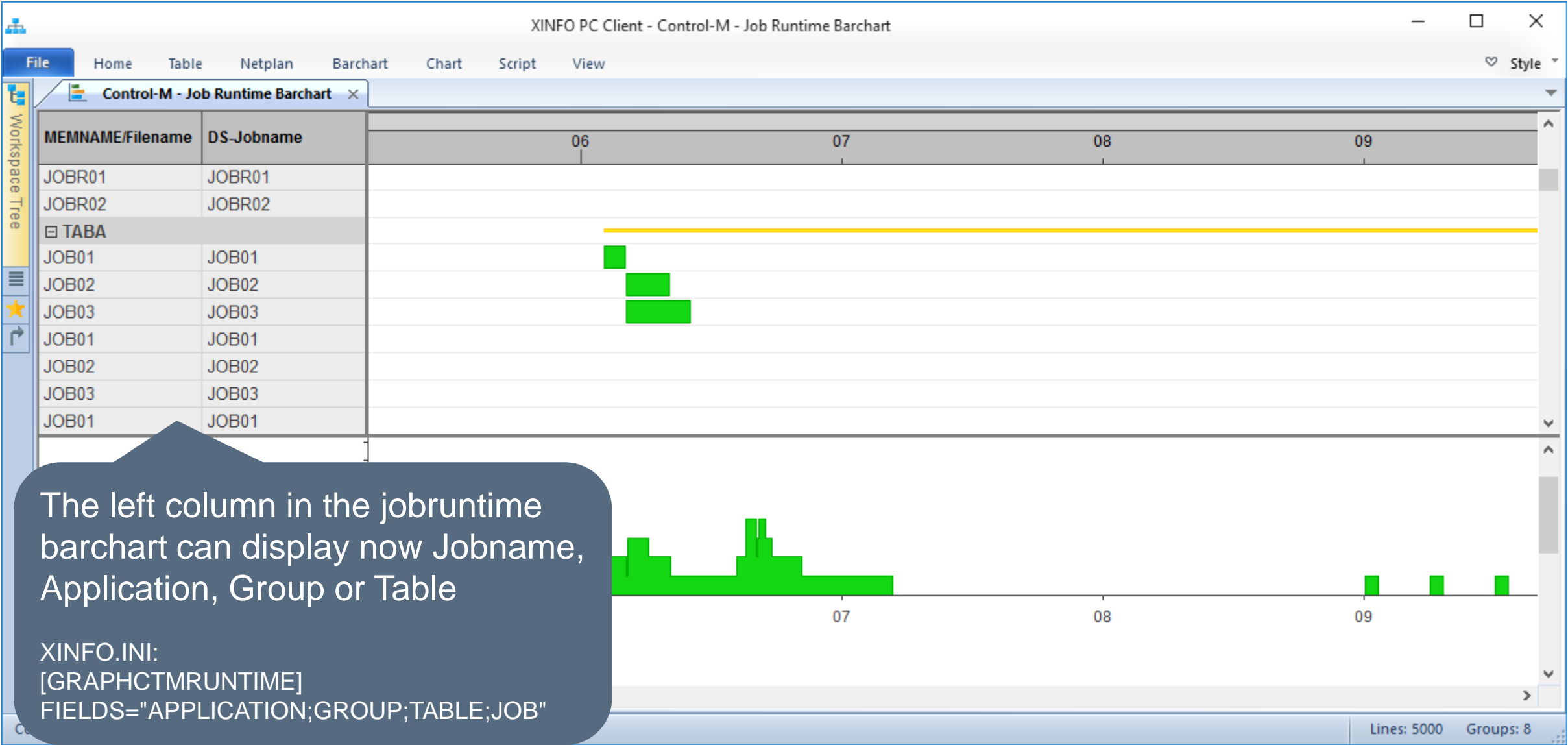
Worksp... Worksp... Favouri... Shortcuts

Connected as: P392E, file: XX42N#25

# Control-M – Barchart Result



# Control-M – Barchart



# XINFO Reporting: Batch Interface (BIF)

To automate the creation of queries or charts you can use the Batch Interface:

With XINFO's BIF every query done with XINFO PC Client can be automated and executed by your scheduling system.

All necessary instructions are coded in a own script language.

All necessary components can be created with the PC Client itself.

The creation of a BIF is described in the document [XINFO Batch Interface](#).

Important: The User have to edit the BIF and all associated files only once according to his wishes. All variables needed could be handed over to the process from outside.

This way a periodic execution is possible without any changes.

# XINFO Reporting: BIF Example

The screenshot displays the XINFO PC Client window titled "XINFO PC Client - job\_history.bif". The interface includes a menu bar (File, Home, Table, Netplan, Barchart, Chart, Script, View) and a toolbar with icons for Cut, Copy, Paste, Undo, Redo, Find, Replace, Unmark, Variable Set, Check, and Run. The main workspace shows a script named "job\_history.bif" with the following content:

```
1 logon='.\\Bif_Samples\\logon.lgn'  
2 selection_file='.\\Bif_Samples\\job_history_per_day.sel'  
3 VBAR_chart='IT-Charts - Control-M - Job History'  
4 create_png_file='.\\monthly_report\\Pictures\\job_history_per_day.png'  
5 create_json_file='.\\Bif_Samples\\Outbif\\job_history_per_day.js'
```

A blue callout box with white text is overlaid on the script, stating: "Example of a short Batch Interface script to automate your reporting".

Below the script editor is the "Output" pane, which shows the following log messages:

```
2021-06-15 13:39:32 S message (line 002): document created (IT-Charts - Control-M - Job History), records: 13  
2021-06-15 13:39:32 S message (line 003): vbar chart set: IT-Charts - Control-M - Job History  
2021-06-15 13:39:33 S message (line 004): graphic file has been created successfully  
2021-06-15 13:39:33 S message (line 005): CSV data have been written successfully  
2021-06-15 13:39:33 S script finished, result: TRUE
```

The bottom status bar indicates the connection: "Connected as: P392E, file: XX42N#25".

# XINFO – Data Export

File

New

Open...

Save

Save As...

Export...

Print

Printer Setup

Close

Close All

Exit

Recent Documents

1 number\_jobs.bif

2 job\_history.bif

View

How SQL

How criteria

Reverse Filter

Tools

New

Library Explorer

Chart

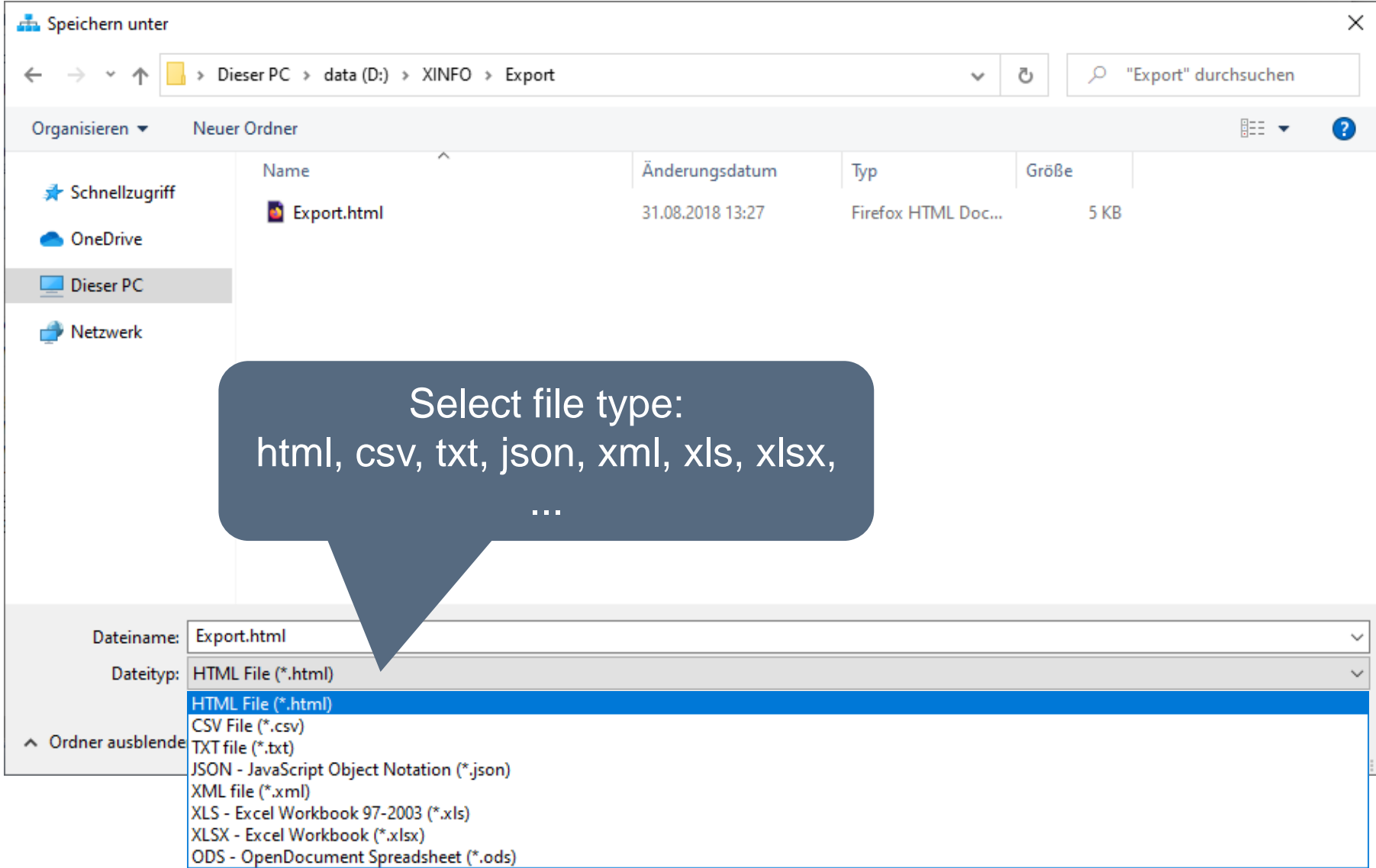
Last-End	L.Dur.	Last-Dur.	A.Dur.	Avg.-Dur.	1st-Start	Node/Host	Control-M	
<all>	<a...>	<all>	<all>	<all>	<all>	<all>	<all>	
09:25:40	000112	72	000112	72	15.04.2021,09:24:28	MVS	CTM_TZ1	
09:26:29	000201	121	000201	121	15.04.2021,09:24:28	MVS	CTM_TZ1	
06:33:58	000245	165	000247	167	17.11.2020,06:31:27	pc138	CTM_PW1	
06:34:17	000417	257	000418	258	17.11.2020,06:30:00		CTM_PW1	
2021,06:00:08	19.07.2021,06:01:34	000126	86	000121	81	17.11.2020,06:00:08	pc138	CTM_PW1
2021,06:30:03	19.07.2021,06:31:12	000109	69	000110	70	17.11.2020,06:30:03	pc138	CTM_PW1
2020,06:30:00	21.12.2020,06:31:02	000102	62	000102	62	21.12.2020,06:30:00		CTM_TU1
2020,06:30:00	20.12.2020,06:31:02	000102	62	000103	63	18.11.2020,06:30:00		CTM_TU1
2021,06:30:00	19.07.2021,06:31:06	000106	66	000108	68	22.12.2020,06:30:00		CTM_TU1
2021,06:00:07	19.07.2021,06:01:12	000105	65	000102	62	18.11.2020,06:00:06	pc137.horizont-it.de	CTM_TU1
2021,06:00:07	19.07.2021,06:10:25	001018	618	001017	617	17.11.2020,15:39:17	pc139.horizont-it.de	CTM_DU1

With "Export" all data can be exported

Connected as: P392E, file: XX42N#25

Lines: 11

# XINFO – Data Export



# XINFO – Export Data to Excel

Export - Excel

Export to Excel

Scheduler - Control-M - Average Job Duration

MEMNAME/Filename	DS-Jobname	Last Job Start Time	Last Job End Time	L.Dur.	Last Dur.	A.Dur.	Avg. Dur.	CPUTIME	1st Run Info	NODEID	Control-M	Table	Group
ctmcontb	ctmcontb	2012-07-13 07:00:35.000000	2012-07-13 07:00:39.000000	000004	4	000004	4	0	2012-07-11 07:00:31.000000	pc03	TEST-SERVER	Systemmaintenance	System
ctmjasa	ctmjasa	2012-07-13 07:00:35.000000	2012-07-13 07:00:39.000000	000004	4	000004	4	0	2012-07-11 07:00:31.000000	pc03	TEST-SERVER	Systemmaintenance	System
ctmlog_delete	ctmlog_delete	2012-07-12 07:00:37.000000	2012-07-12 07:00:39.000000	000002	2	000002	2	0	2012-07-11 07:00:35.000000	pc03	TEST-SERVER	Systemmaintenance	System
ctmlog_save	ctmlog_save	2012-07-13 07:00:35.000000	2012-07-13 07:00:39.000000	000004	4	000004	4	0	2012-07-11 07:00:31.000000	pc03	TEST-SERVER	Systemmaintenance	System
ctmrpln	ctmrpln	2012-07-13 07:00:35.000000	2012-07-13 07:00:39.000000	000004	4	000004	4	0	2012-07-11 07:00:31.000000	pc03	TEST-SERVER	Systemmaintenance	System
Start	Start	2012-07-13 07:00:34.000000	2012-07-13 07:00:34.000000	000001	1	000001	1	0	2012-07-11 07:00:29.000000	pc03	TEST-SERVER	Systemmaintenance	System
UDAILYP01	UDAILYP01	2012-07-13 07:00:35.000000	2012-07-13 07:00:39.000000	000004	4	000004	4	0	2012-07-11 07:00:31.000000	pc03	TEST-SERVER	Systemmaintenance	System
Test0101	Test0101	2012-07-12 08:00:00.000000	2012-07-12 08:00:01.000000	000001	1	000001	1	0	2012-07-11 08:00:00.000000	pc03	TEST-SERVER	Test01	test
Test0102	Test0102	2012-07-12 08:00:02.000000	2012-07-12 08:00:09.000000	000007	7	000007	7	0	2012-07-11 08:00:02.000000	pc03	TEST-SERVER	Test01	test
ctm-unload-ok	ctm-unload-ok	2012-07-12 07:01:12.000000	2012-07-12 07:01:12.000000	000001	1	000001	1	0	2012-07-11 07:01:09.000000	pc03	TEST-SERVER	XINFO35	XINFO35
0#SDUMMY	0#SDUMMY	2009-09-04 15:57:06.000000	2009-09-04 15:57:12.000000	000006	6	000006	6	0	2009-09-04 15:57:06.000000	MVS	TEST-HOST2	IVPAPI	IVPAPI
ctmcontb	ctmcontb	2012-04-04 06:05:00.000000	2012-04-04 06:05:12.000000	000012	12	000014	14	0	2012-03-31 06:05:00.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
ctmjasa	ctmjasa	2012-04-04 06:05:00.000000	2012-04-04 06:05:24.000000	000024	24	000025	25	0	2012-03-31 06:05:00.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
ctmlog_delete	ctmlog_delete	2012-04-04 06:05:14.000000	2012-04-04 06:05:24.000000	000010	10	000012	12	0	2012-03-31 06:05:16.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
ctmlog_save	ctmlog_save	2012-04-04 06:05:00.000000	2012-04-04 06:05:12.000000	000012	12	000013	13	0	2012-03-31 06:05:00.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
ctmrpln	ctmrpln	2012-04-04 06:00:45.000000	2012-04-04 06:01:07.000000	000022	22	000024	24	0	2012-03-31 06:00:41.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
ctmudlyP	ctmudlyP	2012-04-03 06:05:00.000000	2012-04-03 06:06:06.000000	000106	66	000103	63	0	2012-03-31 06:05:00.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
ctmudlyT	ctmudlyT	2012-04-04 06:05:00.000000	2012-04-04 06:05:18.000000	000018	18	000021	21	0	2012-03-31 06:05:00.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
emdb_export	emdb_export	2012-04-03 23:00:00.000000	2012-04-03 23:00:00.000000	000020	20	000019	19	0	2012-03-31 23:00:00.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_EM
erase_alert	erase_alert	2012-04-04 06:00:45.000000	2012-04-04 06:01:06.000000	000021	21	000023	23	0	2012-03-31 06:00:41.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_EM
purge_xalerts	purge_xalerts	2012-04-04 06:00:44.000000	2012-04-04 06:01:06.000000	000022	22	000024	24	0	2012-03-31 06:00:41.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_EM
xxrcctm_unload.bat	ctm-unload	2012-07-12 07:00:35.000000	2012-07-12 07:00:46.000000	000011	11	000011	11	0	2012-07-11 07:00:33.000000	pc03	TEST-SERVER	XINFO	XINFO
xxrcctm_unload.bat	ctm-unload	2012-07-12 07:00:35.000000	2012-07-12 07:00:45.000000	000010	10	000010	10	0	2012-07-11 07:00:34.000000	pc03	TEST-SERVER	XINFO35	XINFO35
xxrcctm_unload.bat	ctm-unload-35d	2012-07-12 07:00:35.000000	2012-07-12 07:00:45.000000	000010	10	000010	10	0	2012-07-11 07:00:33.000000	pc03	TEST-SERVER	XINFO35demo	XINFO35demo
xxrcctm_unload.sh	ctm-unload	2012-04-03 06:05:31.000000	2012-04-03 06:06:47.000000	000116	76	000116	76	0	2012-03-31 06:05:22.000000	pc11	PROD-SERVER	XINFO	XINFO
xxrcctm_unload.sh	ctm-unload	2012-04-03 06:05:33.000000	2012-04-03 06:07:04.000000	000131	91	000130	90	0	2012-03-31 06:05:24.000000	pc11	PROD-SERVER	XINFO35	XINFO35
xxrcctm_unload.sh	ctm-unload-35d	2012-04-03 06:05:37.000000	2012-04-03 06:07:04.000000	000127	87	000125	85	0	2012-03-31 06:05:31.000000	pc11	PROD-SERVER	XINFO35demo	XINFO35demo
xxrcctm_unload_ftp.bat	ctm-unload-ftp	2012-07-12 07:00:48.000000	2012-07-12 07:00:48.000000	000001	1	000001	1	0	2012-07-11 07:00:44.000000	pc03	TEST-SERVER	XINFO	XINFO
xxrcctm_unload_ftp.bat	ctm-unload-ftp	2012-07-12 07:00:46.000000	2012-07-12 07:01:10.000000	000024	24	000024	24	0	2012-07-11 07:00:44.000000	pc03	TEST-SERVER	XINFO35	XINFO35
xxrcctm_unload_ftp.bat	ctm-unload-35d-ftp	2012-07-12 07:00:46.000000	2012-07-12 07:00:56.000000	000010	10	000010	10	0	2012-07-11 07:00:43.000000	pc03	TEST-SERVER	XINFO35demo	XINFO35demo
xxrcctm_unload_ftp.sh	ctm-unload-ftp	2012-04-03 06:06:53.000000	2012-04-03 06:06:53.000000	000001	1	000001	1	0	2012-03-31 06:06:45.000000	pc11	PROD-SERVER	XINFO	XINFO
xxrcctm_unload_ftp.sh	ctm-unload-35d-ftp	2012-04-03 06:07:05.000000	2012-04-03 06:07:29.000000	000024	24	000023	23	0	2012-03-31 06:06:57.000000	pc11	PROD-SERVER	XINFO35demo	XINFO35demo
A1D		2004-12-27 18:51:16.000000	2004-12-27 18:51:22.000000	000006	6	000006	6	0	2004-12-27 18:51:16.000000	MVS	PROD-HOST1		DOZENT
Cycle01	Cycle01	2012-04-03 16:30:00.000000	2012-04-03 16:33:05.000000	000305	185	000306	186	0	2012-03-31 09:00:00.000000	pc11	PROD-SERVER	TestCycle	TestCycle
Cycle02	Cycle02	2012-04-03 22:00:00.000000	2012-04-03 22:00:16.000000	000016	16	000016	16	0	2012-03-31 09:00:00.000000	pc11	PROD-SERVER	TestCycle	TestCycle

sheet1

BEREIT

100 %



# XINFO – Exported Data as HTML

Horizont Application H... file:///C:/temp...DS/Export.html

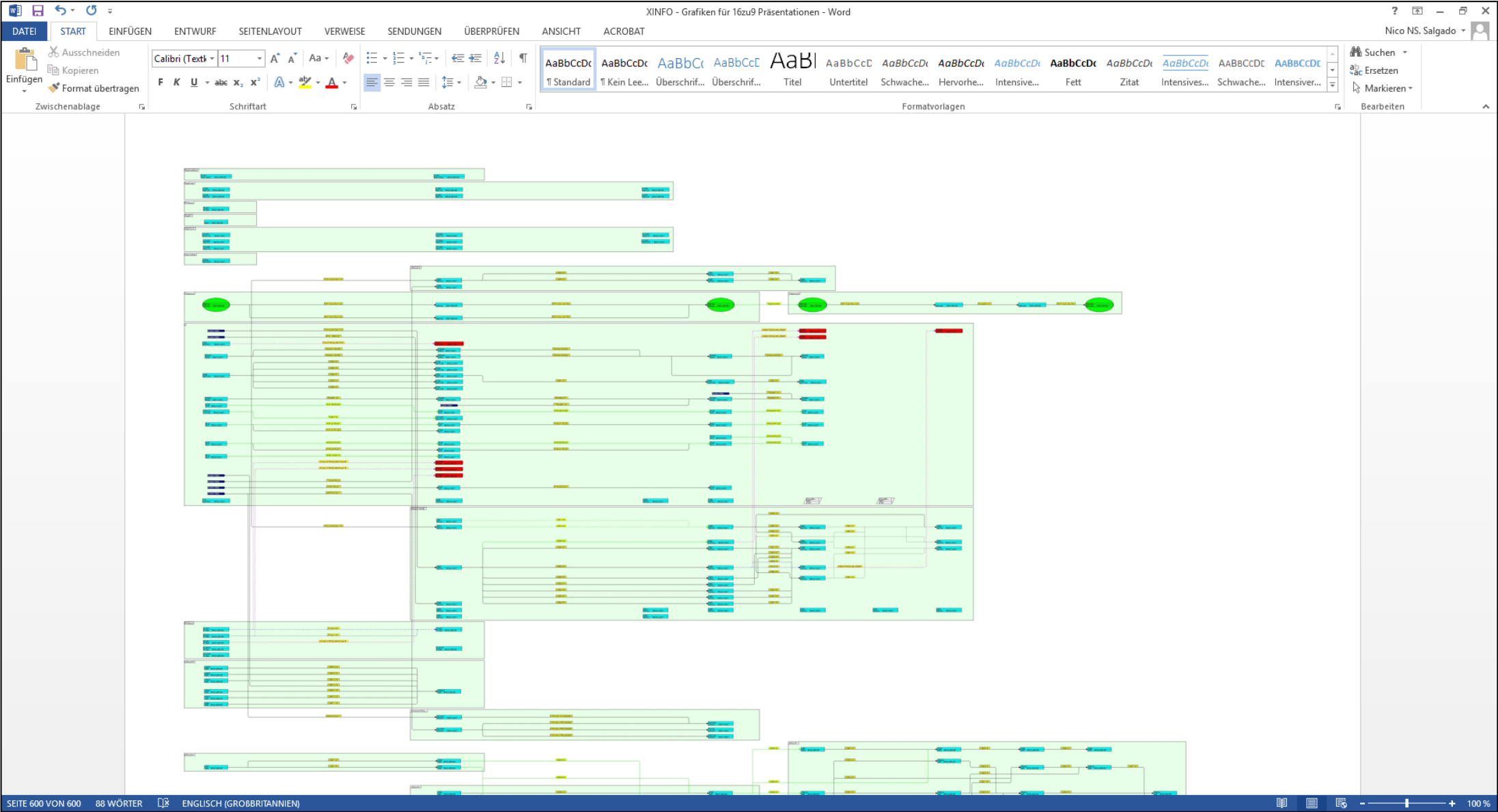
file:///C:/temp/PC Client/Scheduler zOS and DS/Export.html

Suchen

MEMNAME/Filename	DS-Jobname	Last Job Start Time	Last Job End Time	L.Dur.	Last Dur.	A.Dur.	Avg. Dur.	CPUTIME	1st Run Info	NODEID	Control-M	Table	Group
	ctmcontb	13.07.2012-07:00:35.000000	13.07.2012-07:00:39.000000	000004	4	000004	4	0	11.07.2012-07:00:31.000000	pc03	TEST-SERVER	Systemmaintenance	System
	ctmjasa	13.07.2012-07:00:35.000000	13.07.2012-07:00:39.000000	000004	4	000004	4	0	11.07.2012-07:00:31.000000	pc03	TEST-SERVER	Systemmaintenance	System
	ctmlog_delete	12.07.2012-07:00:37.000000	12.07.2012-07:00:39.000000	000002	2	000002	2	0	11.07.2012-07:00:35.000000	pc03	TEST-SERVER	Systemmaintenance	System
	ctmlog_save	13.07.2012-07:00:35.000000	13.07.2012-07:00:39.000000	000004	4	000004	4	0	11.07.2012-07:00:31.000000	pc03	TEST-SERVER	Systemmaintenance	System
	ctmrpln	13.07.2012-07:00:35.000000	13.07.2012-07:00:39.000000	000004	4	000004	4	0	11.07.2012-07:00:31.000000	pc03	TEST-SERVER	Systemmaintenance	System
	Start	13.07.2012-07:00:34.000000	13.07.2012-07:00:34.000000	000001	1	000001	1	0	11.07.2012-07:00:29.000000	pc03	TEST-SERVER	Systemmaintenance	System
	UDAILYPO1	13.07.2012-07:00:35.000000	13.07.2012-07:00:39.000000	000004	4	000004	4	0	11.07.2012-07:00:31.000000	pc03	TEST-SERVER	Systemmaintenance	System
	Test0101	12.07.2012-08:00:00.000000	12.07.2012-08:00:01.000000	000001	1	000001	1	0	11.07.2012-08:00:00.000000	pc03	TEST-SERVER	Test01	test
	Test0102	12.07.2012-08:00:02.000000	12.07.2012-08:00:09.000000	000007	7	000007	7	0	11.07.2012-08:00:02.000000	pc03	TEST-SERVER	Test01	test
	ctm-unload-ok	12.07.2012-07:01:12.000000	12.07.2012-07:01:12.000000	000001	1	000001	1	0	11.07.2012-07:01:09.000000	pc03	TEST-SERVER	XINFO35	XINFO35
δ#\$DUMY		04.09.2009-15:57:06.000000	04.09.2009-15:57:12.000000	000006	6	000006	6	0	04.09.2009-15:57:06.000000	MVS	TEST-HOST2		IVPAPI
ctmcontb	ctmcontb	04.04.2012-06:05:00.000000	04.04.2012-06:05:12.000000	000012	12	000014	14	0	31.03.2012-06:05:00.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
ctmjasa	ctmjasa	04.04.2012-06:05:00.000000	04.04.2012-06:05:24.000000	000024	24	000025	25	0	31.03.2012-06:05:00.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
ctmlog_delete	ctmlog_delete	04.04.2012-06:05:14.000000	04.04.2012-06:05:24.000000	000010	10	000012	12	0	31.03.2012-06:05:16.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
ctmlog_save	ctmlog_save	04.04.2012-06:05:00.000000	04.04.2012-06:05:12.000000	000012	12	000013	13	0	31.03.2012-06:05:00.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
ctmrpln	ctmrpln	04.04.2012-06:00:45.000000	04.04.2012-06:01:07.000000	000022	22	000024	24	0	31.03.2012-06:00:41.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
ctmudlyP	ctmudlyP	03.04.2012-06:05:00.000000	03.04.2012-06:06:06.000000	000106	66	000103	63	0	31.03.2012-06:05:00.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
ctmudlyT	ctmudlyT	04.04.2012-06:05:00.000000	04.04.2012-06:05:18.000000	000018	18	000021	21	0	31.03.2012-06:05:00.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_CTM
emdb_export	emdb_export	03.04.2012-23:00:00.000000	03.04.2012-23:00:20.000000	000020	20	000019	19	0	31.03.2012-23:00:00.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_EM
erase_alert	erase_alert	04.04.2012-06:00:45.000000	04.04.2012-06:01:06.000000	000021	21	000023	23	0	31.03.2012-06:00:41.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_EM
purge_xalerts	purge_xalerts	04.04.2012-06:00:44.000000	04.04.2012-06:01:06.000000	000022	22	000024	24	0	31.03.2012-06:00:41.000000	pc11	PROD-SERVER	Systemarbeiten	Systemarbeiten_EM
xxrectm_unload.bat	ctm-unload	12.07.2012-07:00:35.000000	12.07.2012-07:00:46.000000	000011	11	000011	11	0	11.07.2012-07:00:33.000000	pc03	TEST-SERVER	XINFO	XINFO
xxrectm_unload.bat	ctm-unload	12.07.2012-07:00:35.000000	12.07.2012-07:00:45.000000	000010	10	000010	10	0	11.07.2012-07:00:34.000000	pc03	TEST-SERVER	XINFO35	XINFO35
xxrectm_unload.bat	ctm-unload-35d	12.07.2012-07:00:35.000000	12.07.2012-07:00:45.000000	000010	10	000010	10	0	11.07.2012-07:00:33.000000	pc03	TEST-SERVER	XINFO35demo	XINFO35demo
xxrectm_unload.sh	ctm-unload	03.04.2012-06:05:31.000000	03.04.2012-06:06:47.000000	000116	76	000116	76	0	31.03.2012-06:05:22.000000	pc11	PROD-SERVER	XINFO	XINFO
xxrectm_unload.sh	ctm-unload	03.04.2012-06:05:33.000000	03.04.2012-06:07:04.000000	000131	91	000130	90	0	31.03.2012-06:05:24.000000	pc11	PROD-SERVER	XINFO35	XINFO35
xxrectm_unload.sh	ctm-unload-35d	03.04.2012-06:05:37.000000	03.04.2012-06:07:04.000000	000127	87	000125	85	0	31.03.2012-06:05:31.000000	pc11	PROD-SERVER	XINFO35demo	XINFO35demo
xxrectm_unload_ftp.bat	ctm-unload-ftp	12.07.2012-07:00:48.000000	12.07.2012-07:00:48.000000	000001	1	000001	1	0	11.07.2012-07:00:44.000000	pc03	TEST-SERVER	XINFO	XINFO
xxrectm_unload_ftp.bat	ctm-unload-ftp	12.07.2012-07:00:46.000000	12.07.2012-07:01:10.000000	000024	24	000024	24	0	11.07.2012-07:00:44.000000	pc03	TEST-SERVER	XINFO35	XINFO35
xxrectm_unload_ftp.bat	ctm-unload-35d-ftp	12.07.2012-07:00:46.000000	12.07.2012-07:00:56.000000	000010	10	000010	10	0	11.07.2012-07:00:43.000000	pc03	TEST-SERVER	XINFO35demo	XINFO35demo
xxrectm_unload_ftp.sh	ctm-unload-ftp	03.04.2012-06:06:53.000000	03.04.2012-06:06:53.000000	000001	1	000001	1	0	31.03.2012-06:06:45.000000	pc11	PROD-SERVER	XINFO	XINFO
xxrectm_unload_ftp.sh	ctm-unload-35d-ftp	03.04.2012-06:07:05.000000	03.04.2012-06:07:29.000000	000010	10	000010	10	0	31.03.2012-06:07:05.000000	pc11	PROD-SERVER	XINFO35demo	XINFO35demo
A1D		27.12.2004-18:51:16.000000	27.12.2004-18:51:22.000000	000000	0	000000	0	0			PROD-HOST1		DOZENT
Cycle01	Cycle01	03.04.2012-16:30:00.000000	03.04.2012-16:33:05.000000	000016	16	000016	16	0	31.03.2012-09:00:00.000000	pc11	PROD-SERVER	TestCycle	TestCycle
Cycle02	Cycle02	03.04.2012-22:00:00.000000	03.04.2012-22:00:16.000000	000016	16	000016	16	0	31.03.2012-09:00:00.000000	pc11	PROD-SERVER	TestCycle	TestCycle
Cycle03	Cycle03	03.04.2012-10:00:00.000000	03.04.2012-10:00:16.000000	000016	16	000017	17	0	31.03.2012-10:00:00.000000	pc11	PROD-SERVER	TestCycle	TestCycle

HTML file in Firefox

# XINFO – Graphic Export, e.g. as JPG to Word



# XINFO – Line Commands

Workspace Tree

Control-M Job Definitions

HJOBG000

HJOBG001

HJOBG001

HJOBG002

HJOBG003

HJOBG005

HJOBG005

HJOBG006

HJOBG007

HJOBG008

HJOBG009

Browse

BETA93

Control-D

Control-M

CA Deliver

DB2

GRAPH

IMS

JCL

Space

SMF

Average Duration

Capture

Forecast

History

IN-/OUT-Conditions

IOALOG

Job Script/JCL

ON PGMST / Steps

Resources

Scheduling

SET Variables

SHOUT

XINFO PC Client - Control-M Job Definitions

File Home Table Netplan Barchart Chart Script View

MEMNAME/Filename	DS-Jobname	Table/Folder	Application	Group/Sub-Application	Owner/Run-As	Created-By	Typ	Description	CmdLine	T	Library/Path	Schedule-Library
<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>	<all>
HJOBG000		APPLGRP0	GROUPAPPL001	SUBGRPAPPL000	CTMUSR		JOB	TEST GROUP SCHEDULING		J	SYSH.CONTROLM.JCL	SYSH.CONTROLM.:
HJOBG001		APPLGRP1	GROUPAPPL001	SUBGRPAPPL001	CTMUSR		JOB	TEST GROUP SCHEDULING		T	DUMMY	SYSH.CONTROLM.:
HJOBG001		APPLGRP1	GROUPAPPL001	SUBGRPAPPL001	CTMUSR		JOB	TEST GROUP SCHEDULING		J	SYSH.CONTROLM.JCL	SYSH.CONTROLM.:
HJOBG002		APPLGRP1	GROUPAPPL001	SUBGRPAPPL001	CTMUSR		JOB	TEST GROUP SCHEDULING		J	SYSH.CONTROLM.JCL	SYSH.CONTROLM.:
HJOBG003		APPLGRP1	GROUPAPPL001	SUBGRPAPPL001	CTMUSR		JOB	TEST GROUP SCHEDULING		J	SYSH.CONTROLM.JCL	SYSH.CONTROLM.:
HJOBG005		APPLGRP2	GROUPAPPL002	SUBGRPAPPL002	CTMUSR		JOB	TEST GROUP SCHEDULING		T	DUMMY	SYSH.CONTROLM.:
HJOBG005		APPLGRP2	GROUPAPPL002	SUBGRPAPPL002	CTMUSR		JOB	TEST GROUP SCHEDULING		J	SYSH.CONTROLM.JCL	SYSH.CONTROLM.:
HJOBG006			002	SUBGRPAPPL002	CTMUSR		JOB	TEST GROUP SCHEDULING		J	SYSH.CONTROLM.JCL	SYSH.CONTROLM.:
HJOBG007			002	SUBGRPAPPL002	CTMUSR		JOB	TEST GROUP SCHEDULING		J	SYSH.CONTROLM.JCL	SYSH.CONTROLM.:
HJOBG008			003	SUBGRPAPPL003	CTMUSR		JOB	TEST GROUP SCHEDULING		J	SYSH.CONTROLM.JCL	SYSH.CONTROLM.:
HJOBG009			003	SUBGRPAPPL003	CTMUSR		JOB	TEST GROUP SCHEDULING		J	SYSH.CONTROLM.JCL	SYSH.CONTROLM.:

Connected as: P392E, file: XX42N#25

Lines: 11

Line commands allow you to "jump" directly from any record to related data

# XINFO – Line Commands

XINFO PC Client - Control-M - History

File Home Table Netplan Barchart Chart Script View

Control-M Job Definitions Control-M - History

MEMNAME/Filename	DS-Jobname	Start-Time	End-Time	Status	Code	HHMMSS	Elapsed-Sec	Order-Date	OrderId	Node/Host	TT	User	CTM-JobNo	Applicati
<all>	<all>	<all>	<all>	<all>	<...>	<all>	<all>	<all>	<all>	<all>		<all>	<all>	<...>
HJOBG001		24.06.2021,15:00:47	24.06.2021,15:00:52	OK		000005	5	24.06.2021	001AL	MVS	G	CTMUSR		
HJOBG001			25.06.2021,10:52:30	OK				25.06.2021	001B2	MVS	J	CTMUSR		GROUP.
HJOBG001		25.06.2021,10:52:30	25.06.2021,10:52:36	OK		000006	6	25.06.2021	001B1	MVS	G	CTMUSR		GROUP.
HJOBG001		25.06.2021,11:56:13	25.06.2021,11:56:13	OK		000001	1	25.06.2021	001BF	MVS	J	CTMUSR		GROUP.
HJOBG001		25.06.2021,11:56:13	25.06.2021,11:56:19	OK		000006	6	25.06.2021	001BE	MVS	G	CTMUSR		GROUP.
HJOBG001		25.06.2021,13:40:50	25.06.2021,13:40:51	OK		000001	1	25.06.2021	001BN	MVS	J	CTMUSR		GROUP.
HJOBG001		25.06.2021,13:40:50	25.06.2021,13:41:02	NOT OK		000012	12	25.06.2021	001BM	MVS	G	CTMUSR		GROUP.
HJOBG001			25.06.2021,13:54:57	NOT OK				25.06.2021	001BM	MVS	G	CTMUSR		GROUP.
HJOBG001			25.06.2021,13:59:51	OK				25.06.2021	001BM	MVS	G	CTMUSR		GROUP.
HJOBG001			25.06.2021,14:09:57	OK				25.06.2021	001BM	MVS	G	CTMUSR		GROUP.
HJOBG001			29.06.2021,07:00:03	OK				29.06.2021	001CV	MVS	J	CTMUSR		GROUP.
HJOBG001		29.06.2021,07:00:03	29.06.2021,07:00:09	OK		000006	6	29.06.2021	001CU	MVS	G	CTMUSR		GROUP.
HJOBG001		25.06.2021,13:40:51						25.06.2021	001BN	MVS	J	CTMUSR		GROUP.
HJOBG001		25.06.2021,10:52:30						25.06.2021	001B2	MVS	J	CTMUSR		GROUP.
HJOBG001		29.06.2021,07:00:03						29.06.2021	001CV	MVS	J	CTMUSR		GROUP.
HJOBG001		25.06.2021,13:40:51						25.06.2021	001BN	MVS	J	CTMUSR		GROUP.
HJOBG001		25.06.2021,10:52:30						25.06.2021	001B2	MVS	J	CTMUSR		GROUP.
HJOBG001		29.06.2021,07:00:03						29.06.2021	001CV	MVS	J	CTMUSR		GROUP.
HJOBG001		25.06.2021,13:40:51						25.06.2021	001BN	MVS	J	CTMUSR		GROUP.
HJOBG001		25.06.2021,10:52:30						25.06.2021	001B2	MVS	J	CTMUSR		GROUP.
HJOBG001		29.06.2021,07:00:03						29.06.2021	001CV	MVS	J	CTMUSR		GROUP.

Connected as: P392E, file: XX42N#25

Lines: 21

e.g. from job definitions to job history...

# XINFO – Line Commands

The screenshot shows the 'Browse: SYSH.CTM.V919.JOBLIB(HJOBG001)' window. The main pane displays the following JCL:

```

1 //HJOBG001 JOB 9999,TEST,CLASS=A,MSGCLASS=T
2 //*
3 //*
4 //STEP1 EXEC PGM=IEFBR14
5 //*
6 //*

```

A callout bubble points to the JCL text with the text: "e.g. Browse JCL (z/OS only)".

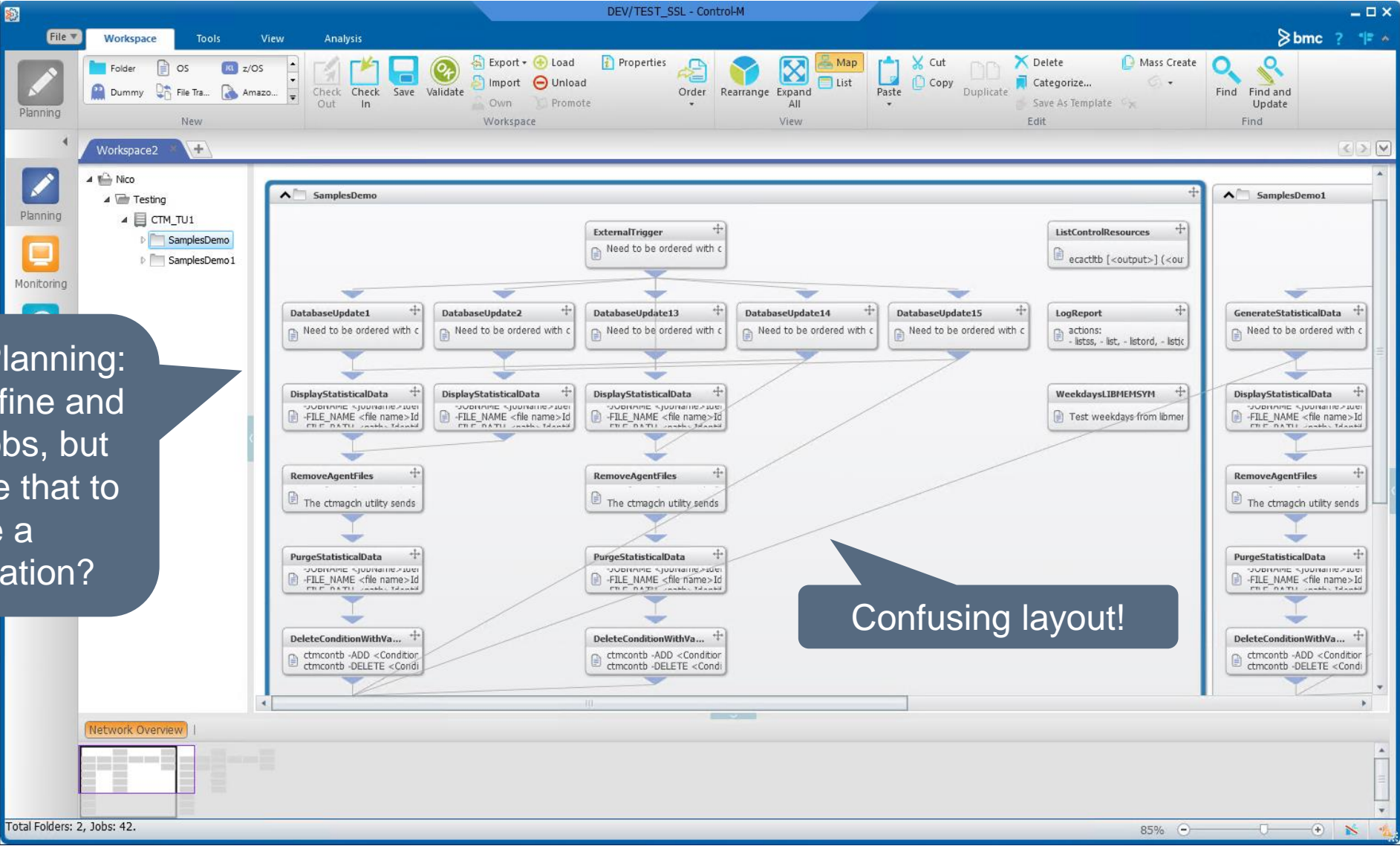
On the left, the 'Control-M Job Definitions' panel lists multiple instances of 'HJOBG001'. On the right, a table shows job details:

TT	User	CTM-JobNo	Applicati
<all>		<all>	<...>
G	CTMUSR		
J	CTMUSR		GROUP.
G	CTMUSR		GROUP.
J	CTMUSR		GROUP.
G	CTMUSR		GROUP.
J	CTMUSR		GROUP.
G	CTMUSR		GROUP.
J	CTMUSR		GROUP.
G	CTMUSR		GROUP.
J	CTMUSR		GROUP.
G	CTMUSR		GROUP.
J	CTMUSR		GROUP.
G	CTMUSR		GROUP.
J	CTMUSR		GROUP.
G	CTMUSR		GROUP.
J	CTMUSR		GROUP.
G	CTMUSR		GROUP.
J	CTMUSR		GROUP.
G	CTMUSR		GROUP.
J	CTMUSR		GROUP.

At the bottom, there are search and action buttons: Search for [text box], Search, <<, >>, OK, Copy, Print..., Save As... The status bar at the very bottom indicates 'Connected as: P392E, file: XX42N#25' and 'Lines: 21'.



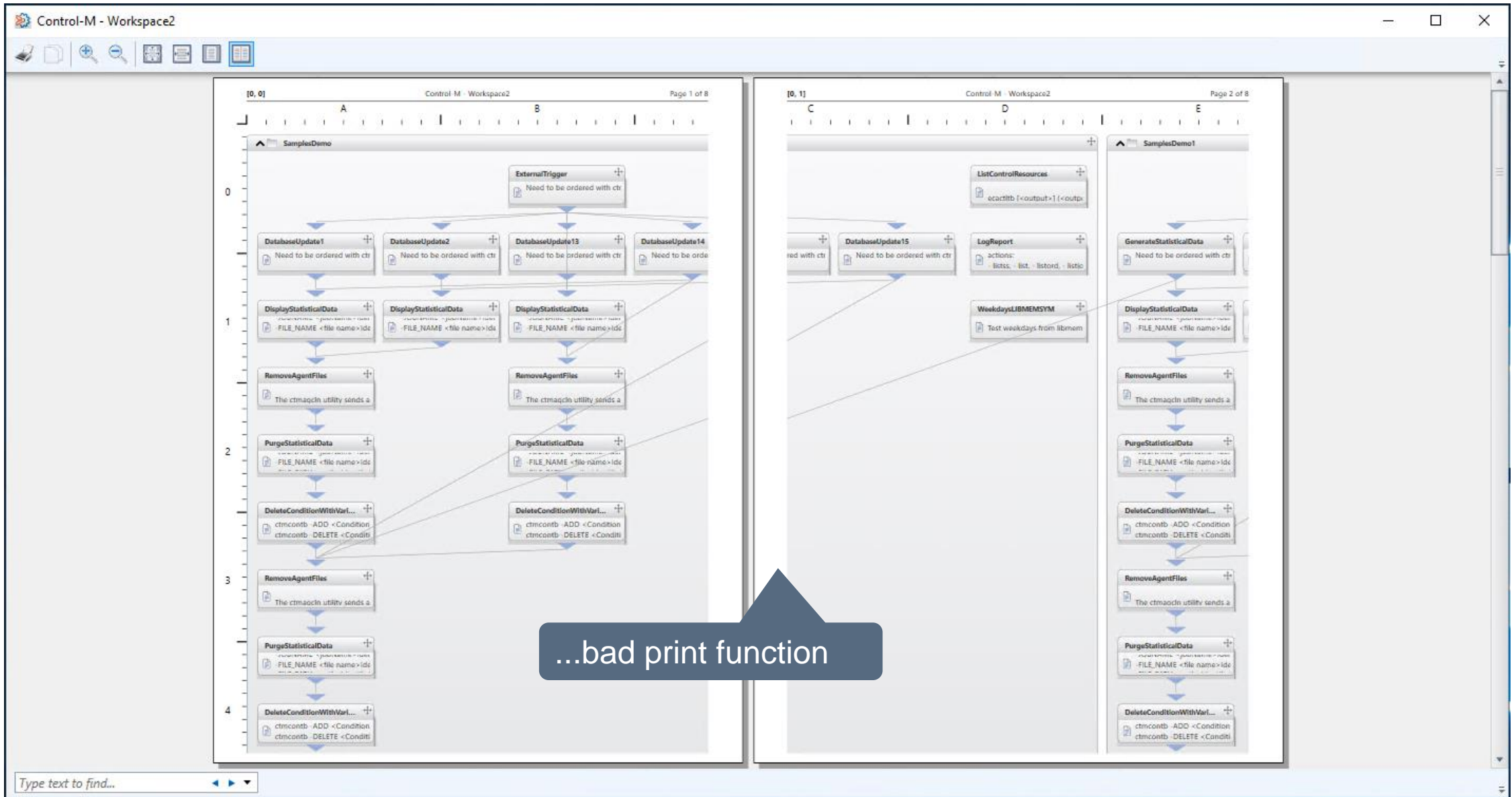
# XINFO vs. Control-M Workload Automation Client



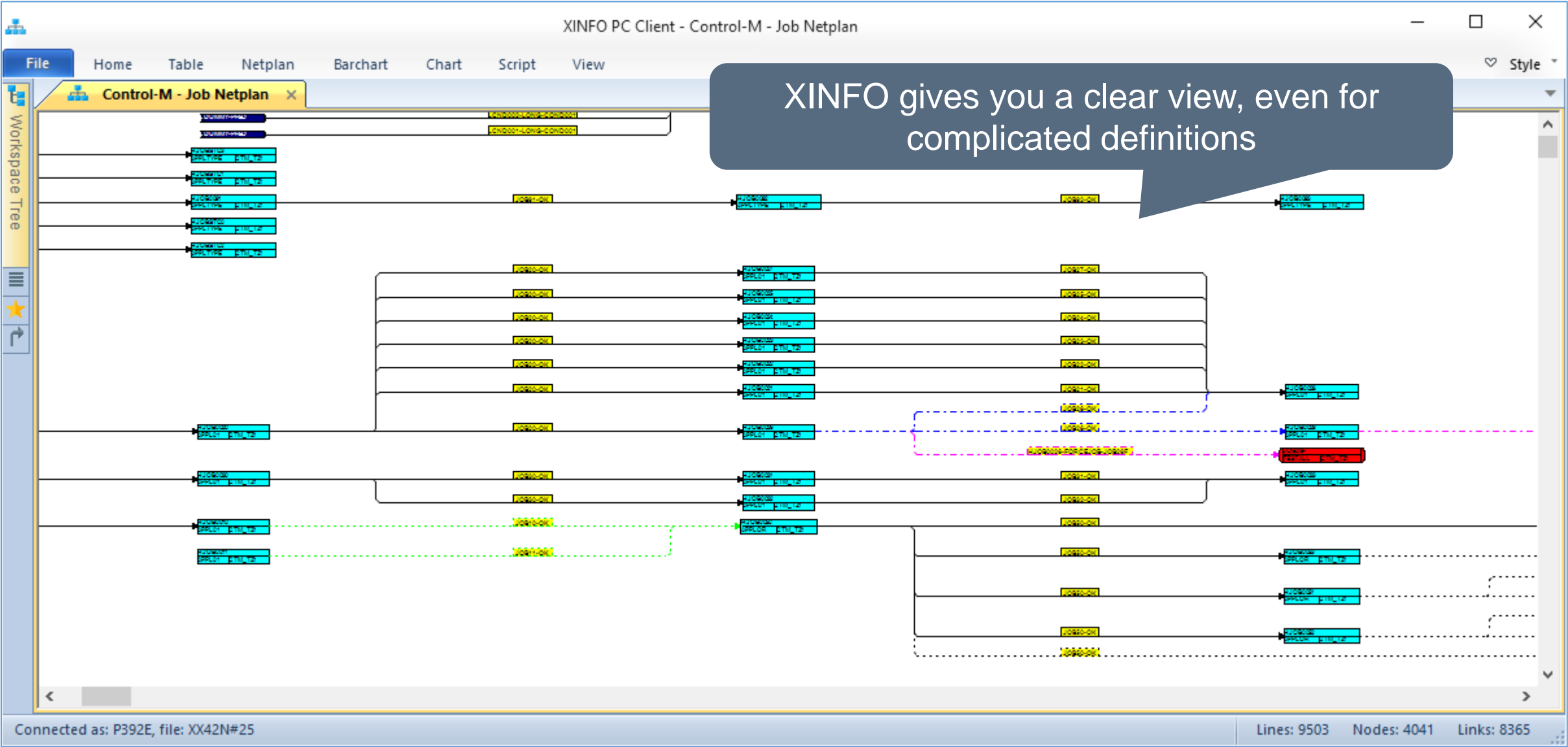
Control-M Planning:  
useful to define and  
maintain jobs, but  
can you use that to  
create a  
documentation?

Confusing layout!

# XINFO vs. Control-M Workload Automation Client



# XINFO vs. Control-M Workload Automation Client





# XINFO vs. Control-M Workload Automation Client

XINFO is a useful extension to Control-M GUI. XINFO loads data from various Control-M systems to give you a general overview, independent from the target platform

Cross reference for Control-M data

Job history and Forecast

Flowcharts

Connected as: P392E, file: XX42N#25

Thanks for your attention! Do you have any questions?

The logo for 'HORIZONT' is displayed in a large, sans-serif font. The letter 'H' is dark grey, followed by a red circle, and then the letters 'ORIZONT' in dark grey. To the left of the red circle is a yellow triangle. Above the 'H' is a blue square. Below the 'O' is a blue square. To the right of the 'T' is a yellow circle. A large red curved shape is on the left side of the slide.

# HORIZONT

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