



# HORIZONT

XINFO – Scheduler – Control-M Enterprise Manager

# About this Presentation

This presentation gives a comprehensive overview of XINFO's Displays for Control-M Enterprise Manager.

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 – Control-M  
Enterprise Manager**

Control-M Architecture

Job Definitions

Scheduling

Resources

In/Out Conditions

On do (post proc)

Variables

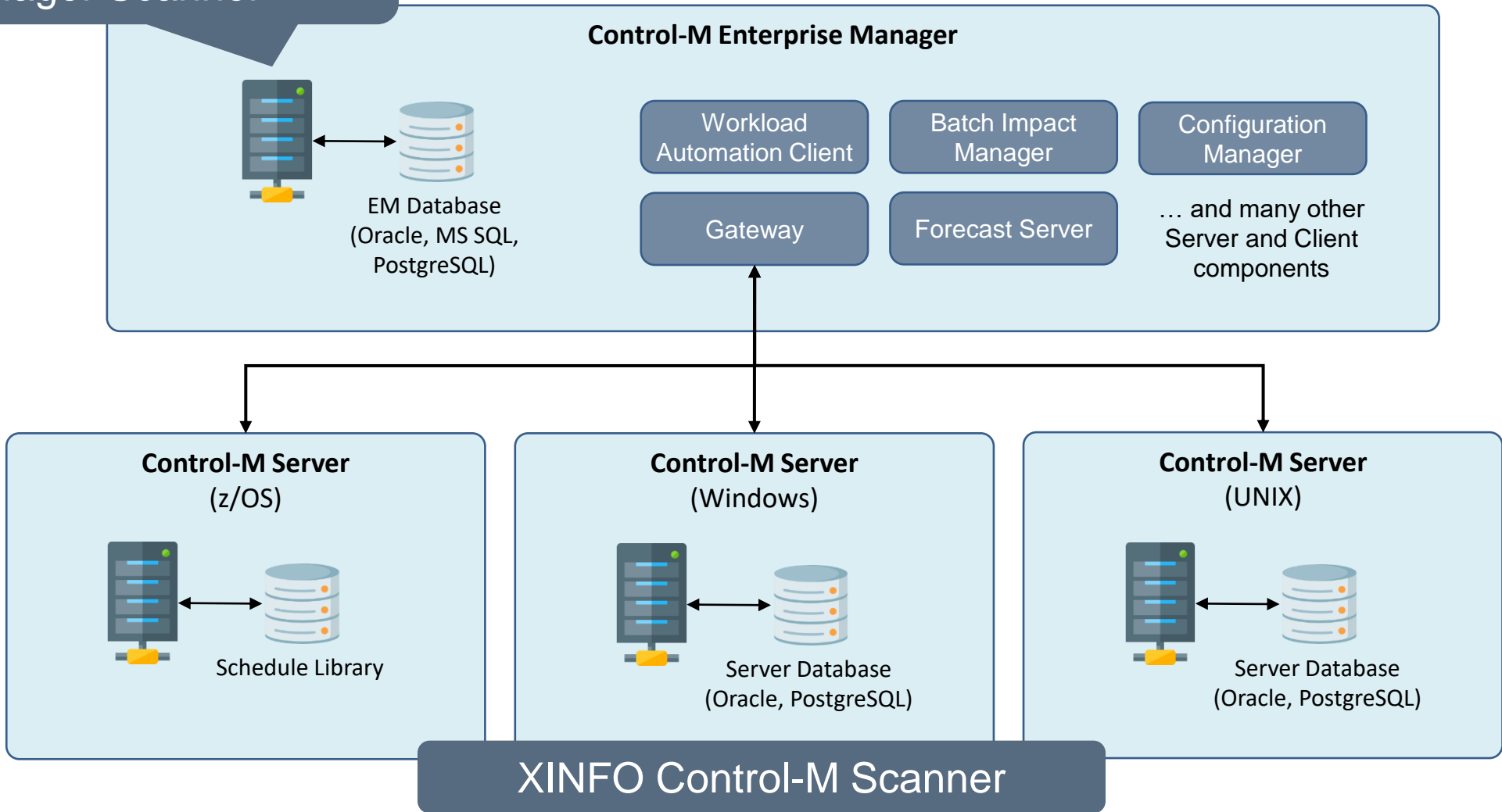
Notifications

Job Script/JCL

Line Commands

# XINFO for Control-M

XINFO Control-M/Enterprise Manager Scanner

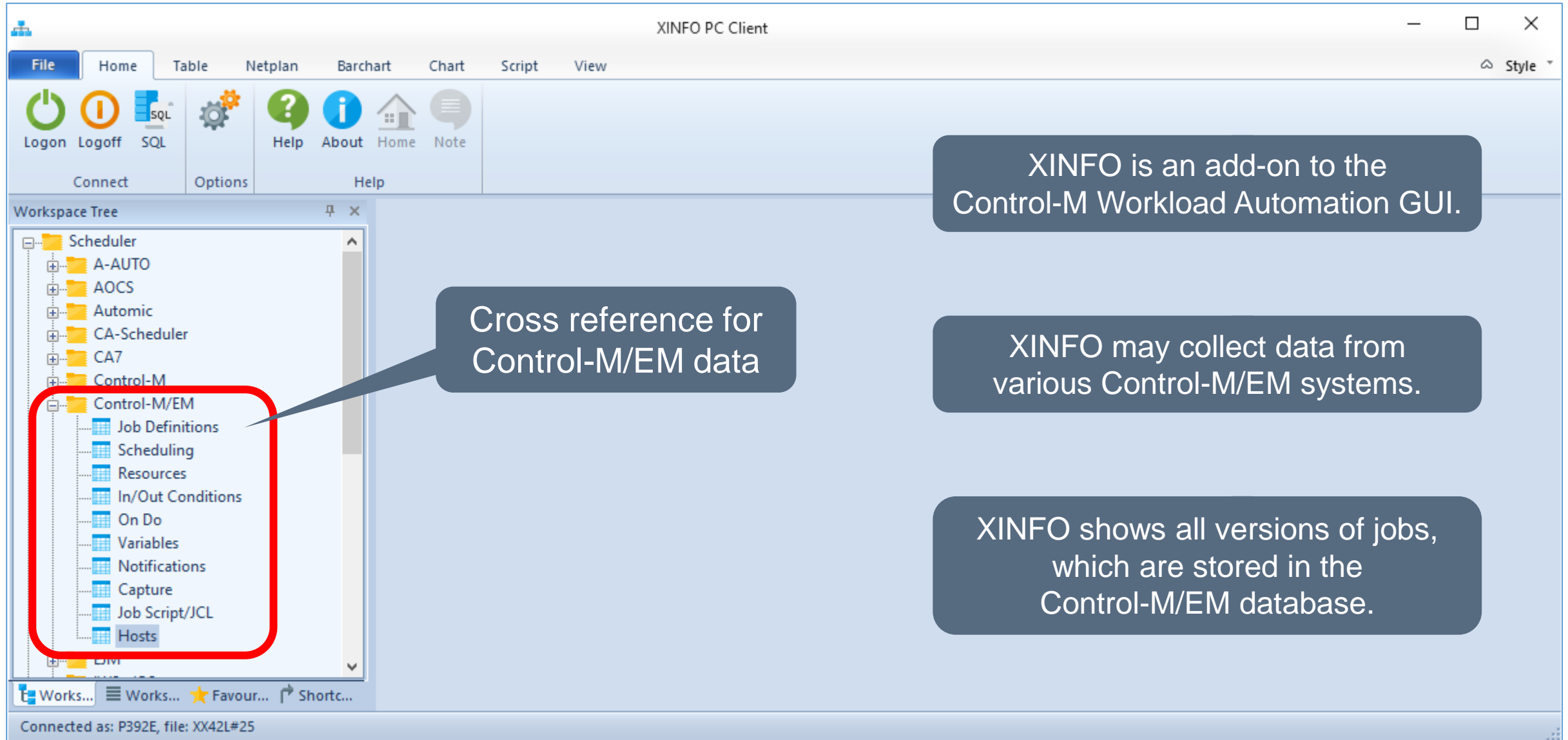


# XINFO and Control-M/EM

XINFO's Control-M/Enterprise Manager interface shows following data unloaded from the Control-M/EM server:

- General Job Definitions
- Scheduling and Execution Parameters
- Resources
- In/Out Conditions
- On-Do Actions (post-proc)
- Variables
- Notifications
- Job Scripts (JCL)
- Hosts

# XINFO and Control-M/EM



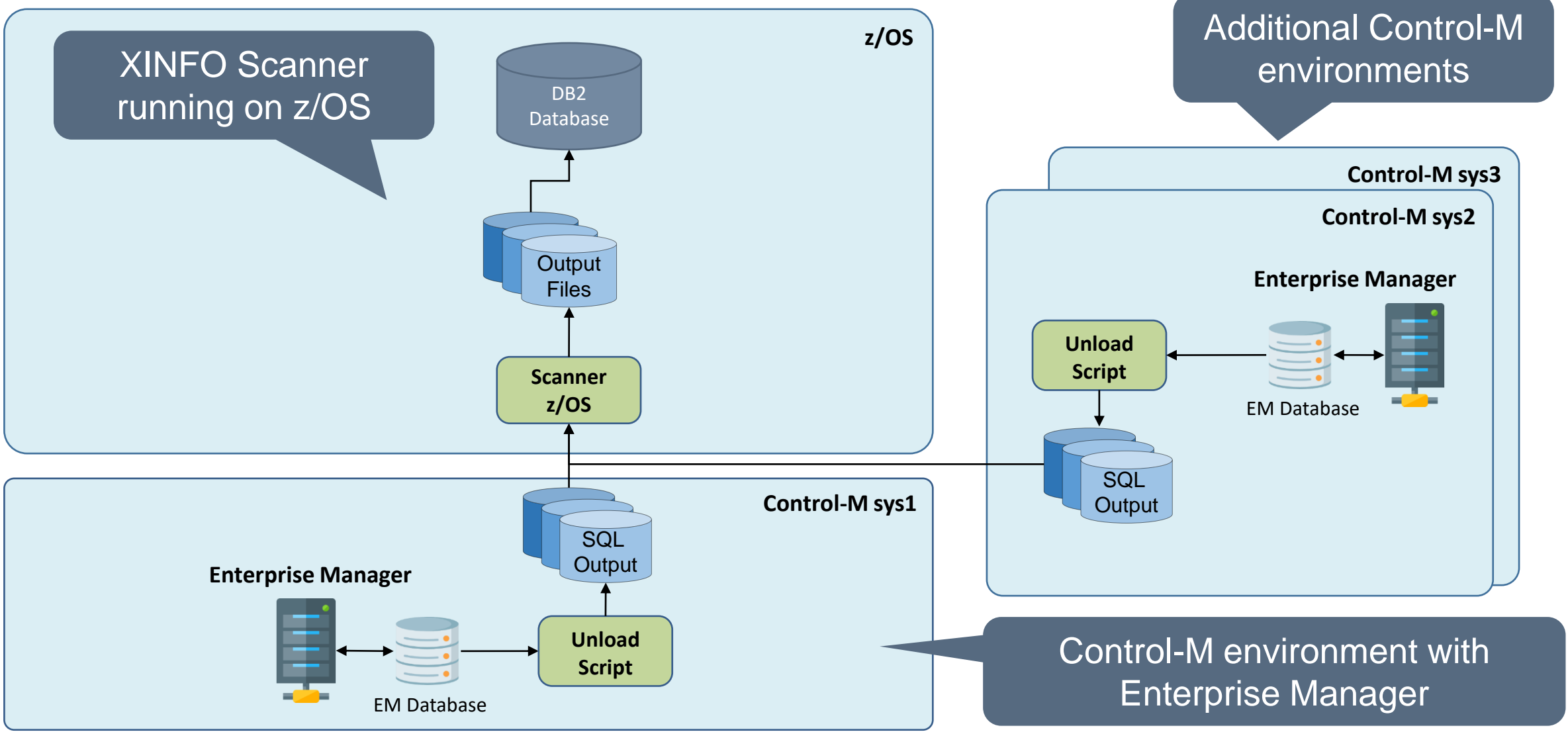
The screenshot shows the XINFO PC Client interface. The top menu bar includes File, Home, Table, Netplan, Barchart, Chart, Script, and View. Below the menu is a toolbar with icons for Logon, Logoff, SQL, Options, Help, About, Home, and Note. The main workspace displays a tree view of the Scheduler hierarchy. The 'Control-M/EM' folder is highlighted with a red box, and a callout bubble points to it with the text 'Cross reference for Control-M/EM data'. The 'Control-M/EM' folder contains sub-items: Job Definitions, Scheduling, Resources, In/Out Conditions, On Do, Variables, Notifications, Capture, Job Script/JCL, and Hosts. The status bar at the bottom indicates 'Connected as: P392E, file: XX42L#25'.

XINFO is an add-on to the Control-M Workload Automation GUI.

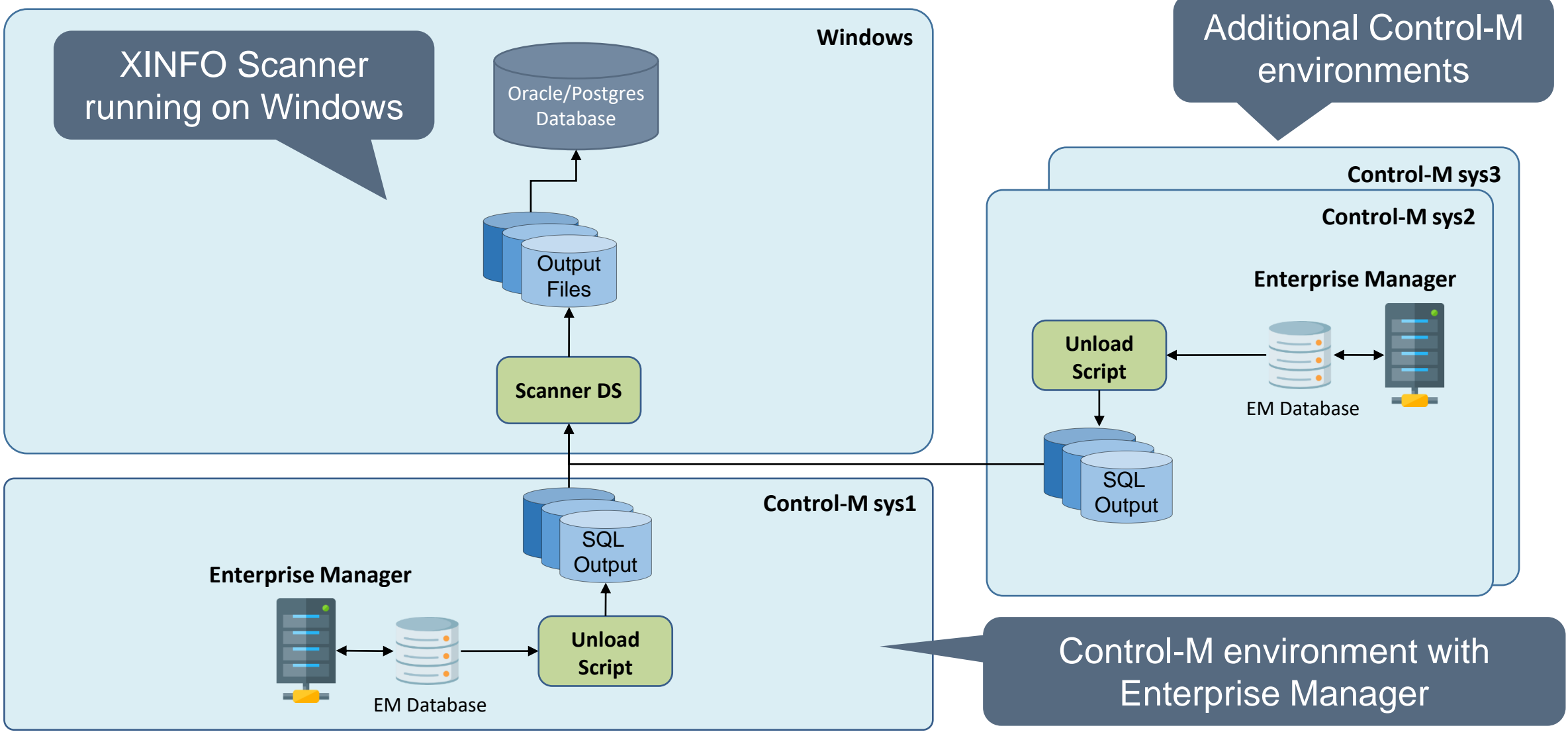
XINFO may collect data from various Control-M/EM systems.

XINFO shows all versions of jobs, which are stored in the Control-M/EM database.

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



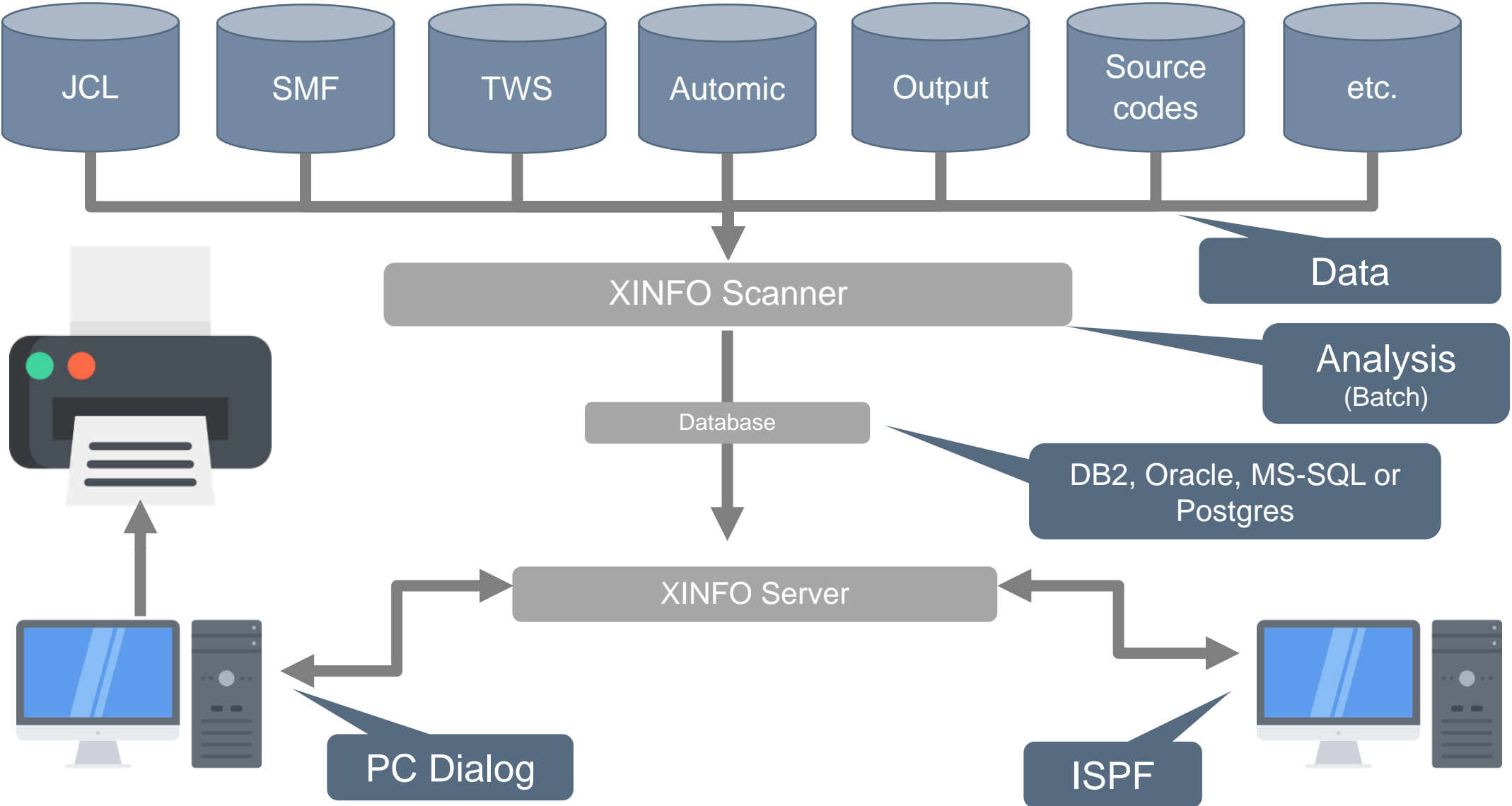
# XINFO for Control-M with Windows



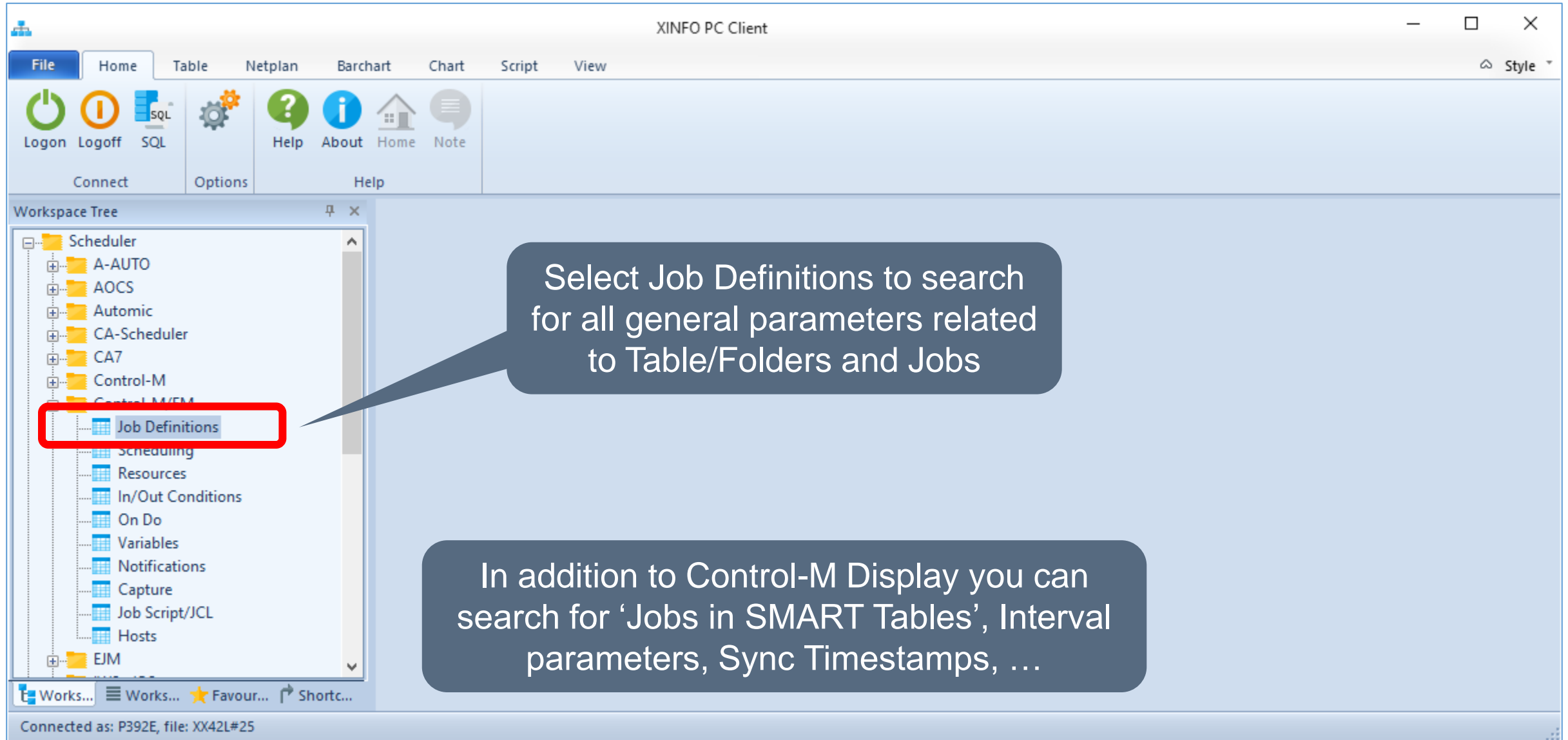
Control-M environment with Enterprise Manager



# A Technical Overview



# Control-M/EM – Job Definitions



The screenshot shows the XINFO PC Client interface. The top 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, Connect, Options, Help, About, Home, and Note. The main workspace is divided into a Workspace Tree on the left and a main content area on the right. The Workspace Tree shows a hierarchy of folders and items, with 'Job Definitions' highlighted in blue and enclosed in a red rectangle. A speech bubble points to this item with the text: 'Select Job Definitions to search for all general parameters related to Table/Folders and Jobs'. Another speech bubble at the bottom right says: 'In addition to Control-M Display you can search for 'Jobs in SMART Tables', Interval parameters, Sync Timestamps, ...'. The status bar at the bottom indicates 'Connected as: P392E, file: XX42L#25'.

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

In addition to Control-M Display you can search for 'Jobs in SMART Tables', Interval parameters, Sync Timestamps, ...

# Control-M/EM – Job Definitions

The screenshot displays the 'XINFO PC Client' window with the 'Control-M/EM - Job Definitions' dialog box open. The dialog contains the following fields:

- File Name/Memname
- Job Name (d)
- Folder/Table
- Application
- Sub Appl./Group
- Task Type
- Current Version
- Run As/Owner
- Created By (d)
- File Path/Memlib
- Description
- Control-M/EM System
- Control-M/Server
- Parent Folder (d)
- Command (d)

A callout bubble with the text "Select data from specific Control-M Server or EM System" points to the 'Control-M/EM System' and 'Control-M/Server' dropdown menus, which are highlighted with a red box. The workspace tree on the left shows a hierarchy of folders including Scheduler, Control-M, and Control-M/EM.

# Control-M/EM – Job Definitions

XINFO PC Client - Control-M/EM - Job Definitions

File Home Table Netplan Barchart Chart Script View

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

Control-M/EM - Job Definitions

File Name/Mem... Job Name Folder/Table Application Sub Application/Group Task Type C Run As/Owner Created By File Path/Memlib Description Control-M/EM System Control-M/Server

| File Name/Mem... | Job Name        | Folder/Table    | Application         | Sub Application/Group | Task Type | C | Run As/Owner | Created By | File Path/Memlib | Description | Control-M/EM System | Control-M/Server | Par |
|------------------|-----------------|-----------------|---------------------|-----------------------|-----------|---|--------------|------------|------------------|-------------|---------------------|------------------|-----|
| <all>            | <all>           | <all>           | <all>               | <all>                 | <all>     |   | <all>        | <all>      | <all>            | <all>       | <all>               | <all>            |     |
| SMRT02S01J02.bat | SMRT02S01J02    | SMRT02S01       | SMRT                | SMRT02S01             | Job       | Y | emuser       | emuser     |                  |             | PC19-V70            | pc19             | SM  |
| SMRT02S01J01.bat | SMRT02S01J01    | SMRT02S01       | SMRT                | SMRT02S01             | Job       | Y | emuser       | emuser     |                  |             | PC19-V70            | pc19             | SM  |
| SMRT02J02.bat    | SMRT02J03       | SMRT02          | SMRT                | SMRT02                | Job       | Y | controlm     | emuser     |                  |             | PC19-V70            | pc19             |     |
| SMRT02J02.bat    | SMRT02J02       | SMRT02          | SMRT                | SMRT02                | Job       | Y | controlm     | emuser     |                  |             | PC19-V70            | pc19             |     |
| SMRT02J01.bat    | SMRT02J01       | SMRT02          | SMRT                | SMRT02                | Job       | Y | controlm     | emuser     |                  |             | PC19-V70            | pc19             |     |
| SampleSLA        | SampleSLA       | Sample Servi... | SampleResourcesAppl | SampleJobs            | Dummy     | Y | controlm     | emuser     |                  |             | PC19-V70            | pc19             |     |
| SampleSLA        | SampleSLA       | Sample Servi... | SampleResourcesAppl | SampleJobs            | Dummy     | Y | controlm     | emuser     |                  |             | PC31-V90            | pc31             |     |
| SampleSLA        | SampleSLA       | Sample Servi... | SampleResourcesAppl | SampleJobs            | Dummy     | Y | controlm     | emuser     |                  |             | PC24-V80            | pc24             |     |
| ResourceCleanup  | ResourceCleanup | Sample Service  | SampleResourcesAppl | SampleJobs            | Command   | Y | controlm     | emuser     |                  |             | PC19-V70            | pc19             |     |
| ResourceCleanup  | ResourceCleanup | Sample Service  | SampleResourcesAppl | SampleJobs            | Command   | Y | controlm     | emuser     |                  |             | PC31-V90            | pc31             |     |
| ResourceCleanup  | ResourceCleanup | Sample Service  | SampleResourcesAppl | SampleJobs            | Command   | Y | controlm     | emuser     |                  |             | PC24-V80            | pc24             |     |
| ReportFail       | ReportFail      | Sample Service  | SampleResourcesAppl | SampleJobs            | Job       | Y | controlm     | emuser     |                  |             | PC19-V70            | pc19             |     |
| ReportFail       | ReportFail      | Sample Service  | SampleResourcesAppl | SampleJobs            | Job       | Y | controlm     | emuser     |                  |             | PC31-V90            | pc31             |     |
| ReportFail       | ReportFail      | Sample Service  | SampleResourcesAppl | SampleJobs            | Job       | Y | controlm     | emuser     |                  |             | PC24-V80            | pc24             |     |
| OrderBIMjob      | OrderBIMjob     | Sample Service  | SampleResourcesAppl | SampleJobs            | Command   | Y | controlm     | emuser     |                  |             | PC31-V90            | pc31             |     |
| OrderBIMjob      | OrderBIMjob     | Sample Service  | SampleResourcesAppl | SampleJobs            | Command   | Y | controlm     | emuser     |                  |             | PC24-V80            | pc24             |     |
| OrderBIMjob      | OrderBIMjob     | Sample Service  | SampleResourcesAppl | SampleJobs            | Command   | Y | controlm     | emuser     |                  |             | PC19-V70            | pc19             |     |
| netstat.bat      | netstat         | Samples         | SampleAppl          | SampleJobs            | Job       | Y | controlm     | emuser     |                  |             | PC31-V90            | pc31             |     |

Connected as: P392e, file: XX41T#14

Lines: 221

Data from different Control-M systems

# Control-M/EM – Job Definitions

The screenshot shows the 'XINFO PC Client - Control-M/EM - Job Definitions' window. The main area contains a table with columns: Job Name, C, Command, J, JobsN, Cre Date, Cre Time, Cre User, Upd Date, Upd Tim, Upd User, and Version. A red box highlights two rows for 'TestJob\_Level4' with versions 2 and 3. A blue callout bubble points to the version 2 row with the text 'Current Version of the job'. Another blue callout bubble points to the version 3 row with the text 'Easy to track changes'. A third blue callout bubble points to the entire table with the text 'All available versions of a job'. The status bar at the bottom shows 'Connected as: P392e, file: XX41T#14' and 'Lines: 221'.

| Job Name             | C | Command                         | J | JobsN | Cre Date   | Cre Time | Cre User | Upd Date   | Upd Tim  | Upd User | Version |
|----------------------|---|---------------------------------|---|-------|------------|----------|----------|------------|----------|----------|---------|
| <all>                |   | <all>                           |   | <all> | <all>      | <all>    | <all>    | <all>      | <all>    | <all>    | <all>   |
| TestJob_Level3       | Y |                                 | N |       | 19.10.2016 | 17:31:44 | emuser   | 20.10.2016 | 11:01:49 | emuser   | 3       |
| TestFolder_Level3... | N |                                 | N |       | 20.10.2016 | 11:01:49 | emuser   | 20.10.2016 | 11:09:57 | emuser   | 2       |
| TestFolder_Level2    | Y |                                 | N |       | 20.10.2016 | 11:01:49 | emuser   | 20.10.2016 | 11:13:23 | emuser   | 3       |
| TestJob_Level4       | N |                                 | N |       | 20.10.2016 | 11:01:49 | emuser   | 20.10.2016 | 11:09:57 | emuser   | 2       |
| TestJob_Level4       | Y |                                 | N |       | 20.10.2016 | 11:01:49 | emuser   | 26.10.2016 | 10:26:28 | emuser   | 3       |
| TestFolder_SMAR1     |   |                                 | N | 1     | 07.09.2016 | 11:59:51 | emuser   |            |          |          | 1       |
| Dummy_Job#2          |   |                                 | N |       | 07.09.2016 | 12:00:27 | emuser   |            |          |          | 1       |
| TestFolder_S...      |   |                                 | N | 1     | 26.10.2016 | 10:33:56 | emuser   |            |          |          | 1       |
|                      |   |                                 | N |       | 26.10.2016 | 10:33:56 | emuser   | 26.10.2016 | 10:35:57 | emuser   | 2       |
|                      |   |                                 | N |       | 26.10.2016 | 10:34:14 | emuser   |            |          |          | 1       |
| ManualJob            | Y | reboot                          | N |       | 26.10.2016 |          |          |            |          |          | 2       |
| ctmagcln             | Y | ctmagcln -agent "" -days 1      | N |       | 11.01.2017 |          |          |            |          |          | 1       |
| ctmruninf            | Y | ctmruninf -PURGE                | N |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |
| ctmcontb             | Y | ctmcontb -deletefrom "" "%fr... | N |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |
| ctmdbcheck           | Y | ctmdbcheck 75                   | N |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |
| manconds             | Y | ctmldhrs -CALCCOND -ADDM...     | N |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |
| addconds             | Y | ctmldhrs -LOAD ""               | N |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |
| ctmjsa               | Y | ctmjsa ""                       | N |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |
| ctmlog               | Y | ctmlog LIST %%FROMDATE ...      | N |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |
| ctmdiskspace         | Y | ctmdiskspace -LIMIT 50M -P...   | N |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |
| netstat              | Y | dir                             | Y |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |
| ListAutoEditVariable | Y | ctmvar -action list             | N |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |
| www_bmc_com          | Y |                                 | N |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |
| CyclicTime           | Y | Time /T                         | N |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |
| ListControlResources | Y | ecartth                         | N |       | 11.01.2017 | 17:42:30 | emuser   |            |          |          | 1       |

# Control-M/EM – Job Definitions

XINFO PC Client - Control-M/EM - Job Definitions

File Home Table Netplan Barchart Chart Script View

Control-M/EM - Job Definitions

| File Name/Memname | Job Name | Folder/Table | Application    | Sub Application/Group | Task Type             | C | Run As/Owner | Description                                       | Created By |
|-------------------|----------|--------------|----------------|-----------------------|-----------------------|---|--------------|---|------------|
| <all>             | <all>    | <all>        | <all>          | <all>                 | <all>                 |   | <all>        | <all>   | <all>      |
| HJOBSTC2          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Task        | N | P390L        | ALL TASKTYPES EMERGENCY STC                       |            |
| HJOBSTC2          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Task        | Y | P390L        | ALL TASKTYPES EMERGENCY STC                       |            |
| HJOBSTC2          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Task        | N | P390L        | ALL TASKTYPES EMERGENCY STC                       |            |
| HJOBSTC2          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Task        | Y | P390L        | ALL TASKTYPES EMERGENCY STC                       |            |
| HJOBSTC3          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Cyclic Task | N | P390L        | ALL TASKTYPES EMERGENCY CYC STC                   |            |
| HJOBSTC3          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Cyclic Task | Y | P390L        | ALL TASKTYPES EMERGENCY CYC STC                   |            |
| HJOBSTC3          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Cyclic Task | N | P390L        | ALL TASKTYPES EMERGENCY CYC STC                   |            |
| HJOBSTC3          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Cyclic Task | Y | P390L        | ALL TASKTYPES EMERGENCY CYC STC                   |            |
| HJOB0090          |          | APPLTYPE     | TESTTYPES      |                       | Job                   | N | P390L        | ALL TASKTYPES JOB                                 |            |
| HJOB0090          |          | APPLTYPE     | TESTTYPES      |                       | Job                   | Y | P390L        | ALL TASKTYPES JOB                                 |            |
| HJOB0090          |          | APPLTYPE     | TESTTYPES      |                       | Job                   | N | P390L        | ALL TASKTYPES JOB                                 |            |
| HJOB0090          |          | APPLTYPE     | TESTTYPES      |                       | Job                   | Y | P390L        | ALL TASKTYPES JOB                                 |            |
| HJOB0091          |          | APPLTYPE     | TESTTYPES      |                       | Cyclic Job            | N | P390L        | TEST TASKTYPES CYCLIC JOB + DO STOPCYCL + DO MAIL |            |
| HJOB0091          |          | APPLTYPE     | TESTTYPES      |                       | Cyclic Job            | Y | P390L        | TEST TASKTYPES CYCLIC JOB + DO STOPCYCL + DO MAIL |            |
| HJOB0091          |          | APPLTYPE     | TESTTYPES      |                       | Cyclic Job            | Y | P390L        | TEST TASKTYPES CYCLIC JOB + DO STOPCYCL + DO MAIL |            |
| HJOB0092          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Job         | N | P390L        | ALL TASKTYPES EMERGENCY JOB                       |            |
| HJOB0092          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Job         | Y | P390L        | ALL TASKTYPES EMERGENCY JOB                       |            |
| HJOB0092          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Job         | N | P390L        | ALL TASKTYPES EMERGENCY JOB                       |            |
| HJOB0092          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Job         | Y | P390L        | ALL TASKTYPES EMERGENCY JOB                       |            |
| HJOB0093          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Cyclic Job  | N | P390L        | ALL TASKTYPES EMERGENCY CYC JOB                   |            |
| HJOB0093          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Cyclic Job  | Y | P390L        | ALL TASKTYPES EMERGENCY CYC JOB                   |            |
| HJOB0093          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Cyclic Job  | N | P390L        | ALL TASKTYPES EMERGENCY CYC JOB                   |            |
| HJOB0093          |          | APPLTYPE     | TESTTYPES      |                       | Emergency Cyclic Job  | Y | P390L        | ALL TASKTYPES EMERGENCY CYC JOB                   |            |
| HJOB0001          |          | APPLTYPE     | APPLICATION001 | SURAPPLI 001          | Job                   | N | CTMISR       | SIMPLE JOB WITH OVERRI                            |            |

z/OS Task Types

Connected as: P392E, file: XX42L#25

Lines: 255

# Control-M/EM – Job Definitions

XINFO PC Client - Control-M/EM - Job Definitions

File Home Table Netplan Barchart Chart Script View Style

Control-M/EM - Job Definitions

| File Name/Memname | Job Name     | Folder/Table       | Application | Sub Application/Group | Task Type   | C | Run As/Owner | Description                                       |
|-------------------|--------------|--------------------|-------------|-----------------------|-------------|---|--------------|---|
| <all>             | <all>        | <all>              | <all>       | <all>                 | <all>       |   | <all>        | <all>   |
|                   | FTP_PROD_DEV | FTPJobs            |             |                       | Job         | Y | PC138+PC139  | This jobs transfers a test job with the AFT Modul |
|                   | PROD_JOB#01  | PROD_ChangeManager |             |                       | Command     | Y | emuser       |   |
|                   | PROD_JOB#01  | PROD_ChangeManager |             |                       | Command     | Y | emuser       |   |
|                   | PSAPTestJpb  | PSAPTestJob        |             |                       | Job         | Y | MYSAP        |   |
|                   | PSAP Job#1   | PSAPTest           | Pest        | Pest                  | Job         | Y | TEST         | test  |
|                   | PXYD1000     | PXYF1000           | XY          |                       | Dummy       | Y | DUMMYUSR     | Start   |
|                   | PZ#S4101     | PZ#F4100           |             |                       | Job         | Y | MYSAP        | SAP Job   |
|                   | PZ#S3000     | PZ#S3000           |             |                       | SMART Table | Y |              | Test3   |
|                   | PZ#SJ301     | PZ#S3000           |             |                       | Command     | Y | emuser       |   |
|                   | PZ#SJ302     |                    |             |                       | Command     | Y | emuser       |   |
|                   | PZ#SJ303     |                    |             |                       | Command     | Y | emuser       |   |
|                   | PZ#S3100     | PZ#S3100           |             |                       | Sub-Table   | Y |              | Sub Test  |
|                   | PZ#SJ311     | PZ#S3100           |             |                       | Command     | Y | ctmuser      |   |
|                   | PZ#S2000     | PZ#S2000           |             |                       | SMART Table | Y |              | Test2   |
|                   | PZ#SJ201     | PZ#S2000           |             |                       | Command     | Y | emuser       |   |
|                   | PZ#SJ202     | PZ#S2000           |             |                       | Command     | Y | emuser       |   |
|                   | PZ#S1000     | PZ#S1000           | Z#          |                       | SMART Table | Y |              | Test1   |
|                   | PZ#SJ101     | PZ#S1000           | Z#          |                       | Command     | Y | emuser       |   |
|                   | PZ#SJ102     | PZ#S1000           | ZZ          |                       | Command     | Y | emuser       |   |
|                   | PXYS1000     | PXYS1000           |             |                       | SMART Table | Y | emuser       | Smart 1 jobs                                      |
| mytest 1.sh       | PXYJ1001     | PXYS1000           | XY          |                       | Job         | Y | ctmuser      |   |
| mytest 2.sh       | PXYJ1002     | PXYS1000           | XX          |                       | Job         | Y | ctmuser      | Job2 on other agent                               |
| mytest 3.sh       | PXYJ1003     | PXYS1000           | XY          |                       | Command     | Y | emuser       | Job3 on other agent                               |
|                   | PXYR301      | PXYS1000           | YY          |                       | Job         | Y | MYSAP        | SAP R3 Job 1                                      |

DS Task Types

Connected as: P392E, file: XX42L#25

Lines: 1000



# Control-M/EM – Scheduling

The screenshot displays the XINFO PC Client interface. The top menu bar includes File, Home, Table, Netplan, Barchart, Chart, Script, and View. The ribbon below the menu bar is divided into several sections: Edit (Copy, Select All, Toggle Selection), Table Layout (Customize, Use Default, Use Custom), Table Functions (Group, Statistics, All, Subtable, Graph), Tools (Show SQL, Show criteria, Inverse Filter), and Chart (New, Library, Explorer). On the left side, the 'Workspace Tree' pane is visible, listing various components. The 'Scheduling' item is highlighted with a red rectangular box. A dark blue callout bubble with white text points to this box, containing the text: 'Select Scheduling to search for all Scheduling parameters like User Dailies, Rule-based Calendar, Specific Dates, ...'. The status bar at the bottom indicates 'Connected as: P392E, file: XX42L#25'.

Select Scheduling to search for all Scheduling parameters like User Dailies, Rule-based Calendar, Specific Dates, ...



# Control-M/EM – Scheduling

Control-M/EM - Scheduling

File Name/Memname =

Job Name (d) =

User Daily Name (d) =

Folder/Table =

Application =

Sub Appl./Group =

Tasktype =

Current Version =  Y

Control-M/EM System =  \*PROD\*

Control-M/Server =

Schedule Tag/RBC =  \*RBC\*

CTM Level RBC =

Tag-RBC Rel. (A/O) =

Calendar =

Month Days =

Week Calendar =

Week Days =

Days-Wdays (A/O) =

Months =

Specific Dates =

Confirm. Calendar =

Exception Policy =

Shift =

Keep Active =

Retroactive =

Activity Start Date =  DD.MM.YYYY

Activity End Date =  DD.MM.YYYY

OK Actions Cancel

Which jobs in the CTM PROD system are currently using calendars which names contain "RBC"?

# Control-M – Scheduling, Calendar

The screenshot displays the XINFO PC Client interface for Control-M/EM Scheduling. The main window shows a table with the following columns: Job Name, C, Control-M/EM System, Schedule Tag/R..., CTM Level, Rel, Month Calendar, Month Days, AO, Week Calendar, Week Days, Months, Specific Dates, and Confirmation. The 'Schedule Tag/R...' column is highlighted with a red box. Below the table, two callouts are present: one pointing to the highlighted column with the text 'Calendar', and another pointing to the right side of the table with the text 'More scheduling parameters'.

| Job Name                       | C | Control-M/EM System | Schedule Tag/R... | CTM Level | Rel | Month Calendar | Month Days | AO | Week Calendar | Week Days | Months     | Specific Dates | Confirmation |
|--------------------------------|---|---------------------|-------------------|-----------|-----|----------------|------------|----|---------------|-----------|------------|----------------|--------------|
| <all>                          |   | <all>               | <all>             | <all>     |     | <all>          | <all>      |    | <all>         | <all>     | <all>      | <all>          | <all>        |
| TestFolder_Level1_(SMART)      | Y | PC31-V90            | FolderRBC#Fridays | N         | 0   |                |            | 0  |               | 5         | YYYYYYYYYY |                |              |
| TestFolder_Level2A_(SubFolder) | Y | PC31-V90            | FolderRBC#Fridays | N         | 0   |                |            | 0  |               | 5         | YYYYYYYYYY |                |              |
| TestJob_Level3                 | Y | PC31-V90            | FolderRBC#Fridays | N         | 0   |                |            | 0  |               | 5         | YYYYYYYYYY |                |              |
| Dummy_Job#1                    | Y | PC31-V90            | TestRBC           | Y         | 0   |                | 1          | A  |               | 1         | YYYYYYYYYY |                |              |
| TestFolder_Level1_(SMART)      | Y | PC31-V90            | TestRBC           | Y         | 0   |                | 1          | A  |               | 1         | YYYYYYYYYY |                |              |
| TestFolder_Level2A_(SubFolder) | Y | PC31-V90            | TestRBC           | Y         | 0   |                |            | 0  |               |           | NNNNNNNNNN |                |              |
| TestFolder_Level2B_(SubFolder) | Y | PC31-V90            | TestRBC           | Y         | 0   |                |            | 0  |               |           | NNNNNNNNNN |                |              |
| TestJob_Level4                 | Y | PC31-V90            | TestRBC           | Y         | 0   |                |            | 0  |               |           | NNNNNNNNNN |                |              |

Calendar

More scheduling parameters

# Control-M/EM – 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 ribbon contains several groups: "Edit" (Copy, Select All, Toggle Selection), "Table Layout" (Customize, Use Default, Use Custom), "Table Functions" (Group, Statistics, All), "Tools" (Show SQL, Show criteria, Inverse Filter), and "Chart" (New, Library, Explorer). On the left, the "Workspace Tree" pane shows a hierarchical view of the system. Under the "Control-M/EM" folder, the "Resources" folder is highlighted with a red rectangle. A dark blue callout box with white text points to this "Resources" folder, containing the text: "Select Resources to search for Quantitative and Control Resources, Quantity, which jobs are using them, ...". The status bar at the bottom indicates "Connected as: P392E, file: XX42L#25".

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

# Control-M/EM – Resources

The screenshot shows the XINFO PC Client interface. On the left, the 'Workspace Tree' displays a hierarchy of folders including 'Scheduler', 'Control-M', and 'Control-M/EM'. Under 'Control-M/EM', the 'Resources' folder is selected. The main window displays the 'Control-M/EM - Resources' dialog box. This dialog has several fields for filtering resources, each with a dropdown menu and an input field. The 'Resource Name' field is highlighted with a red border and contains the text 'RES\_CTL\_\*'. A dark blue callout bubble with white text points to this field, stating 'Searching for all jobs using RES\_CTL\_\*'. Other fields include 'File Name/Memname', 'Job Name (d)', 'Folder/Table', 'Application', 'Sub Appl./Group', 'Tasktype', 'Current Version', 'Control-M/EM System', 'Control-M/Server', 'Resource Type (Q/C)', 'CTL Type (Shr/Excl)', and 'Required Quantity'. At the bottom of the dialog are 'OK', 'Actions', and 'Cancel' buttons. The status bar at the bottom of the client window shows 'Connected as: P392E, file: XX42L#25'.

# Control-M/EM – Resources

The screenshot shows the XINFO PC Client interface for Control-M/EM Resources. The window title is "XINFO PC Client - Control-M/EM - Resources". The menu bar includes File, Home, Table, Netplan, Barchart, Chart, Script, and View. The ribbon contains various tools like Copy, Select All, Toggle Selection, Customize, Use Default, Use Custom, Group, Statistics, Show SQL, Show criteria, Inverse Filter, New, Library Explorer, and Chart. The main area displays a table with the following columns: File Name/Memname, Job Name, Folder/Table, Application, Sub Appl./Group, Tasktype, C, Control-M/EM System, Control-M/Server, Resource Name, Typ, Ctl, Quant, Job Id, Table Id, and Version. The table contains six rows of data. Three red boxes highlight the Job Name, Resource Name, and Ctl columns. Three callout boxes point to these columns: "Jobs" points to the Job Name column, "Resource" points to the Resource Name column, and "CTL Type (Shared/Exclusive)" points to the Ctl column.

| File Name/Memname | Job Name    | Folder/Table | Application | Sub Appl./Group | Tasktype | C | Control-M/EM System | Control-M/Server | Resource Name | Typ | Ctl | Quant | Job Id | Table Id | Version |
|-------------------|-------------|--------------|-------------|-----------------|----------|---|---------------------|------------------|---------------|-----|-----|-------|--------|----------|---------|
| c:\temp\sleep.bat | Dummy_Job#2 | Testfolder   | Testappl    | Testsubappl     | Dummy    | N | EM-PROD             | CTM_PW1          | RES_CTL_EXCL  | C   | E   |       | 1      | 6059     | 2       |
| c:\temp\sleep.bat | Dummy_Job#2 | Testfolder   | Testappl    | Testsubappl     | Dummy    | N | EM-PROD             | CTM_PW1          | RES_CTL_SHR   | C   | S   |       | 1      | 6059     | 2       |
| c:\temp\sleep.bat | Dummy_Job#2 | Testfolder   | Testappl    | Testsubappl     | Dummy    | Y | EM-PROD             | CTM_PW1          | RES_CTL_EXCL  | C   | E   |       | 1      | 6059     | 3       |
| c:\temp\sleep.bat | Dummy_Job#2 | Testfolder   | Testappl    | Testsubappl     | Dummy    | Y | EM-PROD             | CTM_PW1          | RES_CTL_SHR   | C   | S   |       | 1      | 6059     | 3       |
| c:\temp\sleep.bat | Dummy_Job#3 | Testfolder   | Testappl    | Testsubappl     | Job      | Y | EM-PROD             | CTM_PW1          | RES_CTL_EXCL  | C   | E   |       | 8      | 6059     | 1       |
| c:\temp\sleep.bat | Dummy_Job#3 | Testfolder   | Testappl    | Testsubappl     | Job      | Y | EM-PROD             | CTM_PW1          | RES_CTL_SHR   | C   | S   |       | 8      | 6059     | 1       |

Jobs

Resource

CTL Type (Shared/Exclusive)

Connected as: P392E, file: XX42L#25

Lines: 6

# Control-M/EM – In/Out Conditions

The screenshot displays the XINFO PC Client interface. The top menu bar includes File, Home, Table, Netplan, Barchart, Chart, Script, and View. The ribbon below the menu bar is divided into several sections: Edit (Copy, Select All, Toggle Selection), Table Layout (Customize, Use Default, Use Custom), Table Functions (Group, Statistics, All, Subtable, Graph), Tools (Show SQL, Show criteria, Inverse Filter), and Chart (New, Library, Explorer). On the left side, the 'Workspace Tree' pane shows a hierarchical view of the system. Under the 'Control-M/EM' folder, the 'In/Out Conditions' item is highlighted with a red rectangular box. A dark blue callout bubble with white text points to this box, containing the instruction: 'Select IN-/OUT Conditions to search for all jobs using a specific condition, specific ODAT, ...'. The status bar at the bottom indicates the user is connected as 'P392E, file: XX42L#25'.

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

# Control-M/EM – In/Out Conditions

The screenshot shows the XINFO PC Client interface. On the left is a 'Workspace Tree' with a tree view containing folders like 'Scheduler', 'Control-M', and 'Control-M/EM', and sub-items like 'In/Out Conditions'. The main window has a menu bar with 'File', 'Home', 'Table', 'Netplan', 'Barchart', 'Chart', 'Script', and 'View'. A dialog box titled 'Control-M/EM - In/Out Conditions' is open, featuring a list of fields with dropdown menus and text input boxes. The 'Condition Name' field is highlighted with a red border and contains the text 'EXTERNALTRIGGER-ENDED'. A dark blue callout bubble with a white border points to this field, containing the text 'Searching Conditions'. At the bottom of the dialog are 'OK', 'Actions', and 'Cancel' buttons. The status bar at the bottom of the client window shows 'Connected as: P392E, file: XX42L#25'.

| Field               | Operator | Value                 |
|---------------------|----------|-----------------------|
| File Name/Memname   | =        |                       |
| Job Name (d)        | =        |                       |
| Folder/Table        | =        |                       |
| Application         | =        |                       |
| Sub Appl./Group     | =        |                       |
| Tasktype            | =        |                       |
| Current Version     | =        |                       |
| Control-M/EM System | =        |                       |
| Control-M/Server    | =        |                       |
| Condition Name      | =        | EXTERNALTRIGGER-ENDED |
| Order Date          | =        |                       |
| Option (A/O/+/-)    | =        |                       |
| Parentheses (d)     | =        |                       |

# Control-M/EM – In/Out Conditions

XINFO PC Client - Control-M/EM - In/Out Conditions

File Home Table Netplan Barchart Chart Script View Style

Control-M/EM - In/Out Conditions

| File Name/Memname | Job Name         | Folder/Table   | Application         | Sub Appl./Group | Tasktype | C | Control-M/EM System | Control-M/Server | InNr | Condition Name        | ODate | Op | Pa | Job Id |
|-------------------|------------------|----------------|---------------------|-----------------|----------|---|---------------------|------------------|------|-----------------------|-------|----|----|--------|
| Database Update1  | Database Update1 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC24-V80            | pc24             |      | ExternalTrigger-ENDED | ODAT  | A  |    | 3      |
| Database Update1  | Database Update1 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC31-V90            | pc31             |      | ExternalTrigger-ENDED | ODAT  | A  |    | 3      |
| Database Update1  | Database Update1 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC137-V9019         | CTM_TU1          |      | ExternalTrigger-ENDED | ODAT  | A  |    | 3      |
| Database Update2  | Database Update2 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC24-V80            | pc24             |      | ExternalTrigger-ENDED | ODAT  | A  |    | 9      |
| Database Update2  | Database Update2 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC31-V90            | pc31             |      | ExternalTrigger-ENDED | ODAT  | A  |    | 9      |
| Database Update2  | Database Update2 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC137-V9019         | CTM_TU1          |      | ExternalTrigger-ENDED | ODAT  | A  |    | 9      |
| Database Update3  | Database Update3 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC24-V80            | pc24             |      | ExternalTrigger-ENDED | ODAT  | A  |    | 10     |
| Database Update3  | Database Update3 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC31-V90            | pc31             |      | ExternalTrigger-ENDED | ODAT  | A  |    | 10     |
| Database Update3  | Database Update3 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC137-V9019         | CTM_TU1          |      | ExternalTrigger-ENDED | ODAT  | A  |    | 10     |
| Database Update4  | Database Update4 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC24-V80            | pc24             |      | ExternalTrigger-ENDED | ODAT  | A  |    | 11     |
| Database Update4  | Database Update4 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC31-V90            | pc31             |      | ExternalTrigger-ENDED | ODAT  | A  |    | 11     |
| Database Update4  | Database Update4 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC137-V9019         | CTM_TU1          |      | ExternalTrigger-ENDED | ODAT  | A  |    | 11     |
| Database Update5  | Database Update5 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC24-V80            | pc24             |      | ExternalTrigger-ENDED | ODAT  | A  |    | 12     |
| Database Update5  | Database Update5 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC31-V90            | pc31             |      | ExternalTrigger-ENDED | ODAT  | A  |    | 12     |
| Database Update5  | Database Update5 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC137-V9019         | CTM_TU1          |      | ExternalTrigger-ENDED | ODAT  | A  |    | 12     |
| Database Update6  | Database Update6 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC24-V80            | pc24             |      | ExternalTrigger-ENDED | ODAT  | A  |    | 13     |
| Database Update6  | Database Update6 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC31-V90            | pc31             |      | ExternalTrigger-ENDED | ODAT  | A  |    | 13     |
| Database Update6  | Database Update6 | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC137-V9019         | CTM_TU1          |      | ExternalTrigger-ENDED | ODAT  | A  |    | 13     |
| External Trigger  | External Trigger | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC24-V80            | pc24             |      | ExternalTrigger-ENDED | ODAT  | +  |    | 1      |
| External Trigger  | External Trigger | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC31-V90            | pc31             |      | ExternalTrigger-ENDED | ODAT  | +  |    | 1      |
| External Trigger  | External Trigger | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC137-V9019         | CTM_TU1          |      | ExternalTrigger-ENDED | ODAT  | +  |    | 1      |
| ResourceCleanup   | ResourceCleanup  | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC24-V80            | pc24             |      | ExternalTrigger-ENDED | ODAT  | -  |    | 2      |
| ResourceCleanup   | ResourceCleanup  | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC31-V90            | pc31             |      | ExternalTrigger-ENDED | ODAT  | -  |    | 2      |
| ResourceCleanup   | ResourceCleanup  | Sample Service | SampleResourcesAppl | SampleJobs      | Command  | Y | PC137-V9019         | CTM_TU1          |      | ExternalTrigger-ENDED | ODAT  | -  |    | 2      |

Who use or set Conditions

Connected as: P392E, file: XX42L#14

Lines: 24



# Control-M/EM – In/Out Conditions

XINFO PC Client - Control-M/EM - In/Out Conditions

File Home Table Netplan Barchart Chart Script View Style

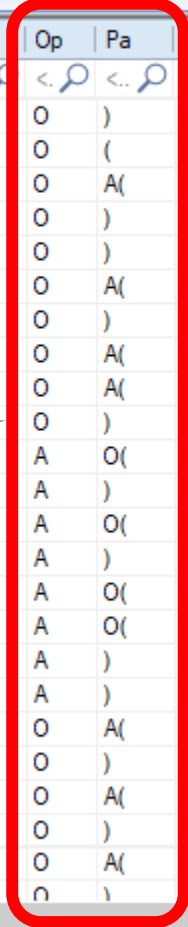
Control-M/EM - In/Out Conditions

| File Name/Memname | Application          | Sub Appl./Group | Tasktype | C | Control-M/EM System | Control-M/Server | InNr | Condition Name       | ODate | Op | Pa | Job Id | Table Id | Version |
|-------------------|----------------------|-----------------|----------|---|---------------------|------------------|------|----------------------|-------|----|----|--------|----------|---------|
| ss                |                      |                 | Command  | Y | EM-PROD             | CTM_PW1          | 3    | Job1-TO-Job1-command | NEXT  | O  | )  | 5      | 6059     | 7       |
| ss                |                      |                 | Command  | Y | EM-PROD             | CTM_PW1          | 2    | Job1-TO-Job1-command | PREV  | O  | (  | 5      | 6059     | 7       |
| HJOB0050          | APPLICATION005       | SUBAPPL005      | Job      | N | EM-PROD             | CTM_PZ1          | 1    | JOB10-OK             | ODAT  | O  | A( | 8      | 10389    | 5       |
| HJOB0050          | APPLICATION005       | SUBAPPL005      | Job      | N | EM-PROD             | CTM_PZ1          | 2    | JOB11-OK             | ODAT  | O  | )  | 8      | 10389    | 5       |
| HJOB0050          | APPLICATION005       | SUBAPPL005      | Job      | Y | EM-PROD             | CTM_PZ1          | 2    | JOB11-OK             | ODAT  | O  | )  | 8      | 10389    | 6       |
| HJOB0050          | APPLICATION005       | SUBAPPL005      | Job      | Y | EM-PROD             | CTM_PZ1          | 1    | JOB10-OK             | ODAT  | O  | A( | 8      | 10389    | 6       |
| HJOB0056          | APPLICATION005       | SUBAPPL005      | Job      | N | EM-PROD             | CTM_PZ1          | 3    | JOB53-OK             | ODAT  | O  | )  | 13     | 10389    | 5       |
| HJOB0056          | APPLICATION005       | SUBAPPL005      | Job      | N | EM-PROD             | CTM_PZ1          | 1    | JOB51-OK             | ODAT  | O  | A( | 13     | 10389    | 5       |
| HJOB0056          | APPLICATION005       | SUBAPPL005      | Job      | Y | EM-PROD             | CTM_PZ1          | 1    | JOB51-OK             | ODAT  | O  | A( | 13     | 10389    | 6       |
| HJOB0056          | APPLICATION005       | SUBAPPL005      | Job      |   | EM-PROD             | CTM_PZ1          |      |                      | ODAT  | O  | )  | 13     | 10389    | 6       |
| HJOB0057          | APPLICATION005       | SUBAPPL005      | Job      |   | EM-PROD             | CTM_PZ1          |      |                      | ODAT  | A  | O( | 14     | 10389    | 5       |
| HJOB0057          | APPLICATION005       | SUBAPPL005      | Job      |   | EM-PROD             | CTM_PZ1          |      |                      | ODAT  | A  | )  | 14     | 10389    | 5       |
| HJOB0057          | APPLICATION005       | SUBAPPL005      | Job      |   | EM-PROD             | CTM_PZ1          |      |                      | ODAT  | A  | O( | 14     | 10389    | 5       |
| HJOB0057          | APPLICATION005       | SUBAPPL005      | Job      | N | EM-PROD             | CTM_PZ1          | 2    | JOB51-OK             | ODAT  | A  | )  | 14     | 10389    | 5       |
| HJOB0057          | APPLICATION005       | SUBAPPL005      | Job      | Y | EM-PROD             | CTM_PZ1          | 3    | JOB52-OK             | ODAT  | A  | O( | 14     | 10389    | 6       |
| HJOB0057          | APPLICATION005       | SUBAPPL005      | Job      | Y | EM-PROD             | CTM_PZ1          | 1    | JOB50-OK             | ODAT  | A  | O( | 14     | 10389    | 6       |
| HJOB0057          | APPLICATION005       | SUBAPPL005      | Job      | Y | EM-PROD             | CTM_PZ1          | 2    | JOB51-OK             | ODAT  | A  | )  | 14     | 10389    | 6       |
| HJOB0057          | APPLICATION005       | SUBAPPL005      | Job      | Y | EM-PROD             | CTM_PZ1          | 4    | JOB53-OK             | ODAT  | A  | )  | 14     | 10389    | 6       |
| HJOB0050          | TESTAPPLIKATION-0005 | GROUP-NAME      | Job      | N | EM-TEST             | CTM_TZ1          | 1    | JOB10-OK             | ODAT  | O  | A( | 8      | 149      | 1       |
| HJOB0050          | TESTAPPLIKATION-0005 | GROUP-NAME      | Job      | N | EM-TEST             | CTM_TZ1          | 2    | JOB11-OK             | ODAT  | O  | )  | 8      | 149      | 1       |
| HJOB0050          | TESTAPPLIKATION-0005 | GROUP-NAME      | Job      | Y | EM-TEST             | CTM_TZ1          | 1    | JOB10-OK             | ODAT  | O  | A( | 8      | 149      | 2       |
| HJOB0050          | TESTAPPLIKATION-0005 | GROUP-NAME      | Job      | Y | EM-TEST             | CTM_TZ1          | 2    | JOB11-OK             | ODAT  | O  | )  | 8      | 149      | 2       |
| HJOB0056          | APPLICATION005       | SUBAPPL005      | Job      | N | EM-TEST             | CTM_TZ1          | 1    | JOB51-OK             | ODAT  | O  | A( | 13     | 149      | 1       |
| HJOB0056          | APPLICATION005       | SUBAPPL005      | Job      | N | EM-TEST             | CTM_TZ1          | 3    | JOB53-OK             | ODAT  | O  | )  | 13     | 149      | 1       |

Connected as: P392E, file: XX42L#25

Lines: 254

In Condition 'Set Manually':  
In prerequisite conditions



# Control-M/EM – On Do (post proc)

The screenshot displays the XINFO PC Client interface. The 'Workspace Tree' on the left side shows a hierarchical structure of folders and items. The 'Control-M/EM' folder is expanded, and the 'On Do' item is highlighted with a red rectangular box. A dark blue callout bubble points to this 'On Do' item, containing the following text:

Select 'On Do' to search for all defined PGM Steps / PROC Steps, defined Codes, On-Do Actions, Condition parameter, ...

The interface includes a menu bar with 'File', 'Home', 'Table', 'Netplan', 'Barchart', 'Chart', 'Script', and 'View'. Below the menu bar are several toolbars with icons for various functions like 'Copy', 'Select All', 'Toggle Selection', 'Customize', 'Table Layout', 'Group', 'Statistics', 'Table Functions', 'Tools', 'Show SQL', 'Show criteria', 'Inverse Filter', 'New', 'Library', and 'Explorer'. The status bar at the bottom indicates 'Connected as: P392E, file: XX42L#25'.

# Control-M/EM – On Do (post proc)

Control-M/EM - On Do

|                     |   |       |  |
|---------------------|---|-------|--|
| File Name/Memname   | = |       |  |
| Job Name (d)        | = |       |  |
| Folder/Table        | = |       |  |
| Application         | = |       |  |
| Sub Appl./Group     | = |       |  |
| Tasktype            | = |       |  |
| Current Version     | = | Y     |  |
| Control-M/EM System | = |       |  |
| Control-M/Server    | = |       |  |
| Step Range (z)      | = |       |  |
| From PGM (z)        | = |       |  |
| From PROC (z)       | = |       |  |
| To PGM (z)          | = |       |  |
| To PROC (z)         | = |       |  |
| Statement (d)       | = |       |  |
| PGM Step (z)        | = |       |  |
| PROC Step (z)       | = |       |  |
| Code/Codes          | = | NOTOK |  |
| On Rel. (A/O) (z)   | = |       |  |
| Action (DO ...)     | = | MAIL  |  |
| Cond Name           | = |       |  |

Which current jobs generate an mail if ended "NOTOK"?

# Control-M/EM – On Do (post proc)

| File Name/Memname  | Sub Appl./Group   | Tasktype | C | Control-M/EM System | Control-M/Server | Code/Codes | Action | Mail Recipient   | Mail CC Recipient | Mail Subject                             | StepRn |
|--------------------|-------------------|----------|---|---------------------|------------------|------------|--------|------------------|-------------------|--|--------|
| xxrcctm_jpr.bat    | HORPRODUTIL       | Job      | Y | EM-PROD             | CTM_PW1          | NOTOK      | MAIL   | @horizont-it.com |                   | Abbruch XINFO Forecast Job in CTM (PROD) |        |
| CTM_DB_Hot_Back... | Housekeeping_C... | Job      | Y | EM-PROD             | CTM_PW1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM Housekeeping Ended not OK (PROD)     |        |
| CTM_DB_BACKUP_...  | Housekeeping_C... | Job      | Y | EM-PROD             | CTM_PW1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM_DB_backup_delete failed (PROD)       |        |
| CTM_DB_LOGS_DE...  | Housekeeping_C... | Job      | Y | EM-PROD             | CTM_PW1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM_DB_LOGS_DELETE failed (PROD)         |        |
| CTM_DB_ARCHLOG...  | Housekeeping_C... | Job      | Y | EM-PROD             | CTM_PW1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM_DB_ARCHLOGS_DELETE failed (PROD)     |        |
| xxrcctm_jpr.sh     | HORXINFOUTIL      | Job      | Y | EM-TEST             | CTM_TU1          | NOTOK      | MAIL   | @horizont-it.com |                   | Abbruch XINFO Forecast Job (DEMO)        |        |
| ctmlogs_delete.sh  | Housekeeping_C... | Job      | Y | EM-TEST             | CTM_TU1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM_DB_LOGS_DELETE failed (DEMO)         |        |
| CTM_DB_Hot_Back... | Housekeeping_C... | Job      | Y | EM-TEST             | CTM_TU1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM Housekeeping Ended not OK (DEMO)     |        |
| CTM_DB_BACKUP_...  | Housekeeping_C... | Job      | Y | EM-TEST             | CTM_TU1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM_DB_backup_delete failed (DEMO)       |        |
| CTM_DB_LOGS_DE...  | Housekeeping_C... | Job      | Y | EM-TEST             | CTM_TU1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM_DB_LOGS_DELETE failed (DEMO)         |        |
| CTM_DB_ARCHLOG...  | Housekeeping_C... | Job      | Y | EM-TEST             | CTM_TU1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM_DB_ARCHLOGS_DELETE failed (DEMO)     |        |
| xxrcctm_jpr.sh     | HORXINFOUTIL      | Job      | Y | EM-TEST             | CTM_DU1          | NOTOK      | MAIL   | @horizont-it.com |                   | Abbruch XINFO Forecast Job (DEMO)        |        |
| CTM_DB_Hot_Back... | Housekeeping_C... | Job      | Y | EM-TEST             | CTM_DU1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM Housekeeping Ended not OK (DEMO)     |        |
| CTM_DB_BACKUP_...  | Housekeeping_C... | Job      | Y | EM-TEST             | CTM_DU1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM_DB_backup_delete failed (DEMO)       |        |
| CTM_DB_LOGS_DE...  | Housekeeping_C... | Job      | Y | EM-TEST             | CTM_DU1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM_DB_LOGS_DELETE failed (DEMO)         |        |
| CTM_DB_ARCHLOG...  | Housekeeping_C... | Job      | Y | EM-TEST             | CTM_DU1          | NOTOK      | MAIL   | @horizont-it.com |                   | CTM_DB_ARCHLOGS_DELETE failed (DEMO)     |        |

Trigger

Action

Details

Connected as: P392E, file: XX42L#25

Lines: 16

# Control-M/EM – Variables

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 ribbon with various tool groups: 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 view of the system. Under the 'Control-M/EM' folder, the 'Variables' item is highlighted with a red rectangular box. A dark blue callout bubble with white text points to this box, containing the instruction: 'Select 'Variables' to search for names or values'. The status bar at the bottom indicates the user is connected as 'P392E, file: XX42L#25'.

Select 'Variables' to search for names or values

# Control-M/EM – Variables

XINFO PC Client

File Home Table Netplan Barchart Chart Script View

Copy Select All Toggle Selection Edit Customize Use Default Use Custom Table Layout Show SQL

Workspace Tree

- Scheduler
  - A-AUTO
  - AOCS
  - Automatic
  - CA-Scheduler
  - CA7
  - Control-M
  - Control-M/EM
    - Job Definitions
    - Scheduling
    - Resources
    - In/Out Conditions
    - On Do
    - Variables
    - Notifications
    - Capture
    - Job Script/JCL
    - Hosts
  - EJM

Control-M/EM - Variables

|                     |   |        |
|---------------------|---|--------|
| File Name/Memname   | = |        |
| Job Name (d)        | = |        |
| Folder/Table        | = |        |
| Application         | = |        |
| Sub Appl./Group     | = |        |
| Tasktype            | = |        |
| Current Version     | = |        |
| Control-M/EM System | = |        |
| Control-M/Server    | = |        |
| Variable Name       | = | *DATE* |
| Variable Value      | = |        |

OK Actions Cancel

Which jobs are using a “\*DATE\*” variable?

Connected as: P392E, file: XX42L#25

# Control-M/EM – Variables

XINFO PC Client - Control-M/EM - Variables

File Home Table Netplan Barchart Chart Script View

Control-M/EM - Variables

Workspace Tree

| File Name/Memname | Job Name   | Folder/Table     | Application  | Sub Appl./Gro... | Tasktype | C | Control-M/EM System | Control-M/Server | Variable Name | Variable Value              | Job Id | Table Id | V |
|-------------------|------------|------------------|--------------|------------------|----------|---|---------------------|------------------|---------------|-----------------------------|--------|----------|---|
| <all>             | <all>      | <all>            | <all>        | <all>            | <all>    |   | <all>               | <all>            | <all>         | <all>                       | <a...> | <all>    |   |
|                   | tst_ctmlog | u139040_ATE...   |              |                  | Command  | Y | EM-PROD             | CTM_PW1          | %%To_Date     | %%\$ODATE                   | 9      | 4        |   |
|                   | tst_ctmlog | u139040_ATE      |              |                  | Command  | Y | EM-PROD             | CTM_PW1          | %%From_date   | %%\$CALCDATE %%\$ODATE -1   | 9      | 4        |   |
| ctmcontb          | HORJOB44   | ConditionUtility |              |                  | Command  | Y | EM-PROD             | CTM_PW1          | %%todate      | %%SUBSTR %%TO 3 4           | 1      | 10345    |   |
| ctmcontb          | HORJOB44   | ConditionUtility | HORAPPL20    | HORSUBCOND       | Command  | Y | EM-PROD             | CTM_PW1          | %%fromdate    | %%SUBSTR %%FROM 3 4         | 1      | 10345    |   |
| ctmcontb          | HORJOB43   | ConditionUtility | HORAPPL20    | HORSUBCOND       | Command  | Y | EM-PROD             | CTM_PW1          | %%fromdate    | %%SUBSTR %%FROM 3 4         | 2      | 10345    |   |
| ctmcontb          | HORJOB43   | ConditionUtility | HORAPPL20    | HORSUBCOND       | Command  | Y | EM-PROD             | CTM_PW1          | %%todate      | %%SUBSTR %%TO 3 4           | 2      | 10345    |   |
| ctmcontb          | HORJOB41   | ConditionUtility | HORAPPL20    | HORSUBCOND       | Command  | Y | EM-PROD             | CTM_PW1          | %%Date        | %%ODATE                     | 5      | 10345    |   |
|                   | HORVAR01   | Variables        | HORAPPL40    |                  |          |   |                     | CTM_PW1          | %%SYSDATE2Y   | %%DAY.-%%M.-%%MONTH.-%%YEAR | 3      | 10360    |   |
|                   | HORVAR01   | Variables        | HORAPPL40    |                  |          |   |                     | CTM_PW1          | %%SYSDATE     | %%DAY.-%%MM.-%%YEAR         | 3      | 10360    |   |
| ctmlog            | HORADM007  | DatabaseUtility  | HORAPPL70    |                  |          |   |                     | CTM_PW1          | %%FROMDATE    | %%\$CALCDATE %%\$ODATE -1   | 2      | 10365    |   |
| ctmlog            | HORADM007  | DatabaseUtility  | HORAPPL70    |                  |          |   |                     | CTM_PW1          | %%TODATE      | %%\$ODATE                   | 2      | 10365    |   |
| ctmcontb          | HORADM003  | DatabaseUtility  | HORAPPL70    | HORSUBADM        | Command  | Y | EM-PROD             | CTM_PW1          | %%todate      | %%SUBSTR %%TO 3 4           | 3      | 10365    |   |
| ctmcontb          | HORADM003  | DatabaseUtility  | HORAPPL70    | HORSUBADM        | Command  | Y | EM-PROD             | CTM_PW1          | %%fromdate    | %%SUBSTR %%FROM 3 4         | 3      | 10365    |   |
|                   | HORJOB41   | AdminUtilities   | HORAPPL30    | HORSUBCTM        | Command  | Y | EM-PROD             | CTM_PW1          | %%To_Date     | %%ODATE                     | 2      | 10369    |   |
|                   | HORJOB41   | AdminUtilities   | HORAPPL30    | HORSUBCTM        | Command  | Y | EM-PROD             | CTM_PW1          | %%From_date   | %%CALCDATE %%ODATE -365     | 2      | 10369    |   |
|                   | HORJOB42   | AdminUtilities   | HORAPPL30    | HORSUBCTM        | Command  | Y | EM-PROD             | CTM_PW1          | %%From_date   | %%CALCDATE %%ODATE -365     | 3      | 10369    |   |
|                   | HORJOB42   | AdminUtilities   | HORAPPL30    | HORSUBCTM        | Command  | Y | EM-PROD             | CTM_PW1          | %%To_Date     | %%ODATE                     | 3      | 10369    |   |
|                   | HORJOB43   | AdminUtilities   | HORAPPL30    | HORSUBCTM        | Command  | Y | EM-PROD             | CTM_PW1          | %%From_date   | %%CALCDATE %%ODATE -365     | 4      | 10369    |   |
|                   | HORJOB43   | AdminUtilities   | HORAPPL30    | HORSUBCTM        | Command  | Y | EM-PROD             | CTM_PW1          | %%To_Date     | %%ODATE                     | 4      | 10369    |   |
|                   | tst_ctmlog | xxxu139040_A...  | HOR0010      | HORSUB           | Command  | Y | EM-PROD             | CTM_PW1          | %%To_Date     | %%\$ODATE                   | 9      | 10375    |   |
|                   | tst_ctmlog | xxxu139040_A...  | HOR0010      | HORSUB           | Command  | Y | EM-PROD             | CTM_PW1          | %%From_date   | %%\$CALCDATE %%\$ODATE -1   | 9      | 10375    |   |
| ctmcontb          |            | Housekeeping...  | Housekeeping | Housekeeping...  | Command  | Y | EM-PROD             | CTM_PW1          | %%todate      | %%SUBSTR %%zwfrom 3 4       | 1      | 10432    |   |
| ctmcontb          |            | Housekeeping...  | Housekeeping | Housekeeping...  | Command  | Y | EM-PROD             | CTM_PW1          | %%fromdate    | %%SUBSTR %%zwto 3 4         | 1      | 10432    |   |
| DataFormat        |            | Variables Folder | Nice         | Introduction     | Command  | Y | EM-TEST             | CTM_TU1          | %%SYSDATE2Y   | %%DAY.-%%M.-%%MONTH.-%%YEAR | 3      | 77       |   |

Connected as: P392E, file: XX42L#25

Lines: 60

The jobs...

...that are using  
"DATE" variables



# Control-M/EM – Variables

The screenshot shows the XINFO PC Client interface for Control-M/EM Variables. The main window displays a table with columns: File Name/Memname, Job Name, Folder/Table, Tasktype, C, Control-M/EM System, Control-M/Server, Variable Name, Variable Value, and Job ID. A red box highlights the 'Variable Name' and 'Variable Value' columns. A speech bubble points to the table with the text 'Search for all jobs using LIBMEMSYM'S'.

| File Name/Memname | Job Name          | Folder/Table | Tasktype | C     | Control-M/EM System | Control-M/Server | Variable Name | Variable Value   | Job ID |
|-------------------|-------------------|--------------|----------|-------|---------------------|------------------|---------------|--|--------|
| <all>             | <all>             | <all>        | <all>    | <all> | <all>               | <all>            | <all>         | <all>  |        |
|                   | HORVAR03          | Variables    | Command  | Y     | EM-PROD             | CTM_PW1          | %%LIBMEMSYM   | C:\Program Files\BMC Software\Control-M EM\Default\LIBMEMSYM\varitest.txt  |        |
|                   | HORVAR01          | Variables    | Command  | Y     | EM-PROD             | CTM_PW1          | %%LIBMEMSYM   | C:\Program Files\BMC Software\Control-M EM\Default\LIBMEMSYM\variable.txt  |        |
|                   | HORVAR08          | Variables    | Command  | Y     | EM-PROD             | CTM_PW1          | %%LIBMEMSYM   | C:\Program Files\BMC Software\Control-M Server\variable_test\monthdays.txt |        |
|                   | HORVAR08          | Variables    | Command  | Y     | EM-PROD             | CTM_PW1          | %%LIBMEMSYM   | C:\Program Files\BMC Software\Control-M Server\variable_test\weekdays.txt  |        |
|                   | ctmVarTest2       | var          | Command  | Y     | EM-PROD             | CTM_TU1          | %%LIBMEMSYM   | /opt/ctmuser/varitest  |        |
|                   | VariablenTest     | Var          | Command  | Y     | EM-PROD             | CTM_TU1          | %%LIBMEMSYM   | /opt/ctmuser/variable_test/varitest  |        |
|                   | WeekdaysLIBMEMSYM | Sam          | Command  | Y     | EM-PROD             | CTM_TU1          | %%LIBMEMSYM   | /opt/ctmuser/variable_test/weekdays.txt                                    |        |
|                   | WeekdaysLIBMEMSYM | Sam          | Command  | Y     | EM-PROD             | CTM_TU1          | %%LIBMEMSYM   | /opt/ctmuser/variable_test/monthdays.txt                                   |        |
|                   | WeekdaysLIBMEMSYM | Sam          | Command  | Y     | EM-PROD             | CTM_TU1          | %%LIBMEMSYM   | /opt/ctmuser/variable_test/weekdays.txt                                    |        |
|                   | WeekdaysLIBMEMSYM | SamplesDemo  | Command  | Y     | EM-TEST             | CTM_TU1          | %%LIBMEMSYM   | /opt/ctmuser/variable_test/monthdays.txt                                   |        |
|                   | WeekdaysLIBMEMSYM | SamplesDemo1 | Command  | Y     | EM-TEST             | CTM_TU1          | %%LIBMEMSYM   | /opt/ctmuser/variable_test/monthdays.txt                                   |        |
|                   | WeekdaysLIBMEMSYM | SamplesDemo1 | Command  | Y     | EM-TEST             | CTM_TU1          | %%LIBMEMSYM   | /opt/ctmuser/variable_test/weekdays.txt                                    |        |

Search for all jobs using LIBMEMSYM'S



# Control-M/EM – Notifications

The screenshot displays the XINFO PC Client interface. The top menu bar includes File, Home, Table, Netplan, Barchart, Chart, Script, and View. The ribbon below the menu bar contains various tool groups: Edit (Copy, Select All, Toggle Selection), Table Layout (Customize, Use Default, Use Custom), Table Functions (Group, Statistics, All), Tools (Show SQL, Show criteria, Inverse Filter), and Chart (New, Library, Explorer). On the left, the Workspace Tree shows a hierarchical structure of folders and items. The 'Control-M/EM' folder is expanded, revealing sub-items like Job Definitions, Scheduling, Resources, In/Out Conditions, On Do, Variables, Notifications, Capture, Job Script/JCL, and Hosts. The 'Notifications' item is highlighted with a red rectangular box. A dark blue callout bubble with white text points to this box, containing the instruction: 'Select 'Notifications' to search for names or values'. At the bottom of the window, the status bar shows 'Connected as: P392E, file: XX42L#25'.

Select 'Notifications' to search for names or values

# Control-M/EM – Notifications

The screenshot shows the XINFO PC Client interface. On the left is a 'Workspace Tree' with a tree view containing folders like Scheduler, A-AUTO, APCS, Automatic, CA-Scheduler, CA7, Control-M, and Control-M/EM. Under Control-M/EM, there are sub-items like Job Definitions, Scheduling, Resources, In/Out Conditions, On Do, Variables, Notifications (highlighted), Capture, Job Script/JCL, and Hosts. At the bottom left, it says 'Connected as: P392E, file: XX42L#25'. The main window is titled 'XINFO PC Client' and contains a dialog box titled 'Control-M/EM - Notifications'. The dialog has several fields, each with a dropdown menu set to '='. The 'Destination' field is highlighted with a red box and contains the text 'IOALOG'. A speech bubble points to the dialog with the text 'Which jobs send notifications to the Control-M Server Log File?'. At the bottom of the dialog are buttons for 'OK', 'Actions', and 'Cancel'.

| Field               | Value  |
|---------------------|--------|
| File Name/Memname   | =      |
| Job Name (d)        | =      |
| Folder/Table        | =      |
| Application         | =      |
| Sub Appl./Group     | =      |
| Tasktype            | =      |
| Current Version     | =      |
| Control-M/EM System | =      |
| Control-M/Server    | =      |
| When                | =      |
| Destination         | IOALOG |
| Message             | =      |
| Urgency             | =      |
| Time                | =      |
| Time+Days (z)       | =      |

# Control-M/EM – Notifications

XINFO PC Client - Control-M/EM - Notifications

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

| File Name/Memname | Job Name       | Folder/Table  | Application | Sub Appl./Group | Tasktype | C | Control-M/EM System | Control-M/Server | When     | Destination | Message | U | Time  | + | Job Id | Table I |
|-------------------|----------------|---------------|-------------|-----------------|----------|---|---------------------|------------------|----------|-------------|---------|---|-------|---|--------|---------|
| <all>             | <all>          | <all>         | <all>       | <all>           | <all>    |   | <all>               | <all>            | <all>    | <all>       | <all>   |   | <...> |   | <a...> | <...>   |
| mem               | Dummy_Job#1    | Testfolder    | Testappl    | Testsubappl     | Dummy    | Y | PC24-V80            | pc24             | EXECTIME | IOALOG      | xxx     | U | <004  |   | 3      |         |
| mem               | Dummy_Job#1    | Testfolder    | Testappl    | Testsubappl     | Dummy    | Y | PC31-V90            | pc31             | EXECTIME | IOALOG      | xxx     | U | <004  |   | 3      |         |
|                   | DRADO_SMART... | DRADO_SMAR... |             |                 | Dummy    | Y | PC138-V9019         | CTM_DU1          | EXECTIME | IOALOG      | Hi 2    | U | -99%  |   | 7      |         |
|                   | TRADO_SMART... | TRADO_SMAR... |             |                 | Dummy    | Y | PC138-V9019         | CTM_TU1          | EXECTIME | IOALOG      | Hi 2    | U | -99%  |   | 4      |         |

Jobs...

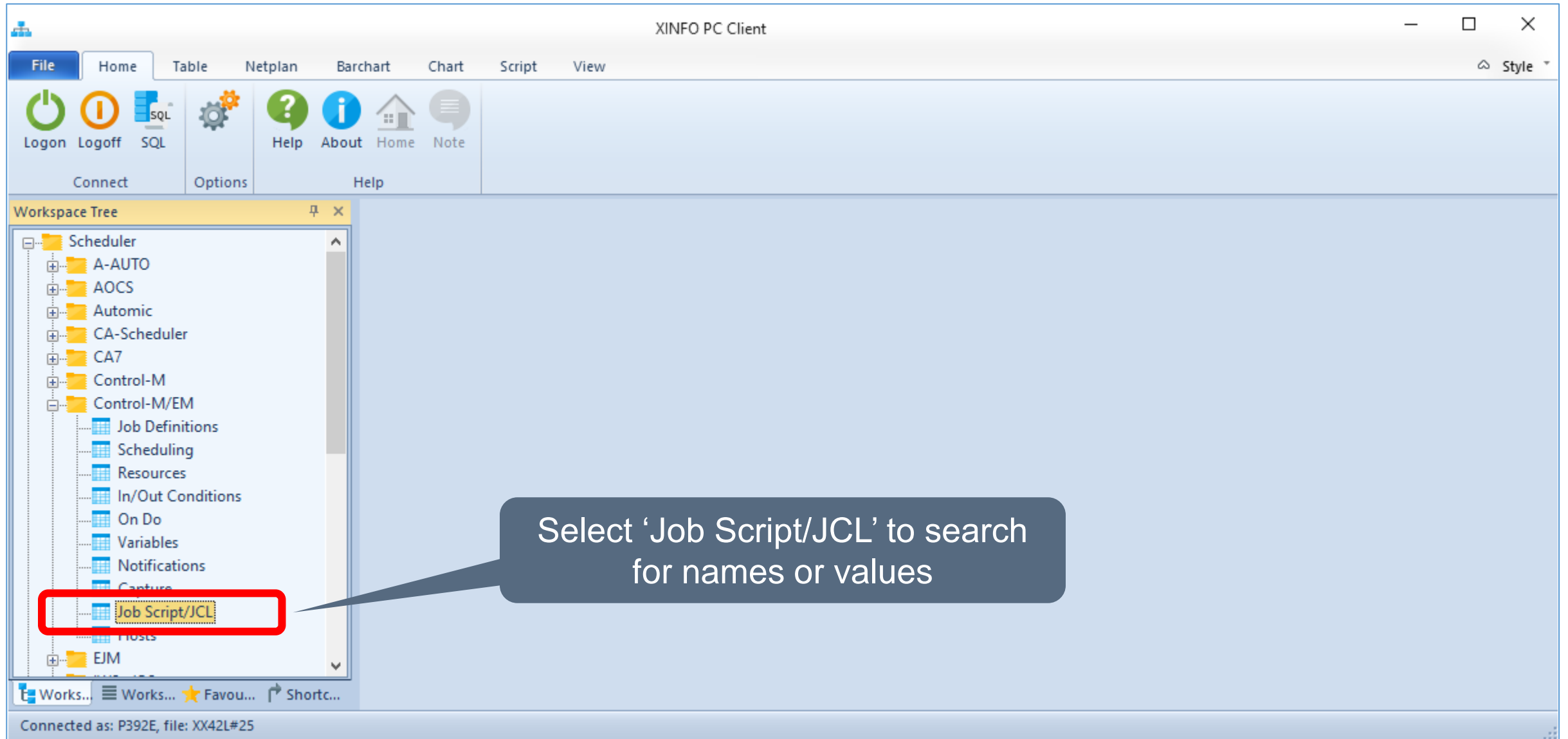
...in any systems...

...that send notifications to the Log File.

Connected as: P392E, file: XX42L#14

Lines: 4

# Control-M – Job Script/JCL



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, Options, Help, About, Home, and Note. The main workspace is divided into a left-hand 'Workspace Tree' and a larger central area. The 'Workspace Tree' shows a hierarchical structure of folders and items. The 'Control-M' folder is expanded, revealing sub-items like Job Definitions, Scheduling, Resources, In/Out Conditions, On Do, Variables, Notifications, Capture, Job Script/JCL, and Hosts. The 'Job Script/JCL' item is highlighted with a red rectangular box. A dark blue callout bubble with white text points to this box, containing the instruction: 'Select 'Job Script/JCL' to search for names or values'. At the bottom of the window, a status bar indicates the connection: 'Connected as: P392E, file: XX42L#25'.

Select 'Job Script/JCL' to search for names or values

# Control-M – Job Script/JCL

XINFO PC Client - Control-M/EM - Job Script/JCL

File Home Table Netplan Barchart Chart Script View

Control-M/EM - Job Script/JCL

| File Name/Memname | Job Name       | Line | Line Content  | Application  | Sub Appl./Group  | Folder/Table     | Tasktype |
|-------------------|----------------|------|---|--------------|------------------|------------------|----------|
| HJOBG003          |                | 1    | //TSTBR14A JOB MSGCLASS=T,CLASS=A   |              |                  |                  | Job      |
| HJOBG003          |                | 2    | /*  |              |                  |                  | Job      |
| HJOBG003          |                | 3    | /* %%SET %%STRDAT = %%ODATE   |              |                  |                  | Job      |
| HJOBG003          |                | 4    | /* %%SET %%DAYBEF = %%CALCDATE %%STRDAT -1  |              |                  |                  | Job      |
| HJOBG003          |                | 5    | /* %%DAY = %%SUBSTR %%STRDAT 5 2  |              |                  |                  | Job      |
| HJOBG003          |                | 6    | /* %%MONTH = %%SUBSTR %%STRDAT 3 2  |              |                  |                  | Job      |
| HJOBG003          |                | 7    | /* %%YEAR = %%SUBSTR %%STRDAT 1 2   |              |                  |                  | Job      |
| HJOBG003          |                | 8    | /*  |              |                  |                  | Job      |
| HJOBG003          |                | 9    | //STEP1 EXEC PGM=IEFBR14  |              |                  |                  | Job      |
| HJOBG003          |                | 10   | /*  |              |                  |                  | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 1    | #!/bin/sh   | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 2    | DIRECTORY=\${1}   | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 3    | FILES=\${2}   | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 4    | DAYS_TO_DELETE=\${3}  | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 5    | echo Delete Files in specific Directory:  | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 6    | echo Directory: \${DIRECTORY}   | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 7    | echo Files: \${FILES}   | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 8    | echo "Files vor Loeschung"  | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 9    | ls -la \${DIRECTORY}  | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 10   | find \${DIRECTORY} -mtime +\${DAYS_TO_DELETE} -type f -name "\${FILES}" -exec rm -v {} \; | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 11   | RC=\$?  | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 12   | echo "Files nach Loeschung"   | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 13   | ls -la \${DIRECTORY}  | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |
| ctmlogs_delete.sh | ctmlogs_delete | 14   | exit \$RC   | Housekeeping | Housekeeping_CTM | Housekeeping_TU1 | Job      |

z/OS jobs with JCL

Job scripts for distributed jobs

Connected as: P392E, file: XX42L#25

Lines: 403



# XINFO – Line Commands

XINFO PC Client - Control-M/EM - Job Definitions

File Home Table Netplan Barchart Chart Script View Style

Control-M/EM - Job Definitions

| File Name/Memname    | Job Name       | Folder/Table     | Application      | Sub Application/Group | Task Type   | Appl Type | Appl Ver | Application Form | C     | Control-M/EM System | Control-M/Server | Run   |
|----------------------|----------------|------------------|------------------|-----------------------|-------------|-----------|----------|------------------|-------|---------------------|------------------|-------|
| <all>                | <all>          | <all>            | <all>            | <all>                 | <all>       | <all>     | <all>    | <all>            | <all> | <all>               | <all>            | <all> |
|                      | GlobalVar_List | Variables        | HORAPPL40        | HORSUBVAR             | Command     | OS        |          |                  | N     | EM-PROD             | CTM_PW1          | ctmu  |
|                      | HORVAR05       | Variables        | HORAPPL40        | HORSUBVAR             | Command     | OS        |          |                  | Y     | EM-PROD             | CTM_PW1          | ctmu  |
|                      | HORVAR07       | Variables        | HORAPPL40        | HORSUBVAR             | Command     | OS        |          |                  | Y     | EM-PROD             | CTM_PW1          | emus  |
|                      | HORVAR08       | Variables        | HORAPPL40        | HORSUBVAR             | Command     | OS        |          |                  | Y     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmjsa               | HORADM004      | Database Utility | HORAPPL70        | HORSUPPSTAT           | Command     | OS        |          |                  | N     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmjsa               | HORADM004      | Database Utility | HORAPPL70        | HORSUBSTAT            | Command     | OS        |          |                  | Y     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmlog               | LogReport      | Database Utility | HORAPPL70        | Testing               | Command     | OS        |          |                  | N     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmlog               | HORADM007      | Database Utility | HORAPPL70        | HORSUBADM             | Command     | OS        |          |                  | Y     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmco                | Control-D      | ditionWithVar... | Database Utility | Nico                  | Testing     | Command   | OS       |                  | N     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmco                | Control-M      | 03               | Database Utility | HORAPPL70             | HORSUBADM   | Command   | OS       |                  | Y     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmrun               | Control-M/EM   |                  | ity              | HORAPPL70             | HORSUPPSTAT | Command   | OS       |                  | N     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmrun               |                |                  | ity              | HORAPPL70             | HORSUBSTAT  | Command   | OS       |                  | Y     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmagcln             | HORADM0        |                  | ity              | HORAPPL70             |             |           |          |                  | N     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmagcln             | HORADM0        |                  | ity              | HORAPPL70             |             |           |          |                  | Y     | EM-PROD             | CTM_PW1          | ctmu  |
| ListControlResources | ListControlF   |                  | ity              | HORAPPL70             |             |           |          |                  | N     | EM-PROD             | CTM_PW1          | ctmu  |
| ListControlResources | HORADM0        |                  | ity              | HORAPPL70             |             |           |          |                  | Y     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmjsa               | HORADM0        |                  | ity              | HORAPPL70             |             |           |          |                  | N     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmjsa               | HORADM0        |                  | ity              | HORAPPL70             |             |           |          |                  | Y     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmruninf            | HORADM0        |                  | ity              | HORAPPL70             |             |           |          |                  | N     | EM-PROD             | CTM_PW1          | ctmu  |
| ctmruninf            | HORADM0        |                  | ity              | HORAPPL70             |             |           |          |                  | Y     | EM-PROD             | CTM_PW1          | ctmu  |
|                      | HORADM0        |                  | ity              | HORAPPL70             | HORSUBADM   | Command   | OS       |                  | Y     | EM-PROD             | CTM_PW1          | emus  |
|                      | HORADM0        |                  | ity              | HORAPPL70             | HORSUBADM   | Command   | OS       |                  | Y     | EM-PROD             | CTM_PW1          | emus  |
|                      | HORJOB40       | Admin Utilities  | HORAPPL30        | HORSUBCTM             | Command     | OS        |          |                  | Y     | EM-PROD             | CTM_PW1          | ctmu  |
|                      | HORJOB41       | Admin Utilities  | HORAPPL30        | HORSUBCTM             | Command     | OS        |          |                  | Y     | EM-PROD             | CTM_PW1          | ctmu  |

Workspace Tree

- Control-D
- Control-M
- Control-M/EM
  - Capture
  - Conditions
  - Hosts
  - Job Script/JCL
  - Notifications
  - On Do
  - Resources
  - Scheduling
  - Variables

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

Connected as: P392E, file: XX42L#25

Lines: 580

# XINFO – Line Commands

The screenshot shows the XINFO PC Client interface for Control-M/EM Variables. The window title is "XINFO PC Client - Control-M/EM - Variables". The menu bar includes File, Home, Table, Netplan, Barchart, Chart, Script, and View. The active tab is "Control-M/EM - Variables". A table displays the following data:

| File Name/Memname | Job Name  | Folder/Table    | Tasktype | C | Control-M/EM System | Control-M/Server | Variable Name | Variable Value            | Job Id | Table Id | Version |
|-------------------|-----------|-----------------|----------|---|---------------------|------------------|---------------|---------------------------|--------|----------|---------|
| <all>             | <all>     | <all>           | <all>    |   | <all>               | <all>            | <all>         | <all>                     | <a...> | <all>    | <all>   |
| ctmlog            | HORADM007 | DatabaseUtility | Command  | Y | EM-PROD             | CTM_PW1          | %%TODATE      | %%\$ODATE                 | 2      | 10365    | 4       |
| ctmlog            | HORADM007 | DatabaseUtility | Command  | Y | EM-PROD             | CTM_PW1          | %%FROMDATE    | %%\$CALCDATE %%\$ODATE -1 | 2      | 10365    | 4       |

A callout box with a dark blue background and white text points to the table, containing the text: "e.g. from Job Definitions to Variables".

At the bottom left, the status bar shows "Connected as: P392E, file: XX42L#25". At the bottom right, it shows "Lines: 2".



Thanks for your attention! Do you have any questions?

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

**HORIZONT**

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