XINFO 4.2

What‘s new

XINFO 4.2

Release 4.2 is available since June 2020.
Two fundamental differences from previous releases:

- TCP/IP communication:

Version	Listener	Server Modules	Client Version	Note
4.0	ROTISHD	XXRIXD4	> 4.0	
4.0	ROTISHB	XXRIXD5	>= 4.1 Build 67	Not included in package. Only available on request.
4.1	ROTISHB	XXRIXD5	>= 4.1 Build 67	
4.2	HORILST	XXRIXD6	>= 4.2 Build 79	Shared Package >= V1R0

- Shared Package:
  Load modules commonly used by HORIZONT products are in a separate package.

XINFO 4.2

General enhancements:

- Improved/simplified TCPIP communication
  - New listener HORILST communicates directly with XINFO server – no UWORK
  - One XINFO server task supports all encryption modes
  - Prepared for future TLS 1.3 support
- XINFO installation
  - Convert SMF times from seconds to cent seconds (cs)
  - SHRLEVEL REFERENCE in Db2 load statement – avoid -911
- ISPF dialog
  - Display load date in result panel – no adaption of panels and REXX
  - XINFO batch query (pgm XXRIWT1) supports long SQL > 5000 lines
- PC Client
  - JCL highlighting

XINFO 4.2 – Workload Manager

Enhancements for workload manager scanner:

- Automic
  - New table “Unused Objects”
  - Added information when Agents were active, i.e. Start Time and End Time
  - Table “Processing” shows name of included object to answer “Which objects use specific JOBI?”

- CA 7
  - Improved error handling, adapted data types, i.e. Submit Time (TRSBTM)

- Control-M
  - Support Control-M 8.0 up to 9.0.20
  - New table “Capture“
  - Added “Mail CC“, “Mail Attach Sysout“, “Mail Urgency“
  - Enterprise Manager: New table for EM-Hosts (NODEIDs)

XINFO 4.2 – Workload Manager

Enhancements for workload manager scanner:

- IWS
  - Support IWSz 9.5 (Operation Dead Line/Start Alert)
  - New table XXRTCPI for CP Workstation Intervals
  - Further improvements
    - Job Run Times in "No. of seconds“
    - Extend columns ADRRDAYP, ADRRDAYN
    - Added length to IWS z/OS - JCL Variable Tables
- New IWSd scanner
  - Support IWSd 9.4.0.0 – 9.5.0.3
- StreamWorks
  - 64-bit scanner to prevent database connection problems
  - Support StreamWorks 2019

XINFO 4.2 - JCL

Support of z/OS 2.4 JCL enhancements:

- NOTIFY statement
  - New JCLERR and SECERR keywords of WHEN parameter
- DD statement
  - SMBVSPI, is added to AMP parameter
- Scan messages are available in XINFO → new table XXRTJSM

XINFO 4.2 – z/OS

Scanner enhancements:

- Beta 92 EJM
  - Changed CHAR to DATE, TIME DB2 data type
  - Enhanced script scanner for #PSSTEP, ##EVENTSTEP, ##REMOTESSH, ##JSLPARM
- Beta 93
  - Added field LREFD (Last_Referenced_Date)
- CICS CSD
  - CICS 5.5 support (new field JOBUSERID)
- DB2
  - Added SYSTEM.SYSTABLES columns CREATEDBY, CREATEDTS, ALTEREDTS to XXRTD22

XINFO 4.2 – z/OS

Scanner enhancements:

- Load module:
  - Changed CHAR to DATE, TIME DB2 data type
- IT Charts
  - Recording of historical runtime data of a period in ITC table.
- SMF
  - CPU times in cent seconds (cs - 1/100 seconds)
  - Added SMF30_Highest_Task_CPU -> Determine the "CPU-intensive" tasks
  - Interval activity (STCs) – record 30 subtype 2
  - CICS 5.5 support (compatibility support for 5.6)
- Space
  - Merged migrated and backup data into one table
  - Added LRECL to migrated and backup data
  - Added ATTRIBUTES, ENCRYPTIONDATA data set data

XINFO 4.2 – Source

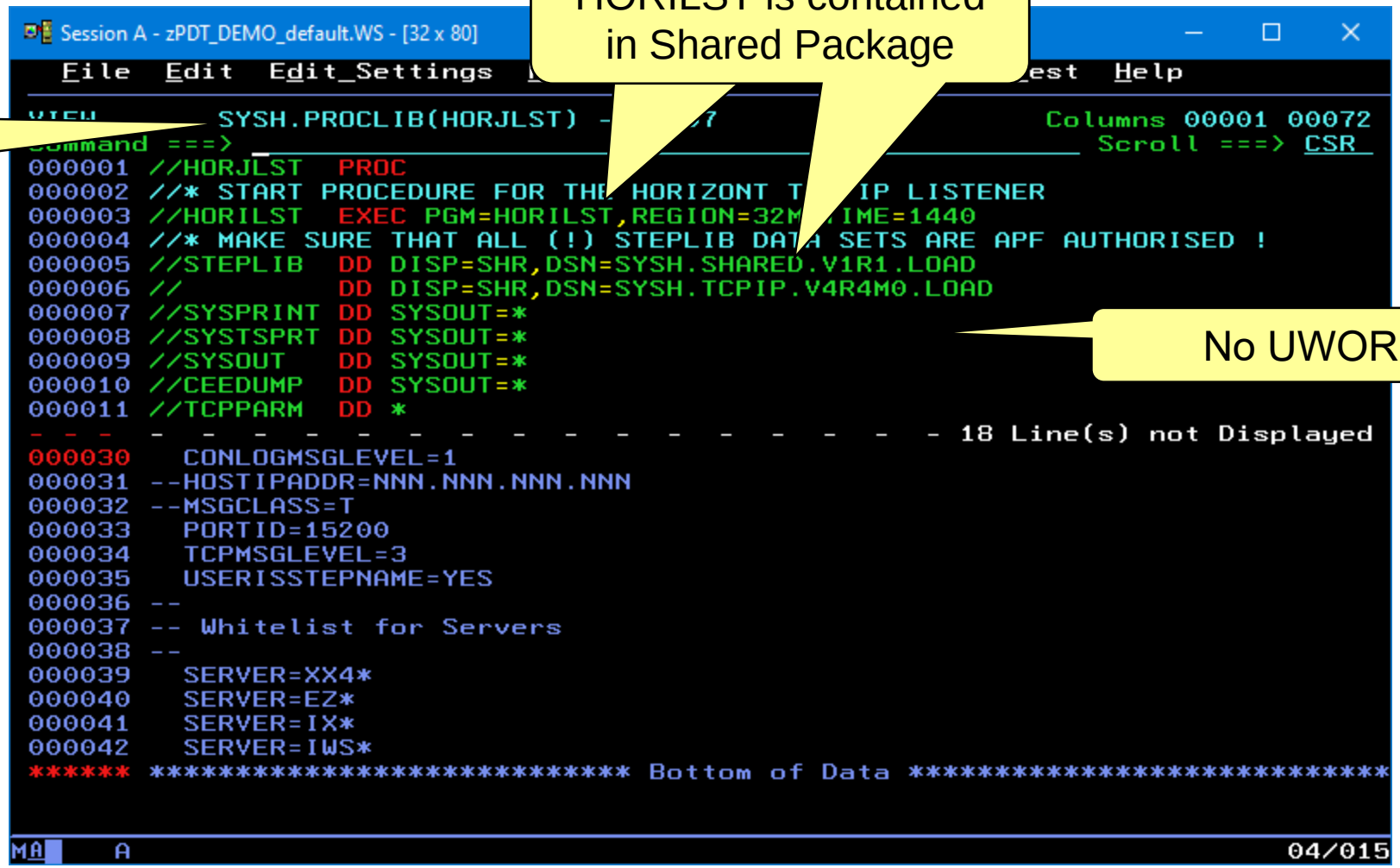
Scanner enhancements:

- Natural:
  - Which Natural programs use MAPs?
  - Save Time and Catalog Time added to “Natural – Libraries”

XINFO 4.2 – TCP/IP Listener

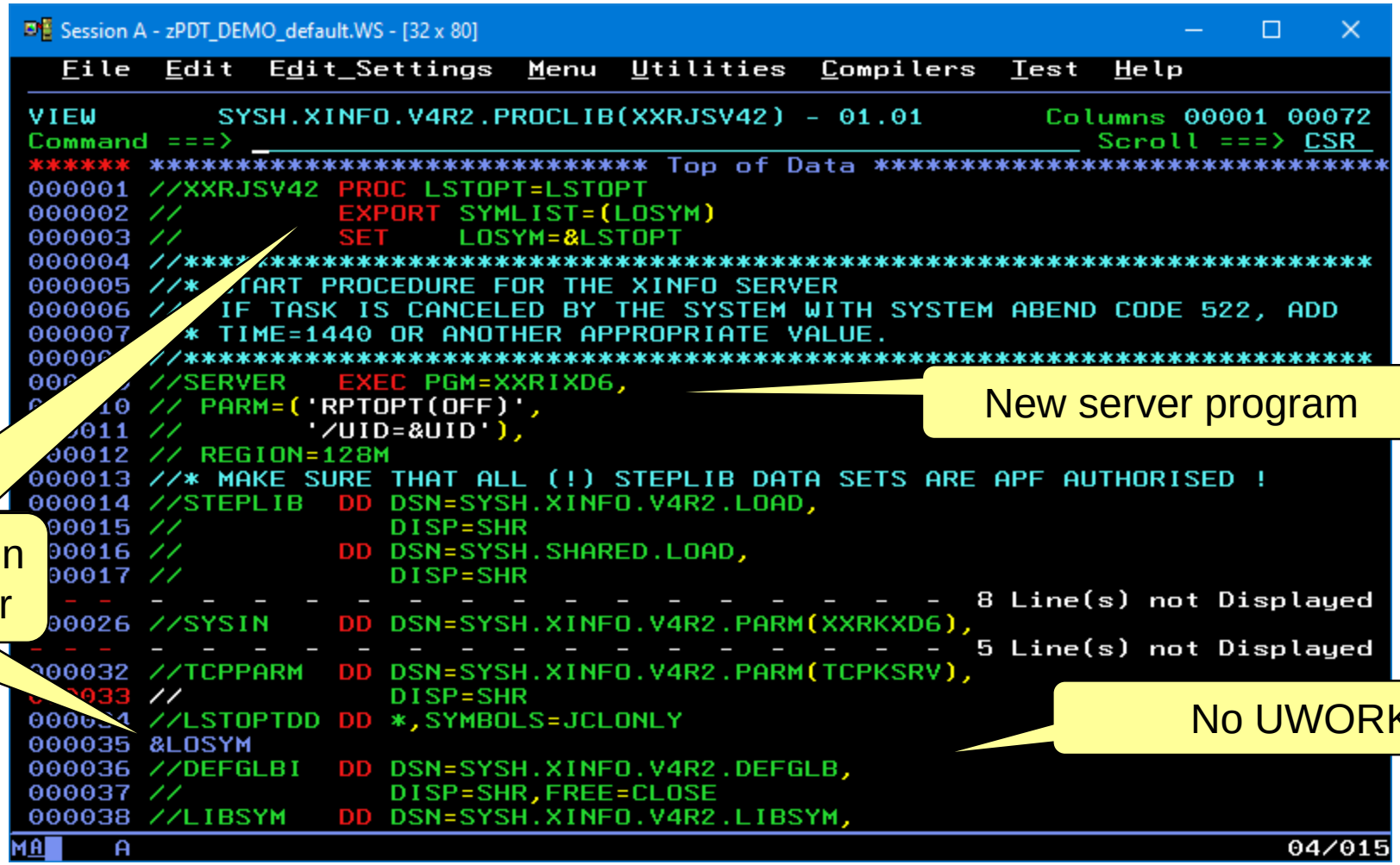
New listener HORJLST

HORILST is contained in Shared Package

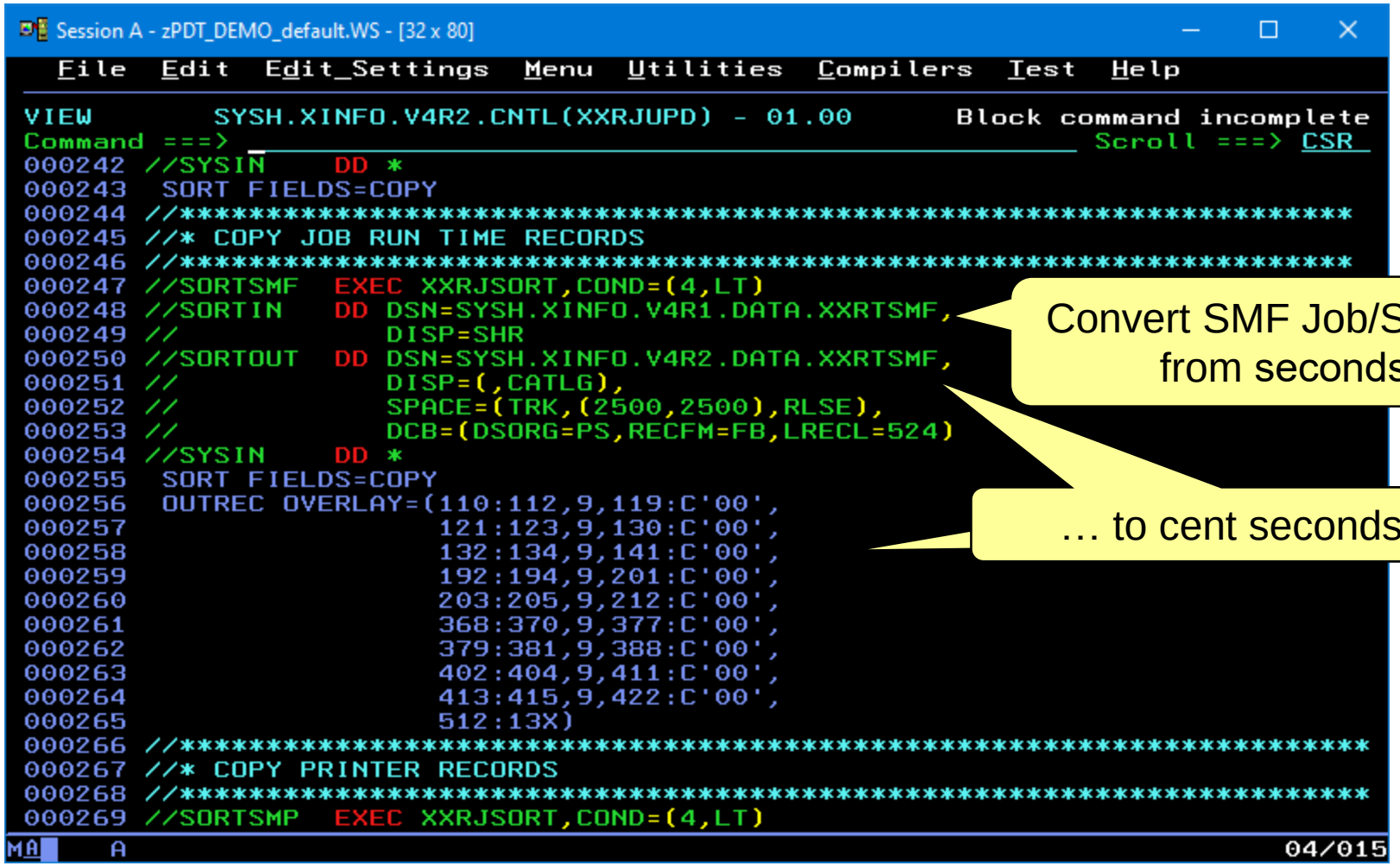


No UWORK …

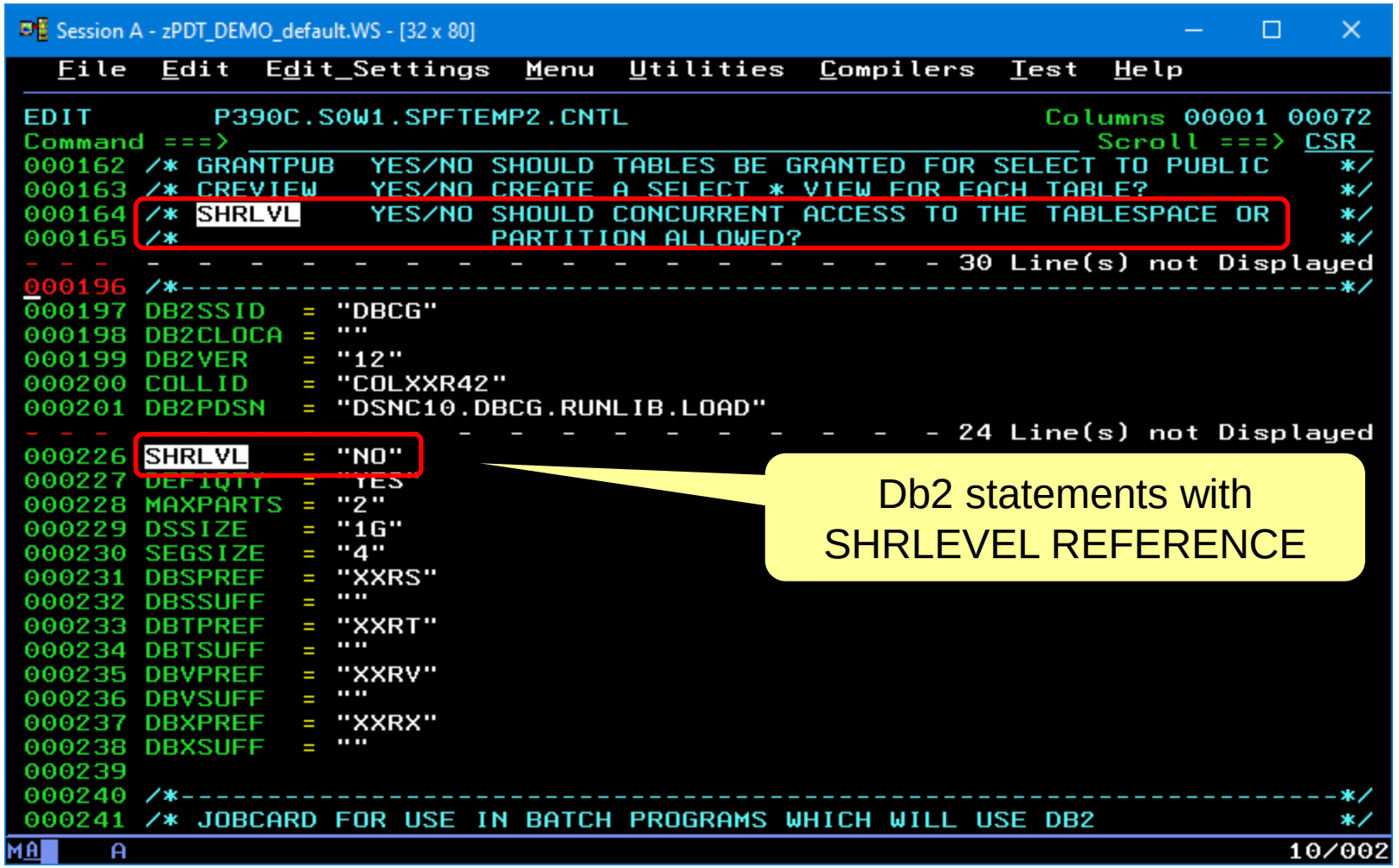
XINFO 4.2 – Server task



XINFO 4.2 – Installation

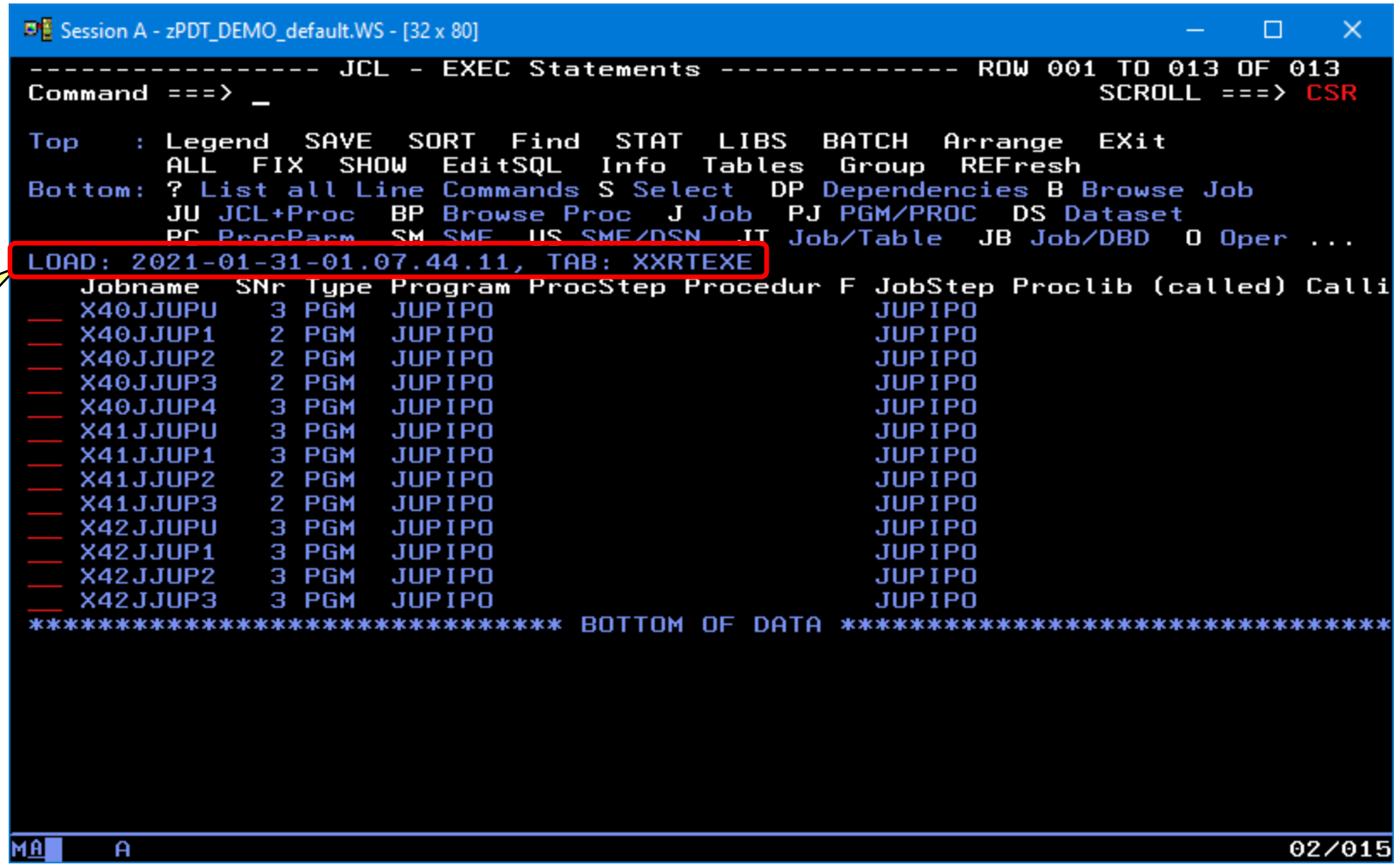


XINFO 4.2 – Installation

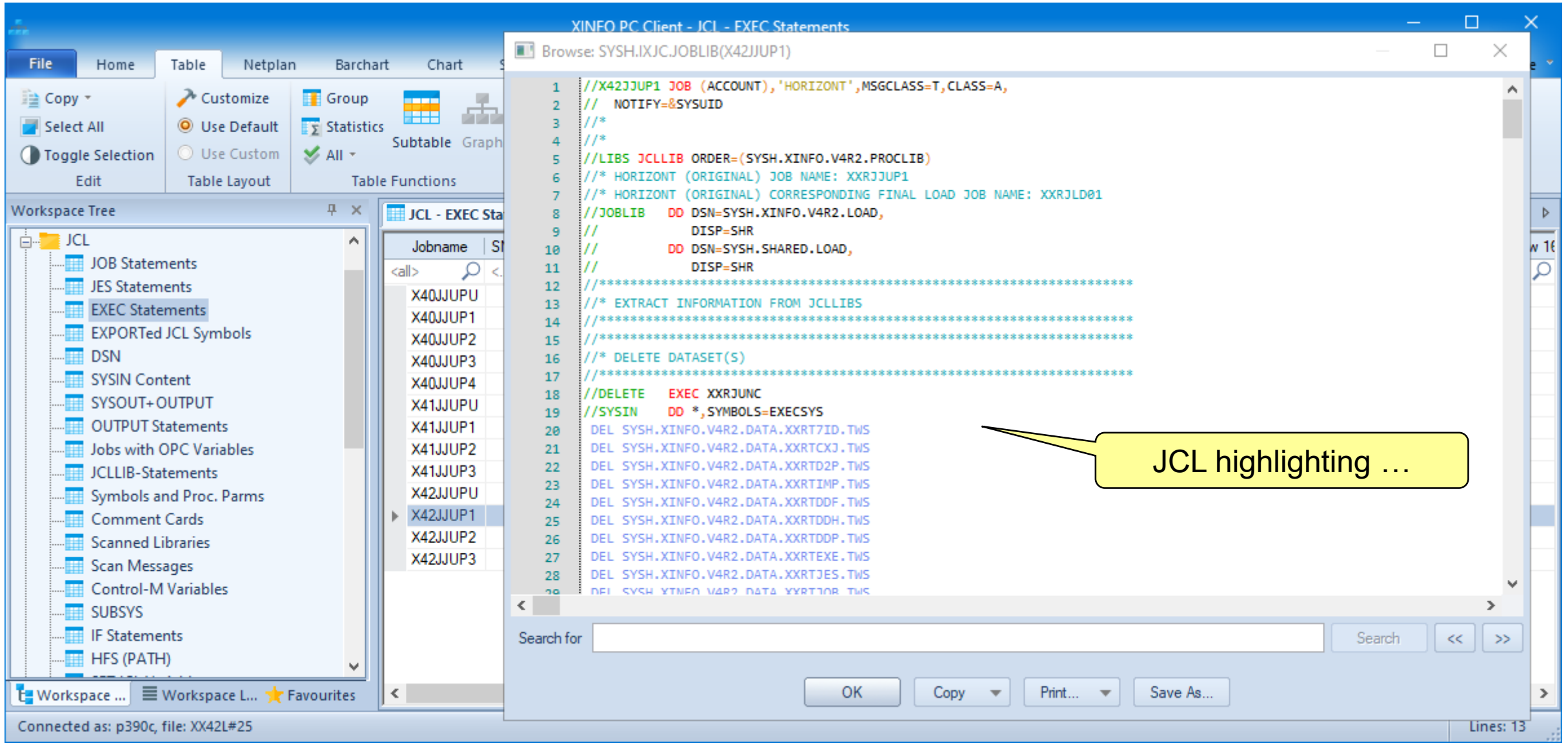


XINFO 4.2 – ISPF Dialog

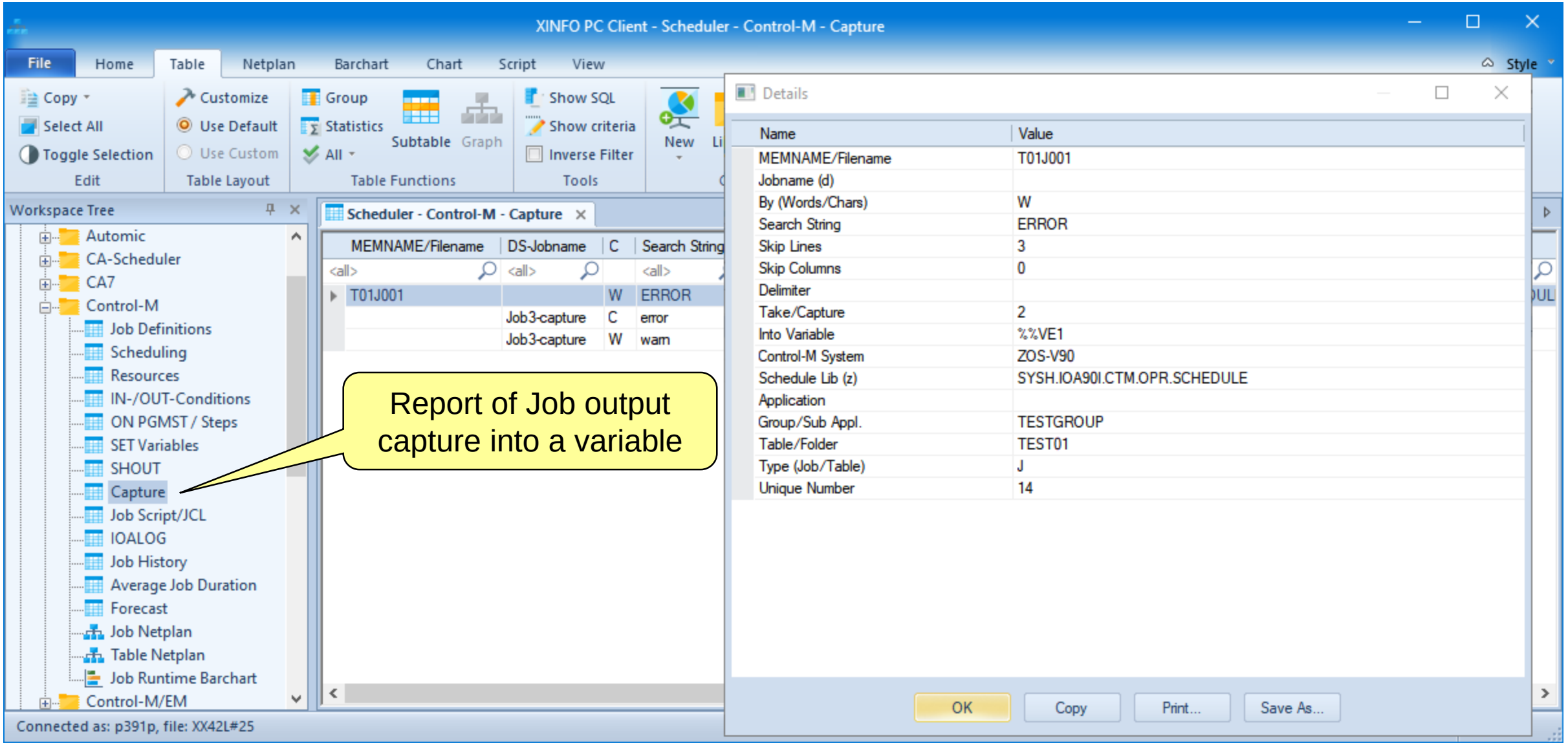
Show load time of table



XINFO 4.2 – PC Client



XINFO 4.2 – Control-M Scanner



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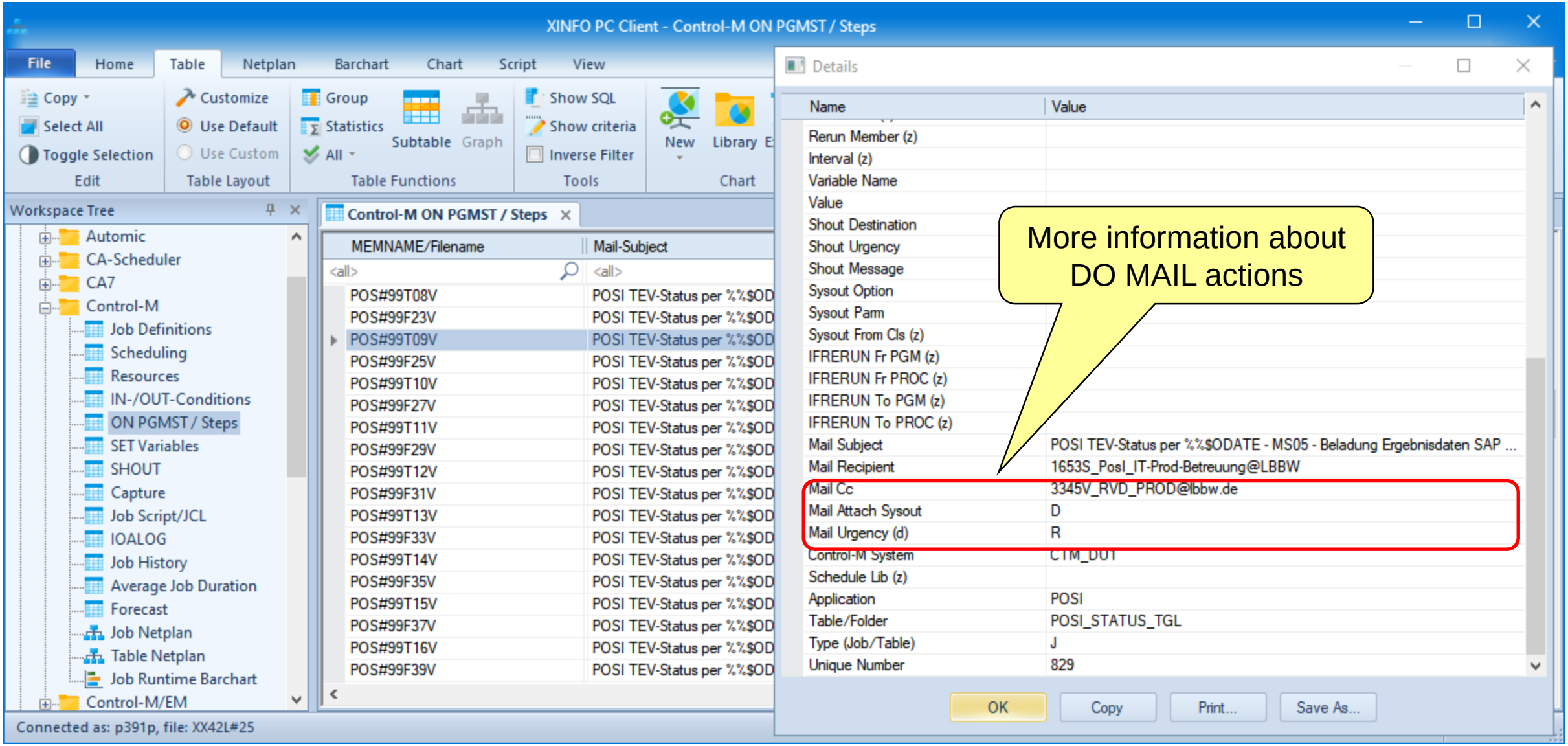
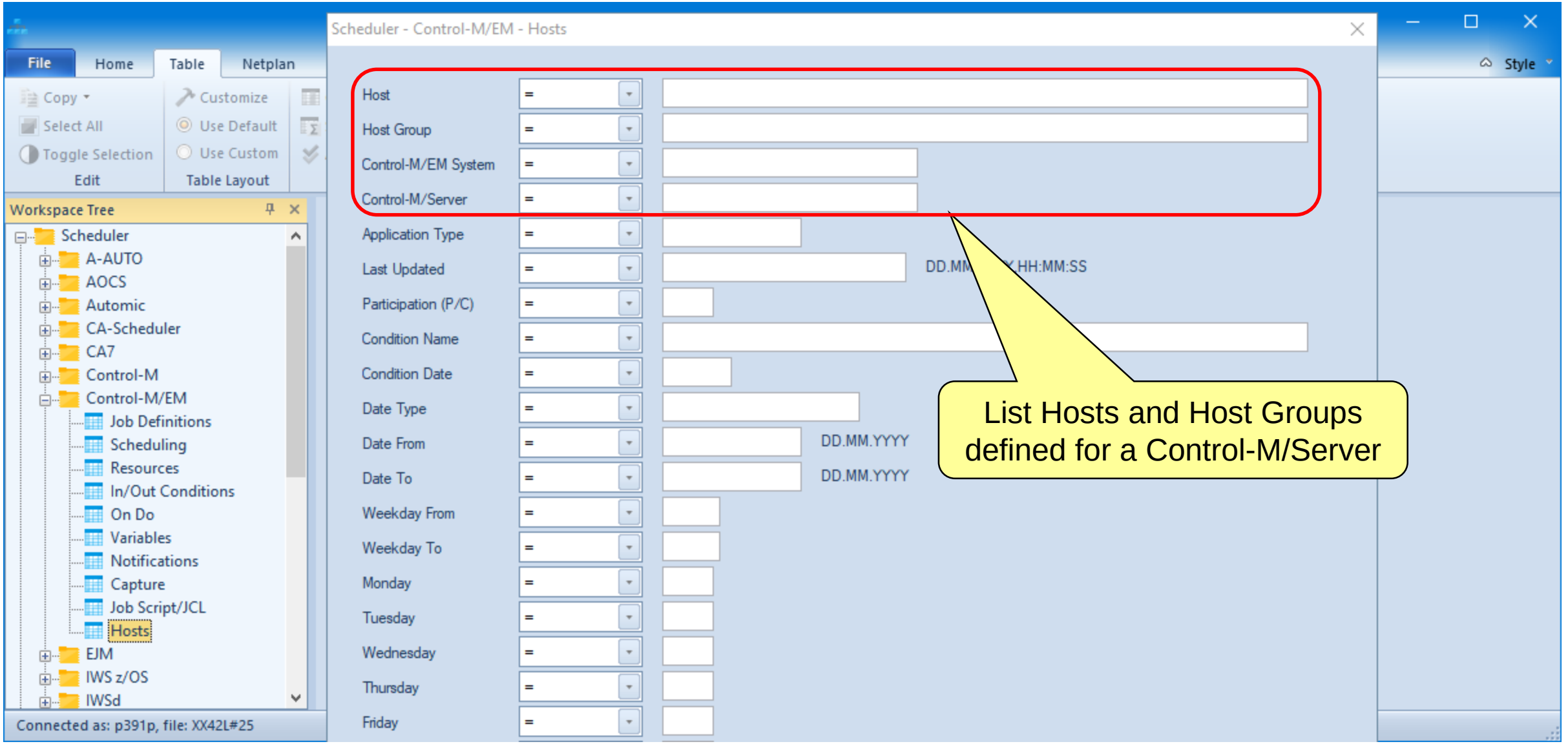
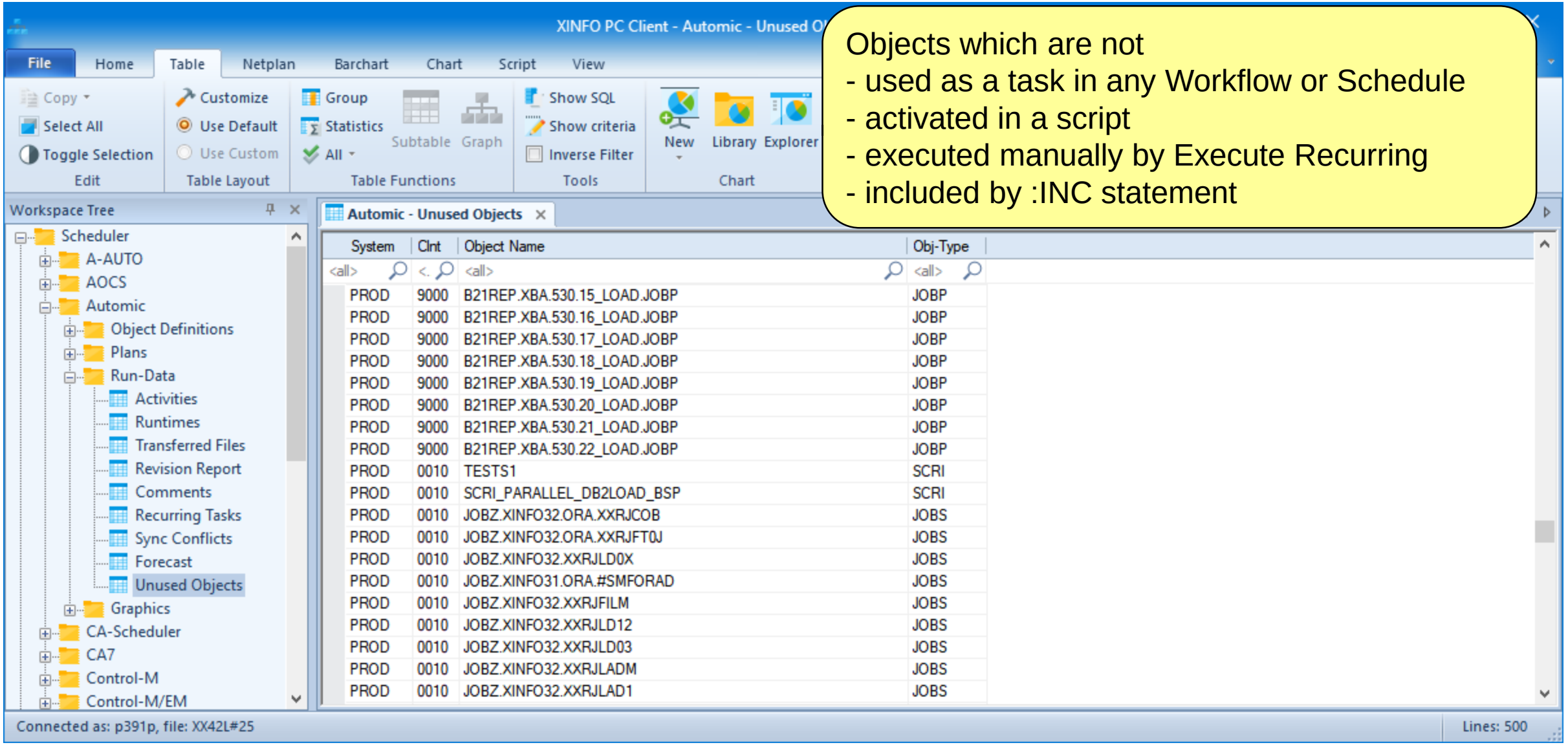


XINFO 4.2 – Control-M Scanner

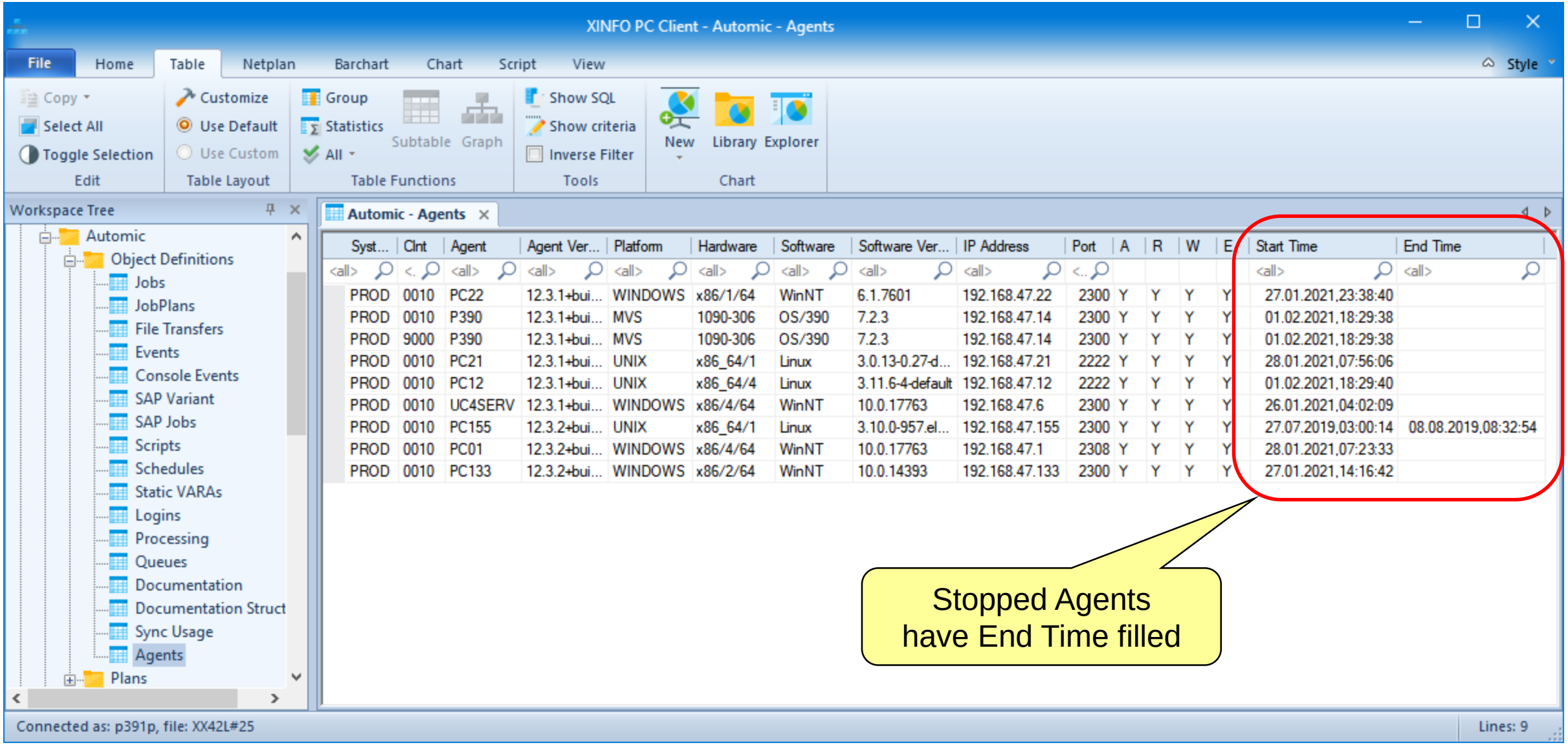


XINFO 4.2 – Automic Scanner

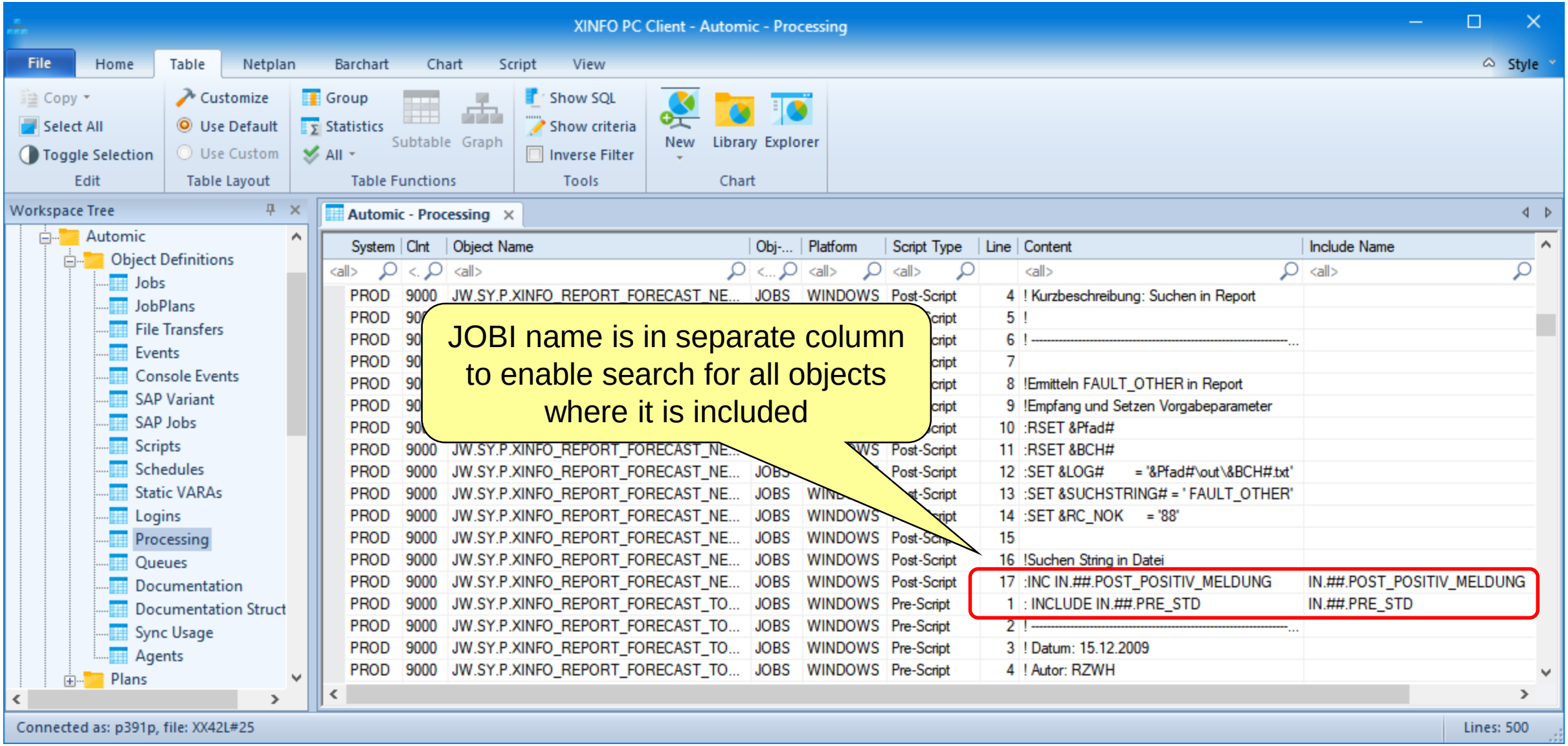


Objects which are not
- used as a task in any Workflow or Schedule
- activated in a script
- executed manually by Execute Recurring
- included by :INC statement

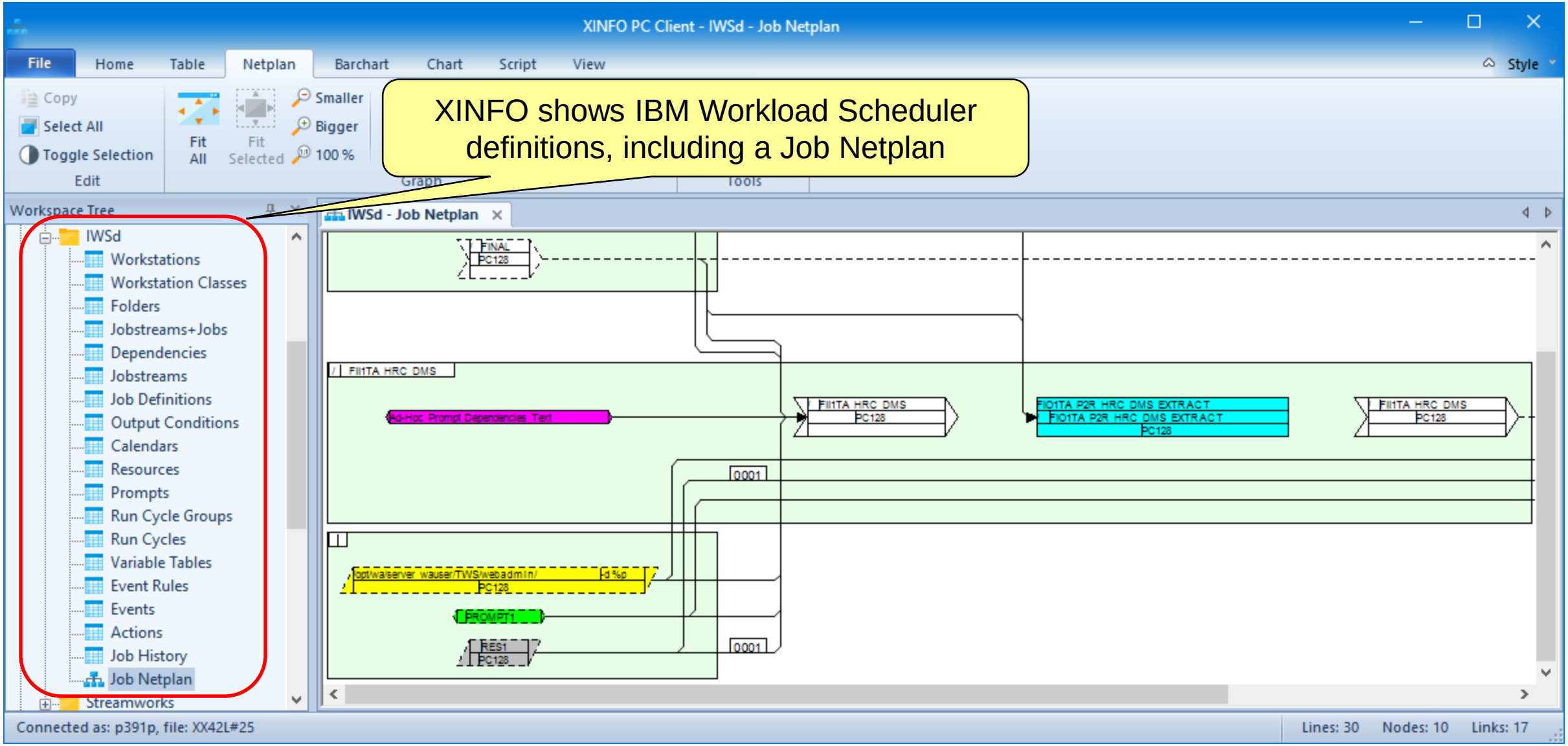
XINFO 4.2 – Automic Scanner



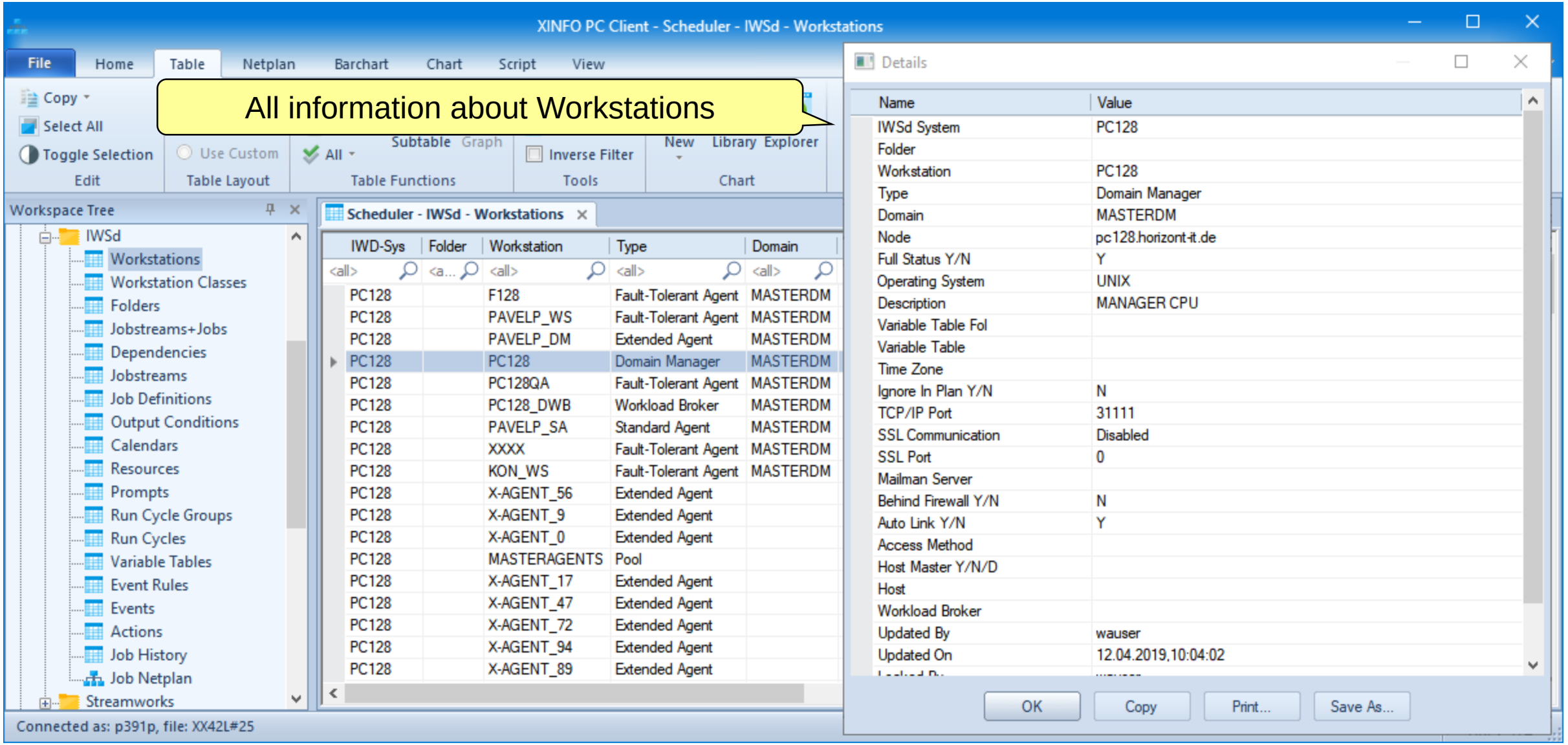
XINFO 4.2 – Automic Scanner



XINFO 4.2 – IWSd Scanner



XINFO 4.2 – IWSd Scanner



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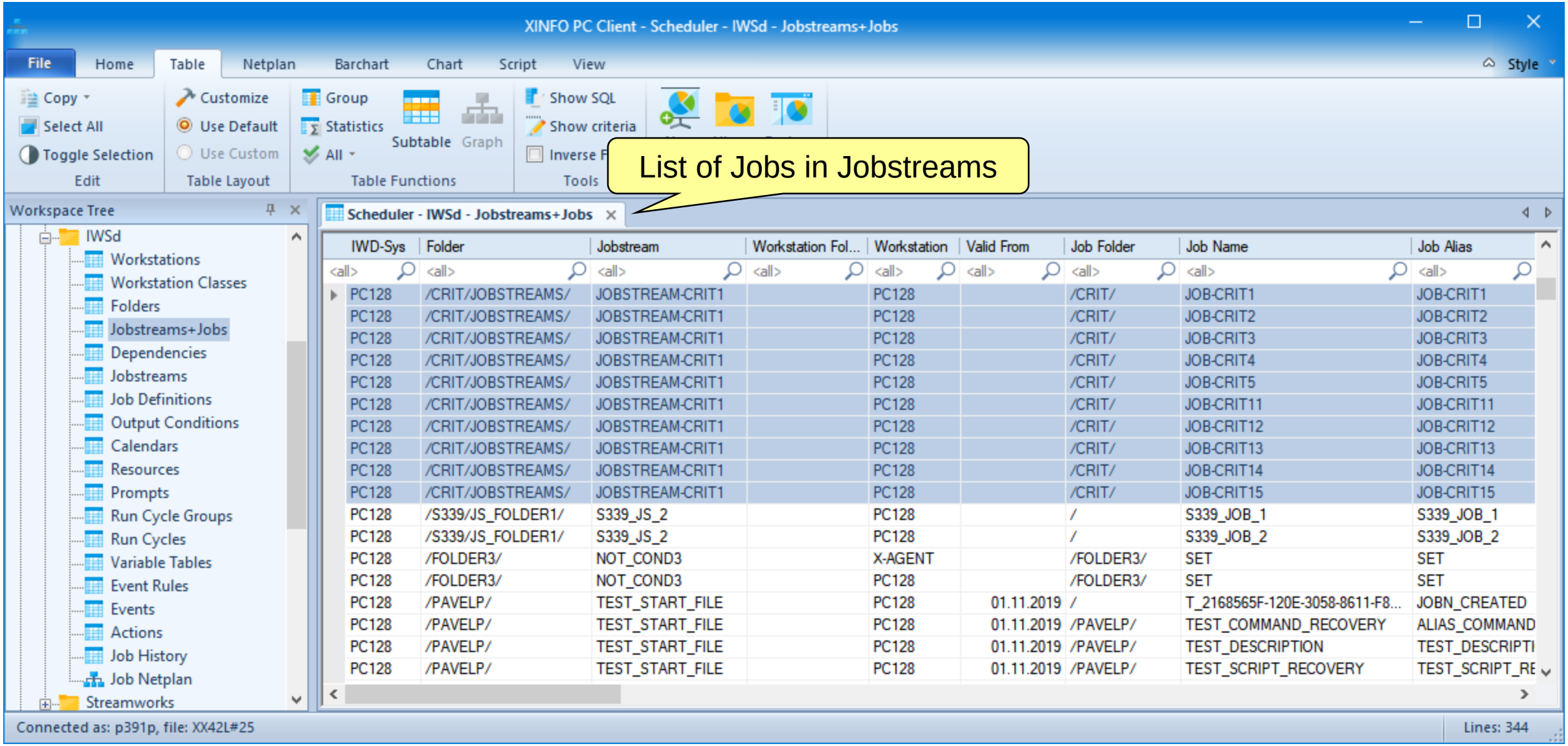

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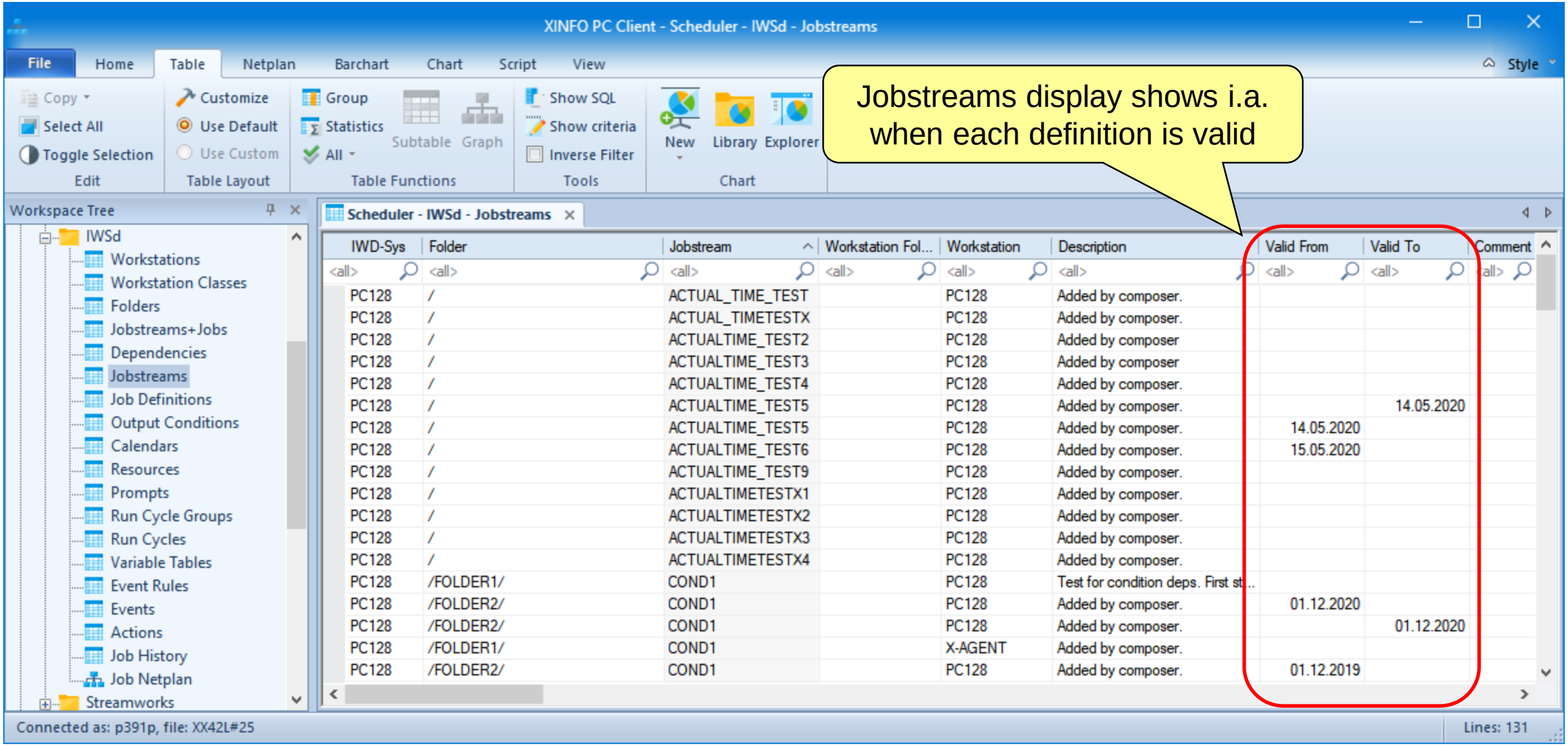

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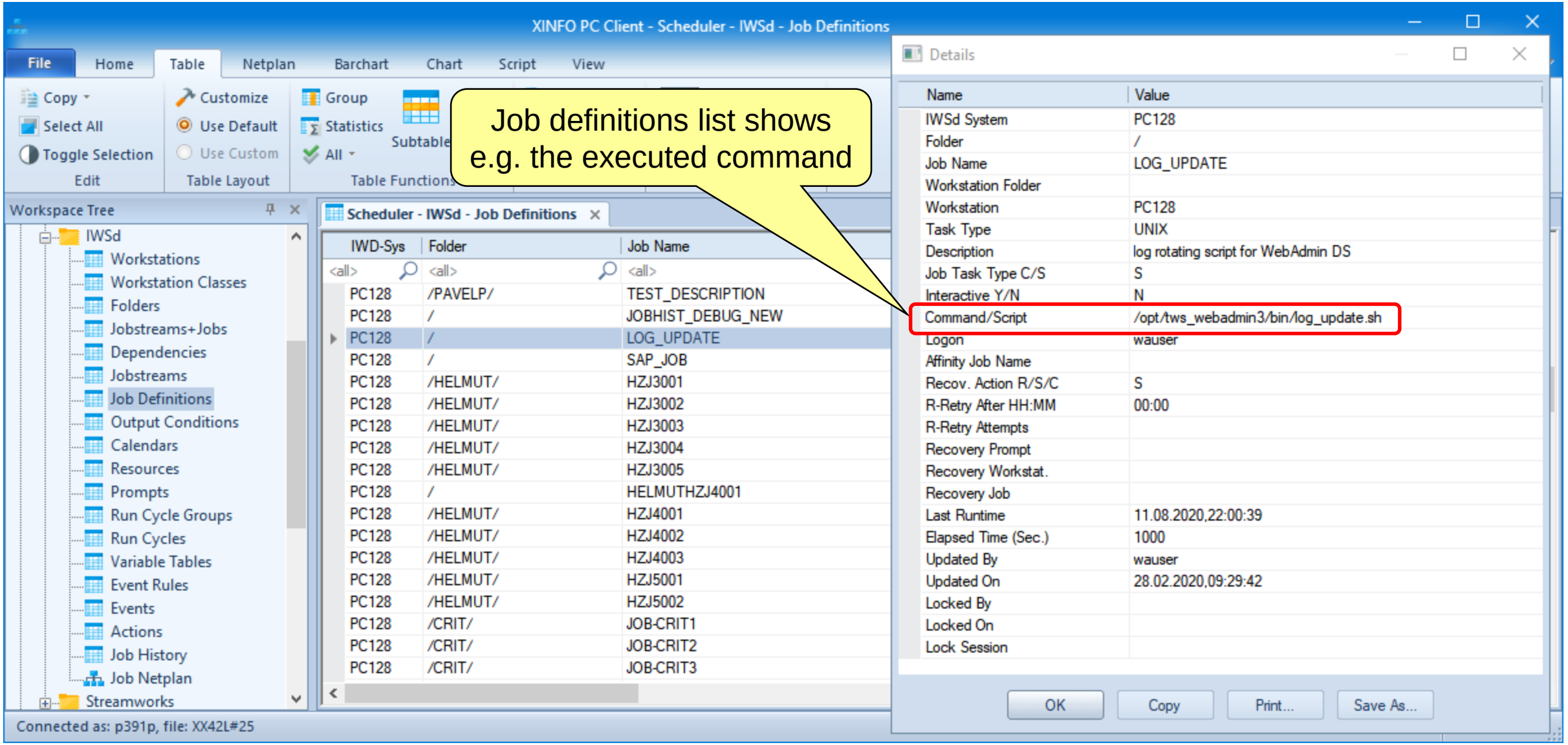
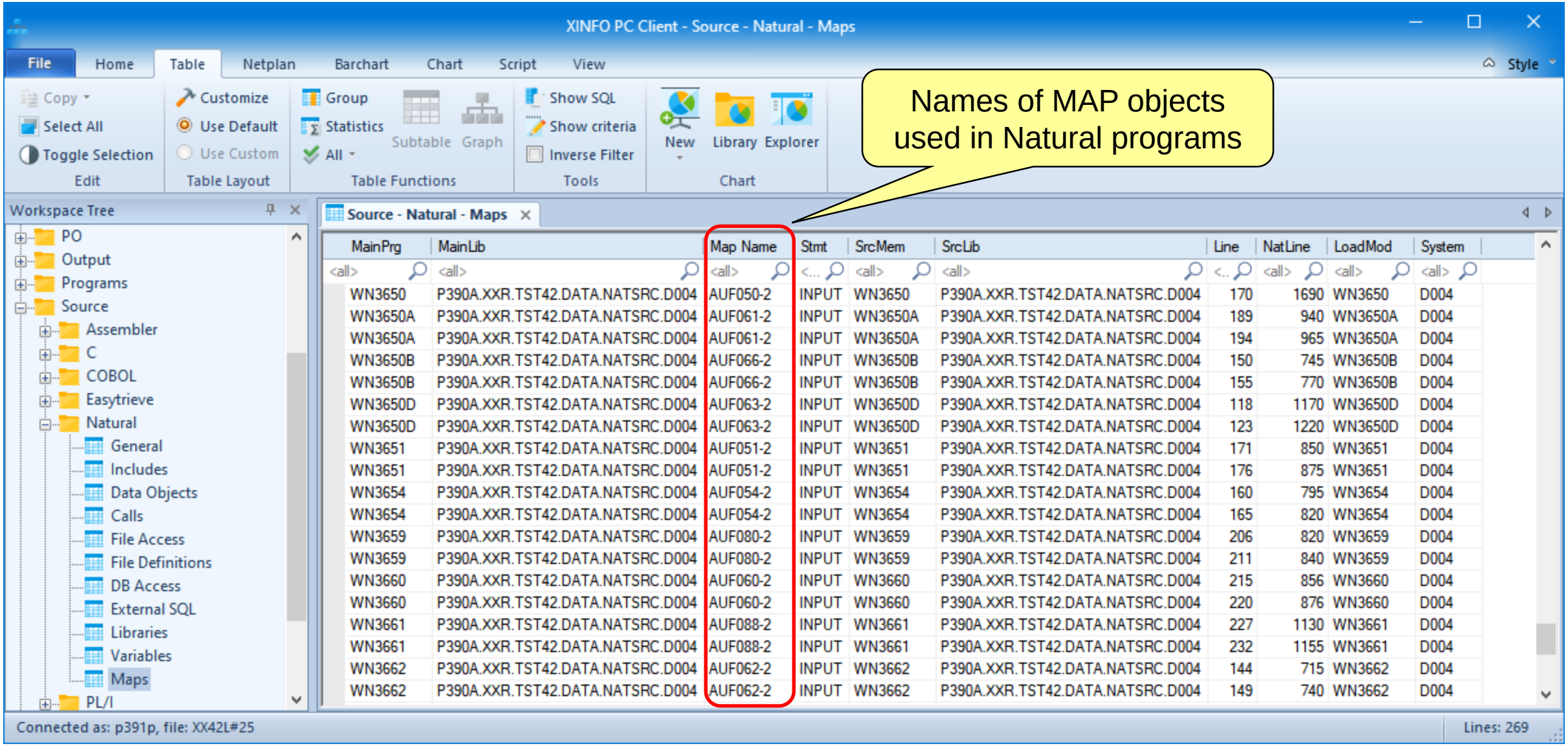
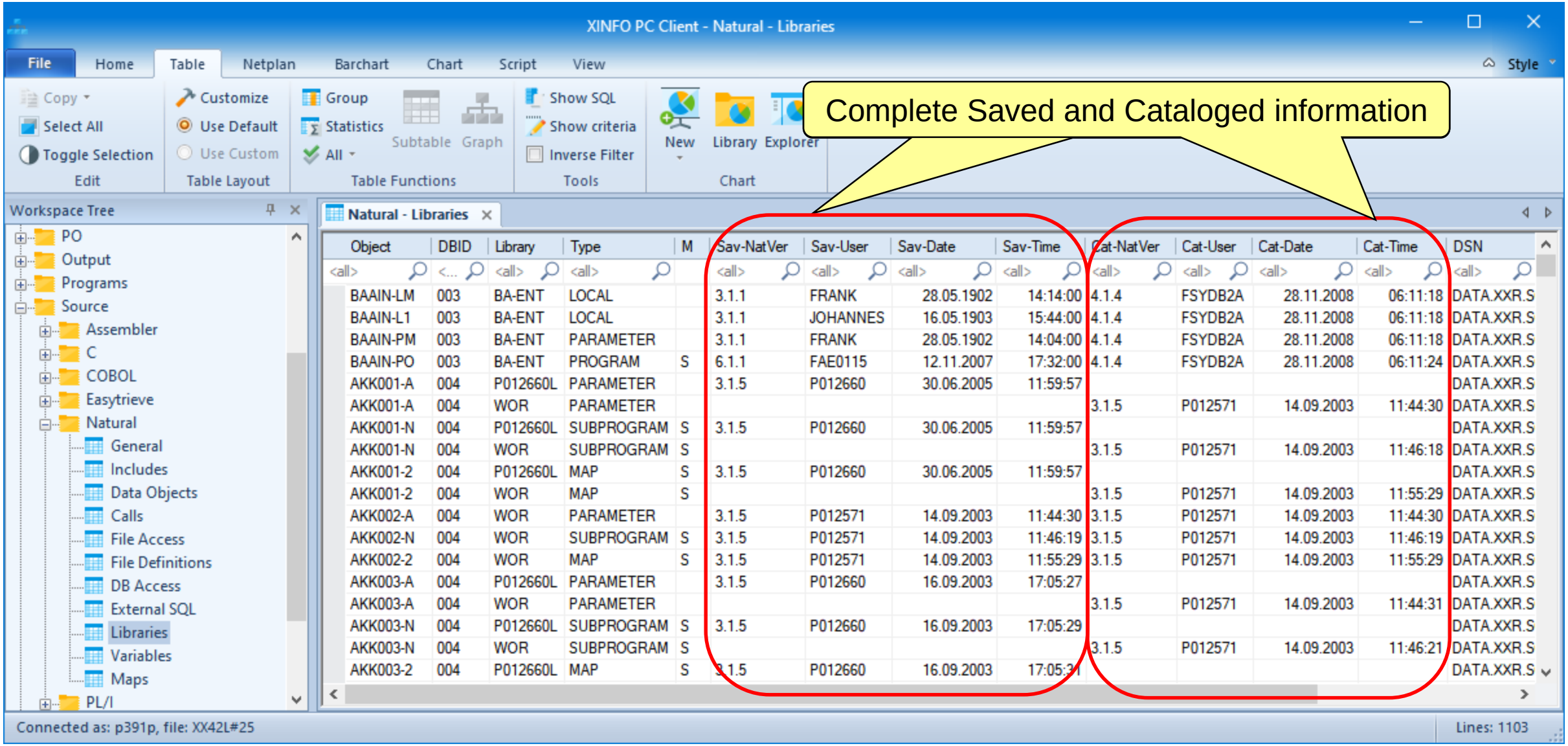


XINFO 4.2 – Natural Scanner



XINFO 4.2 – Natural Scanner



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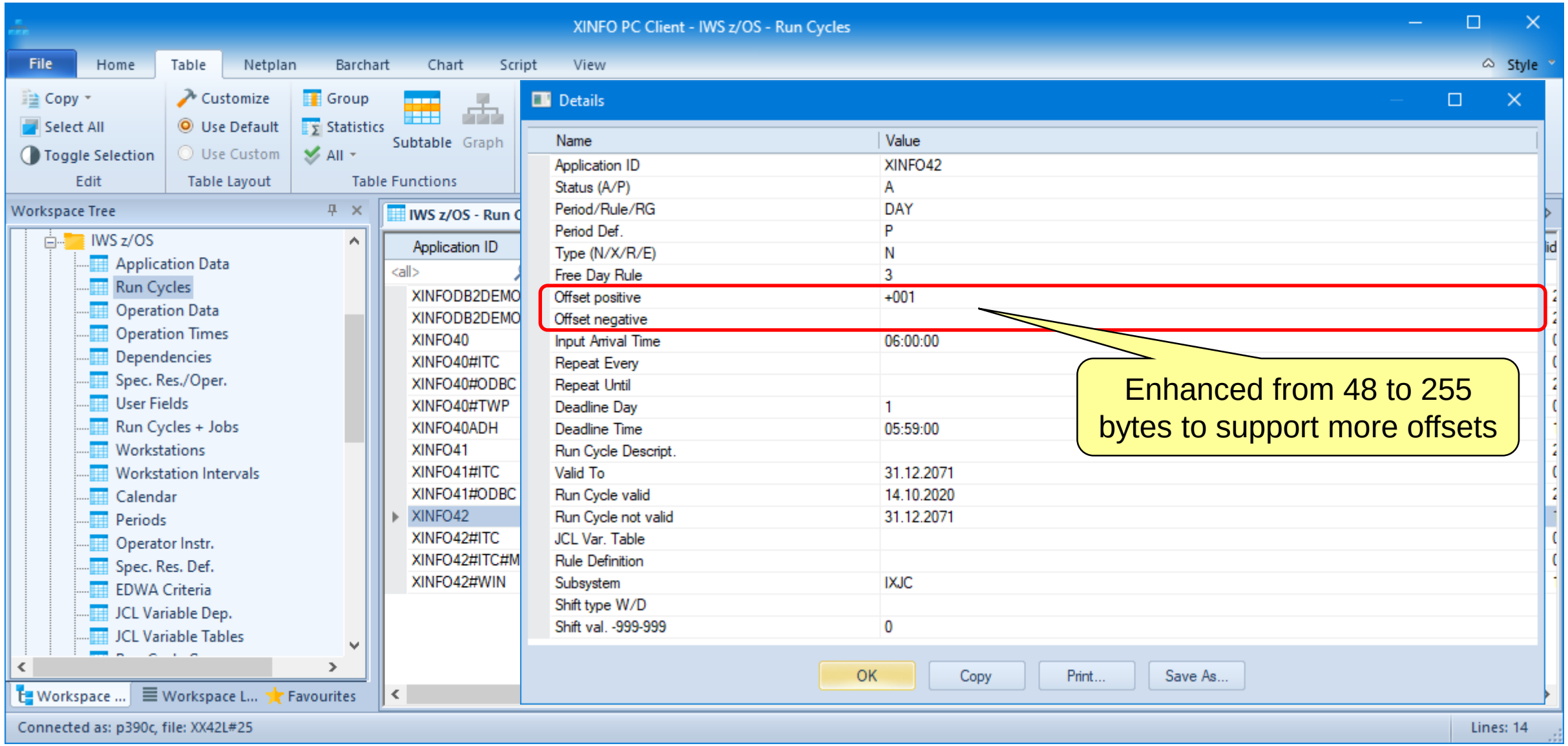

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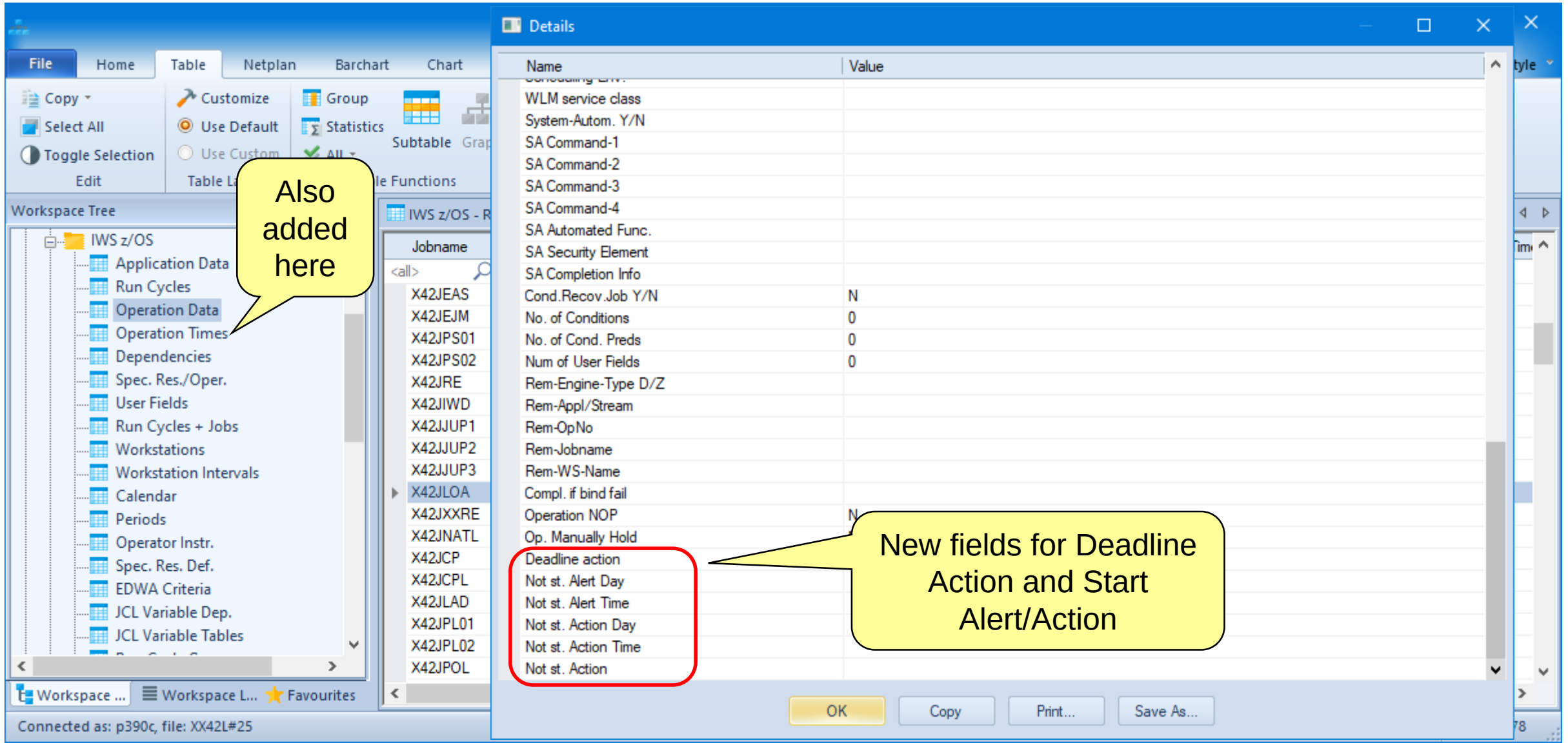

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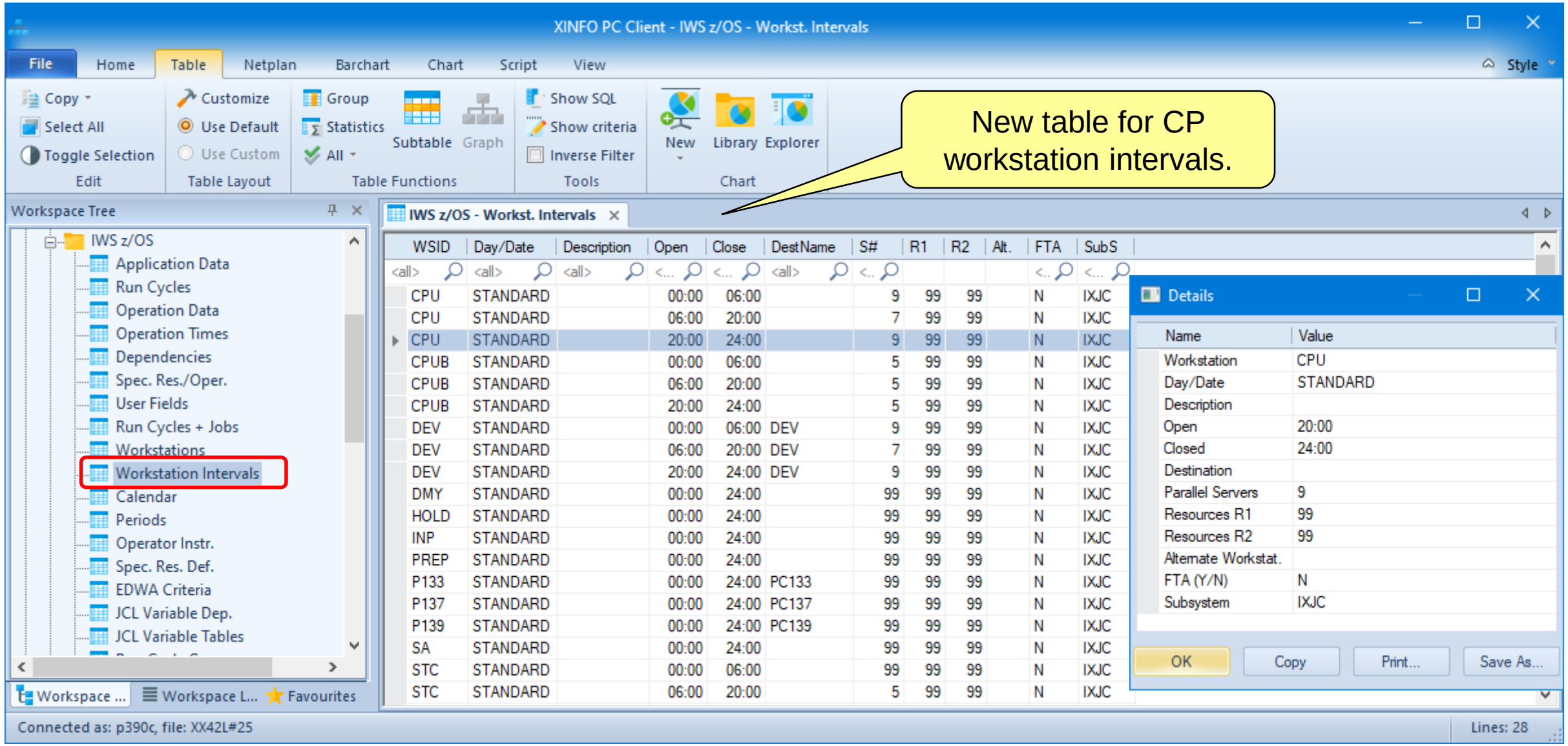

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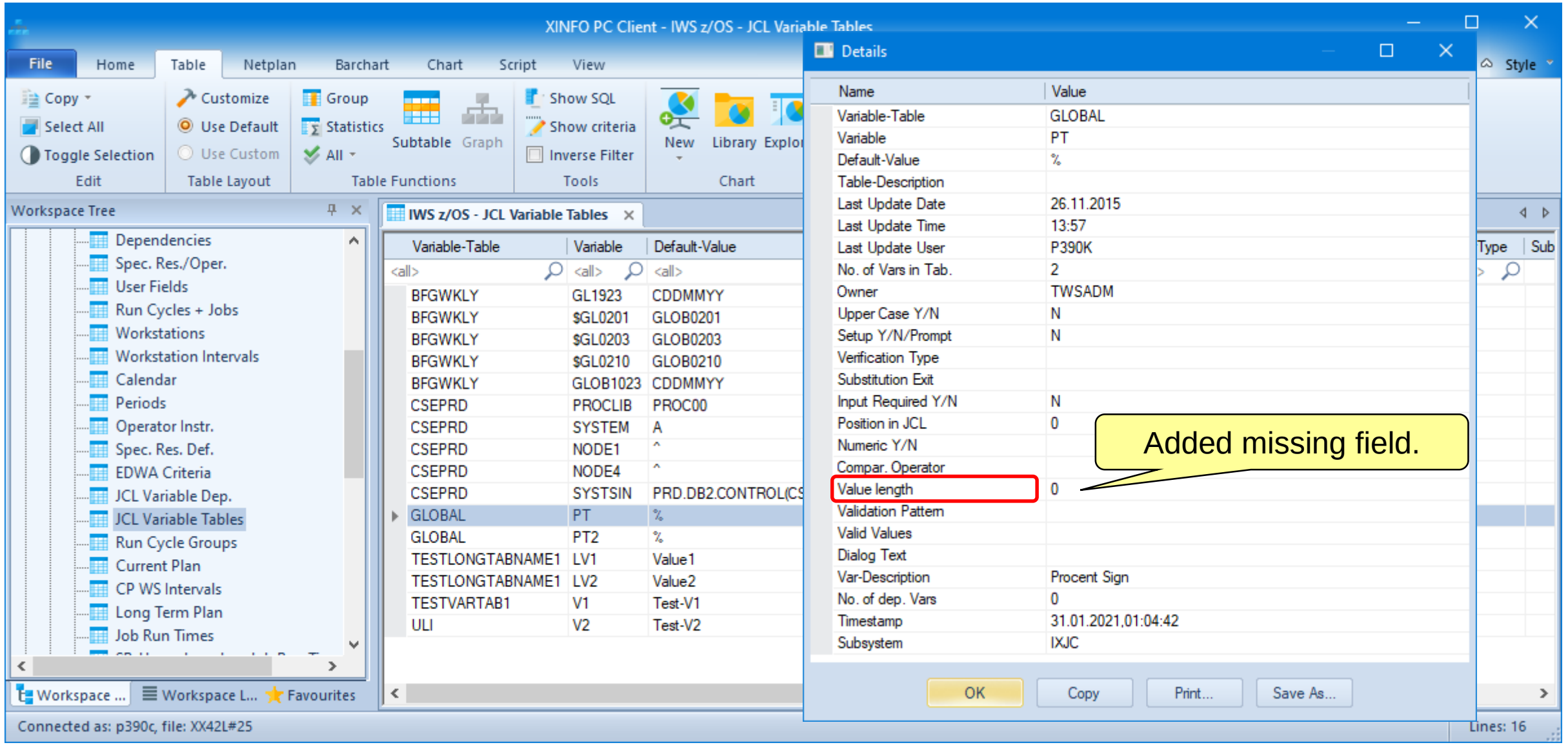

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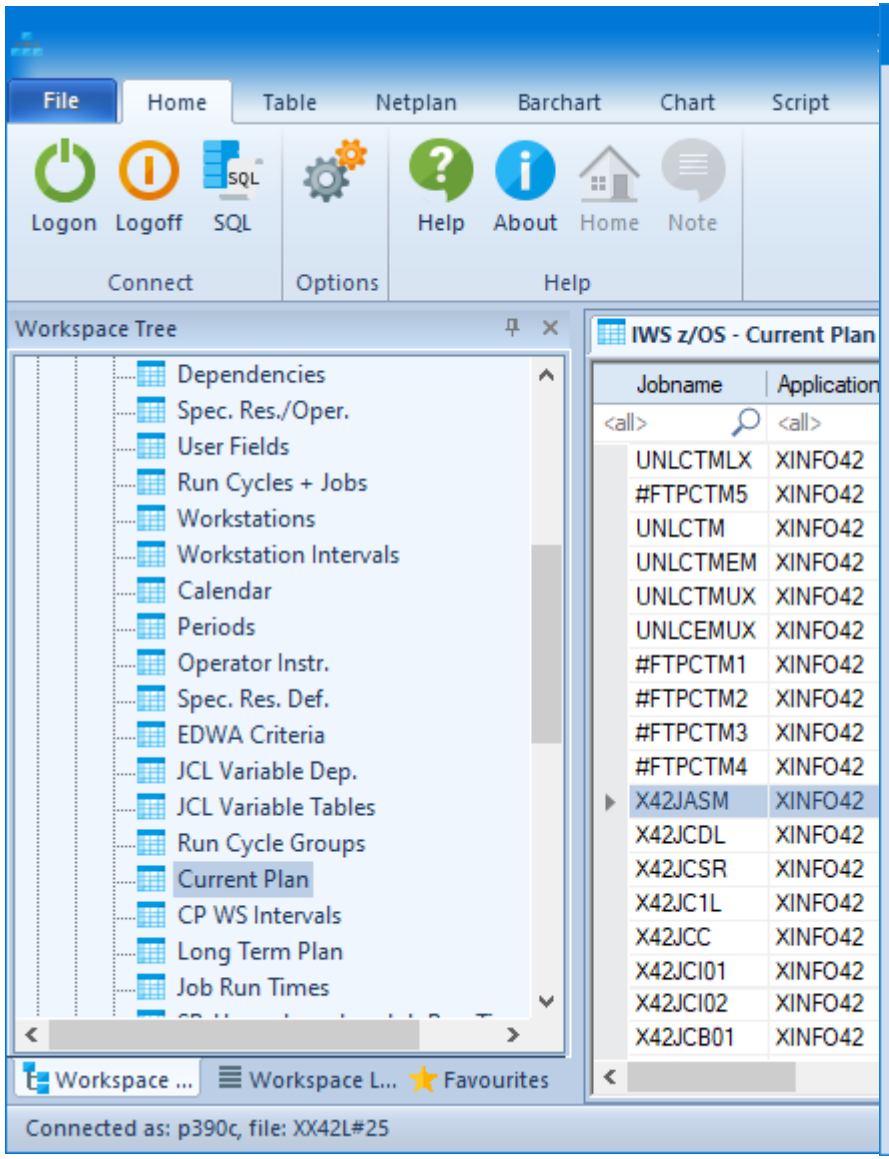
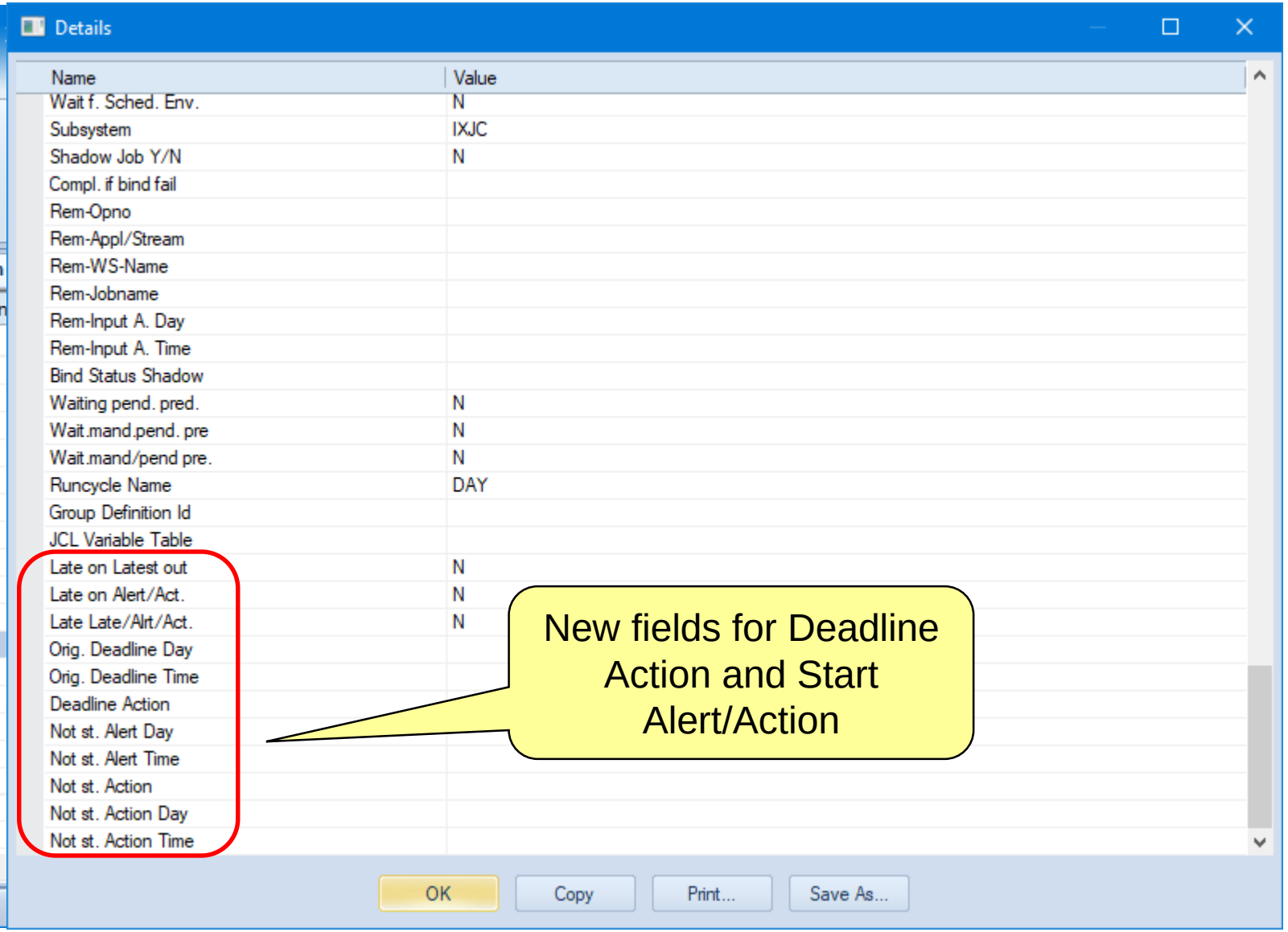
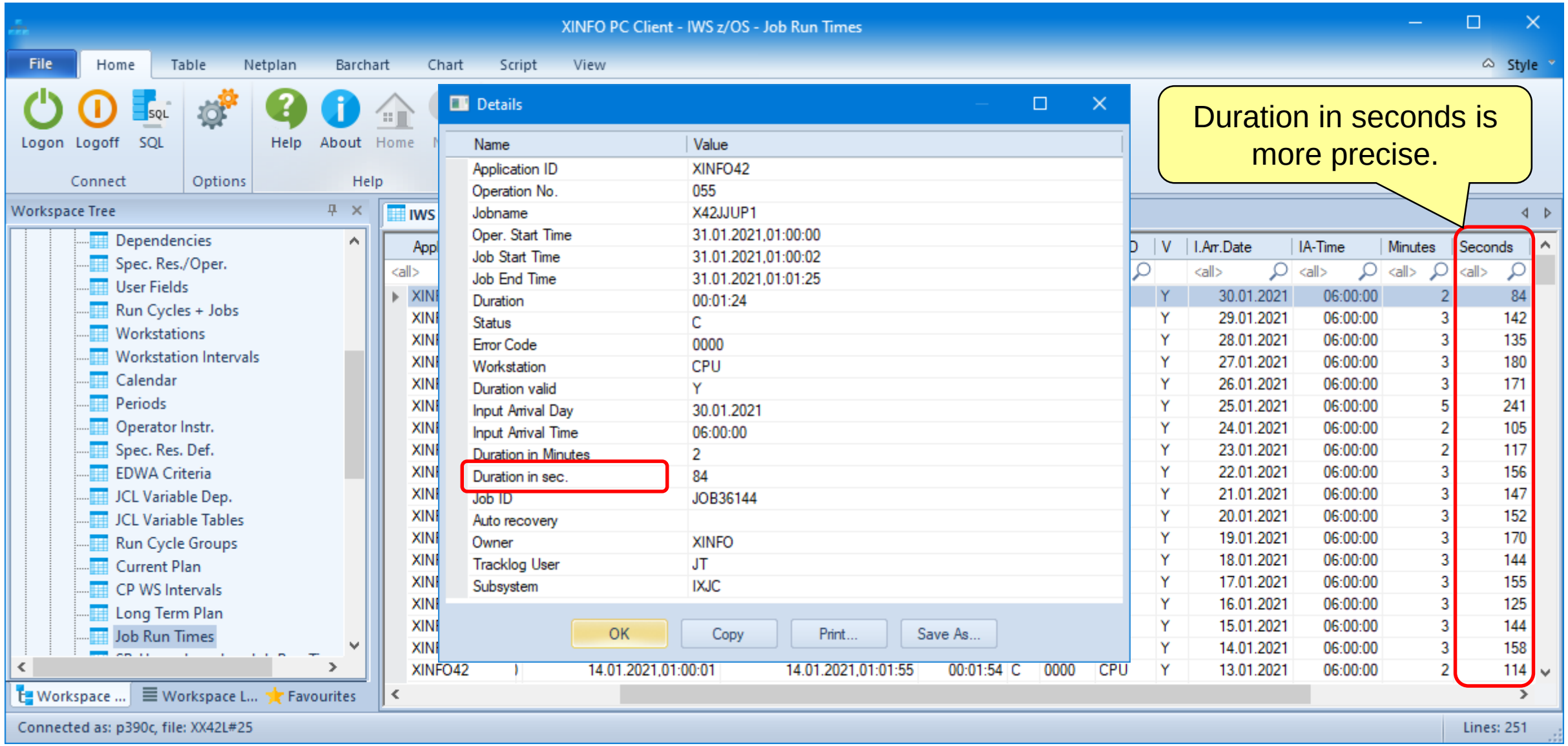
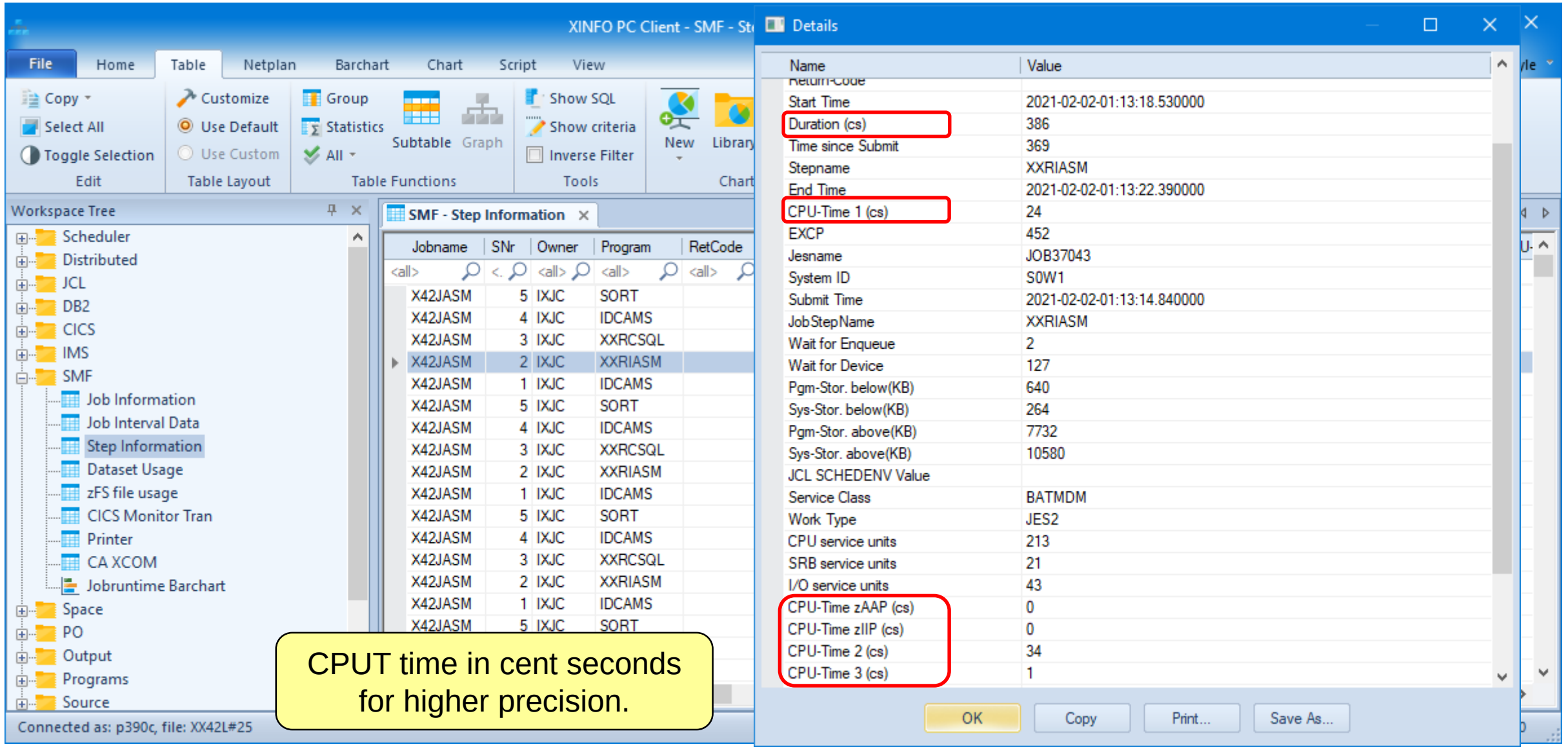




XINFO 4.2 – IWS Scanner



XINFO 4.2 – SMF Scanner



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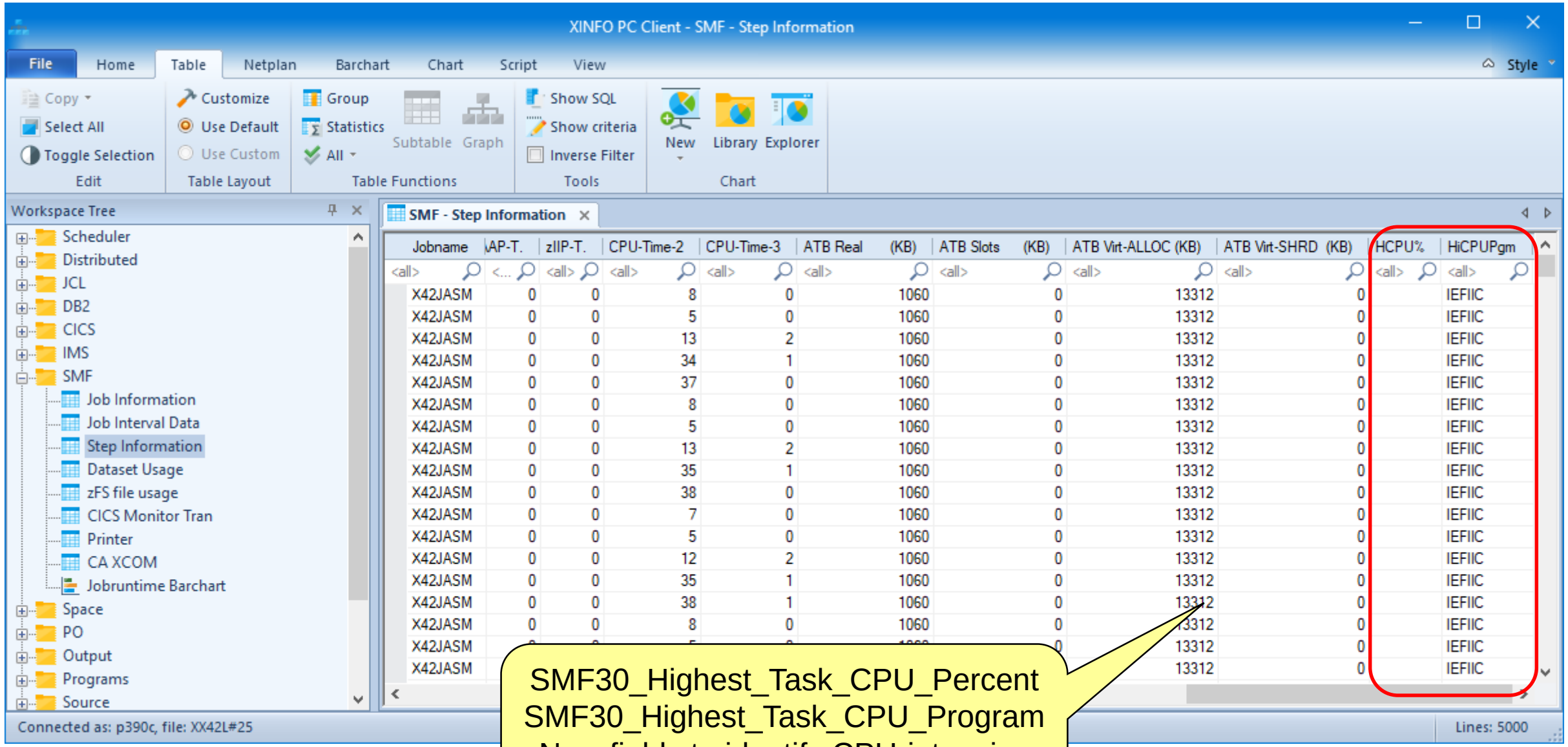
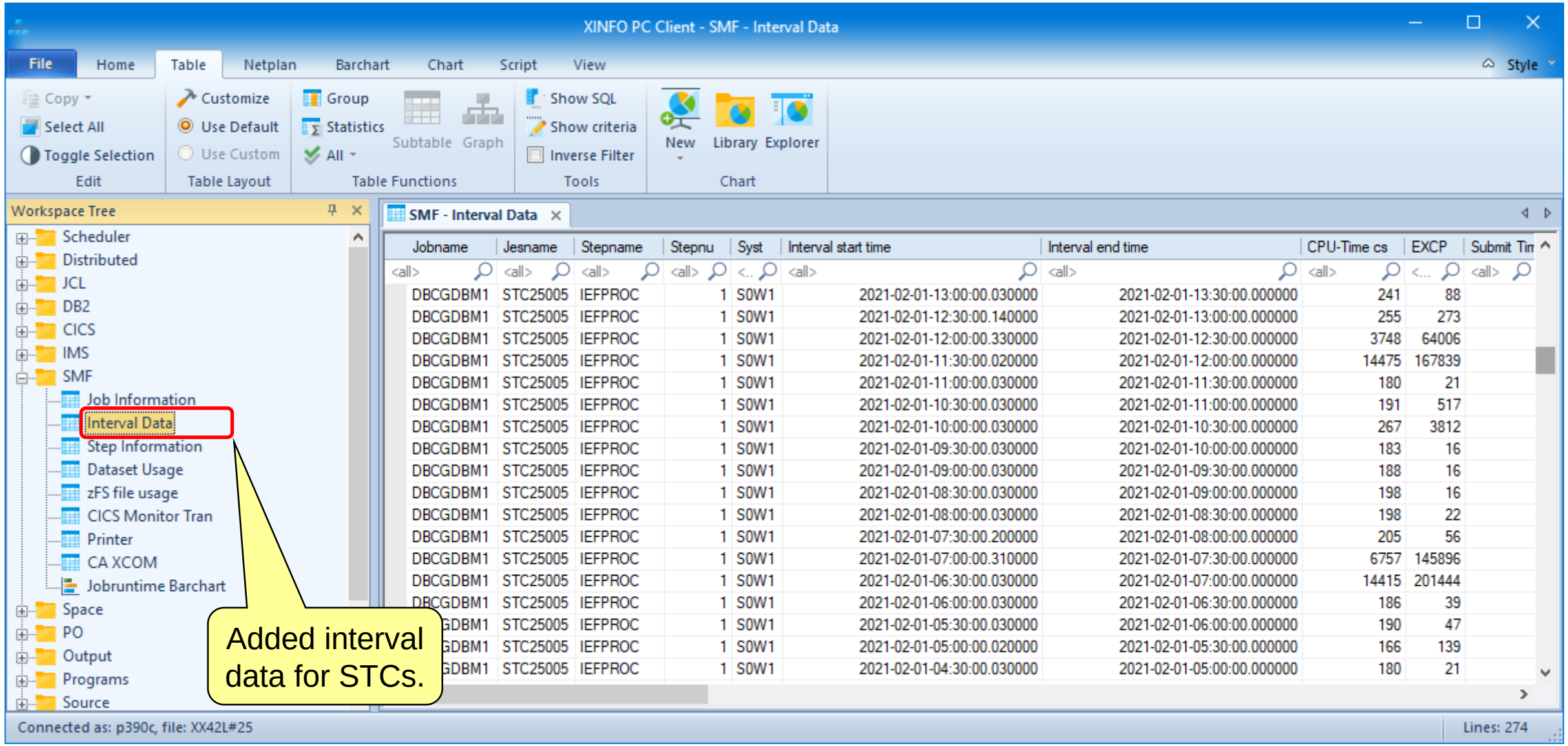
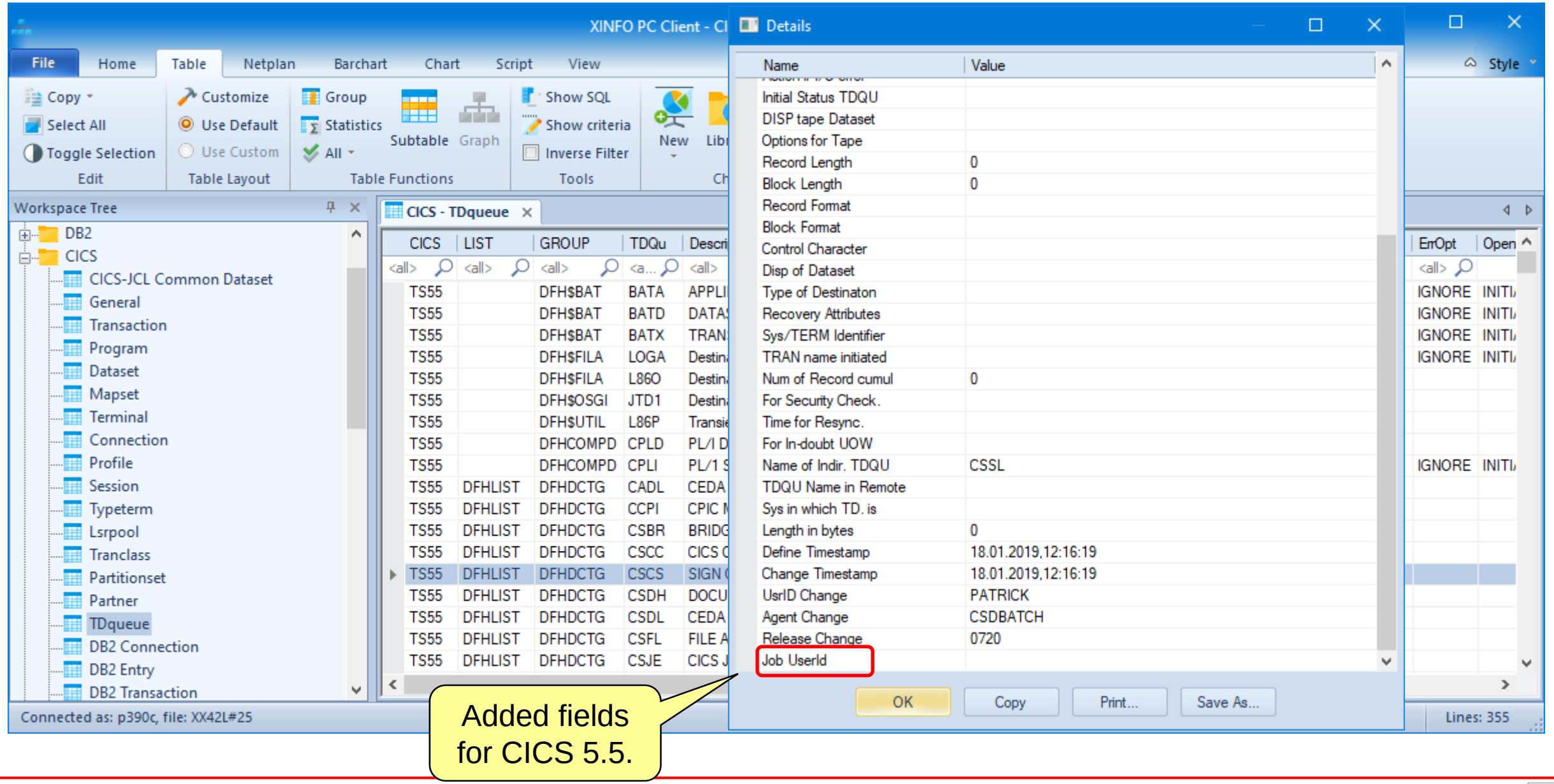


SMF30_Highest_Task_CPU_Percent
SMF30_Highest_Task_CPU_Program
New fields to identify CPU-intensive tasks.

XINFO 4.2 – SMF Scanner

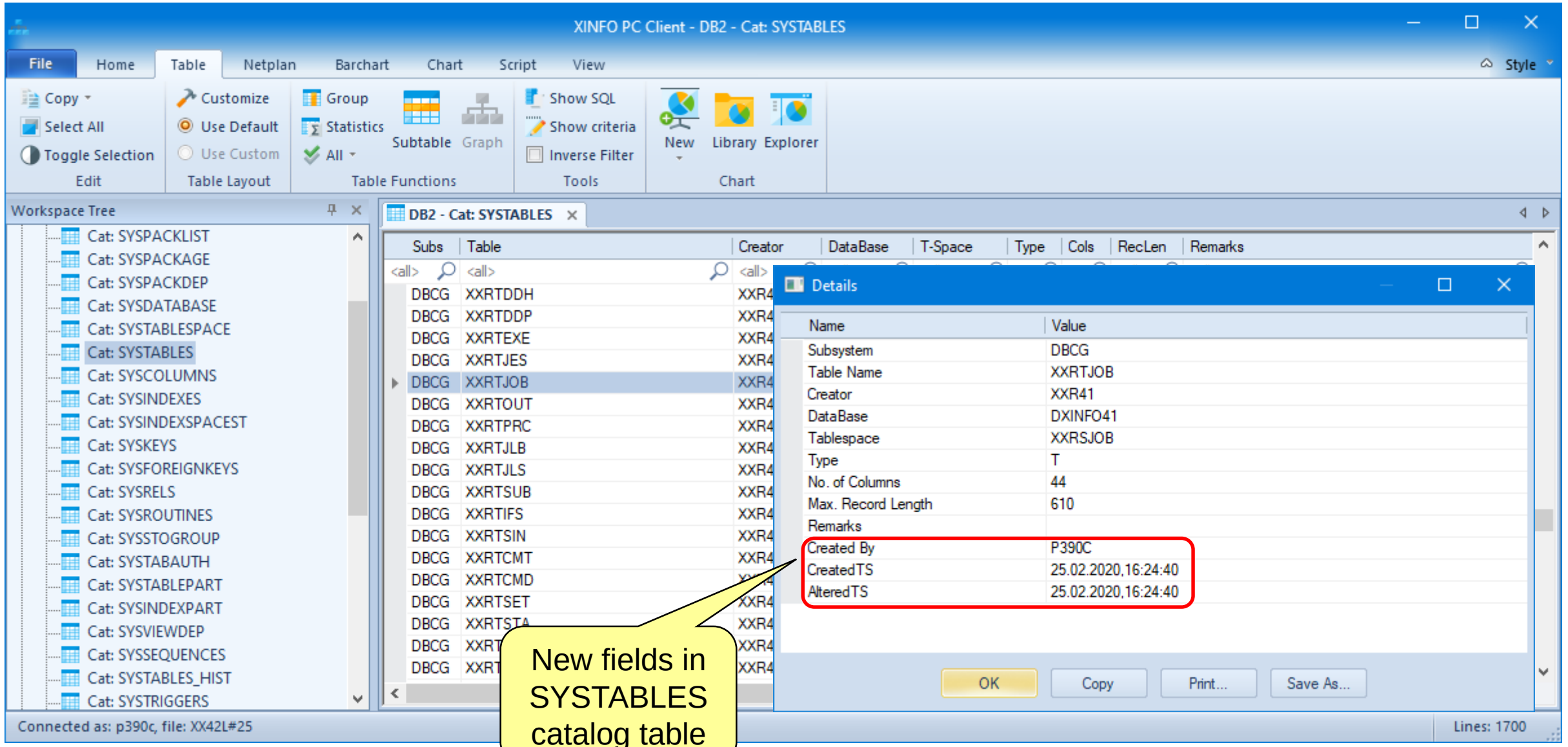


XINFO 4.2 – CICS Scanner



Added fields for CICS 5.5.

XINFO 4.2 – DB2 Scanner



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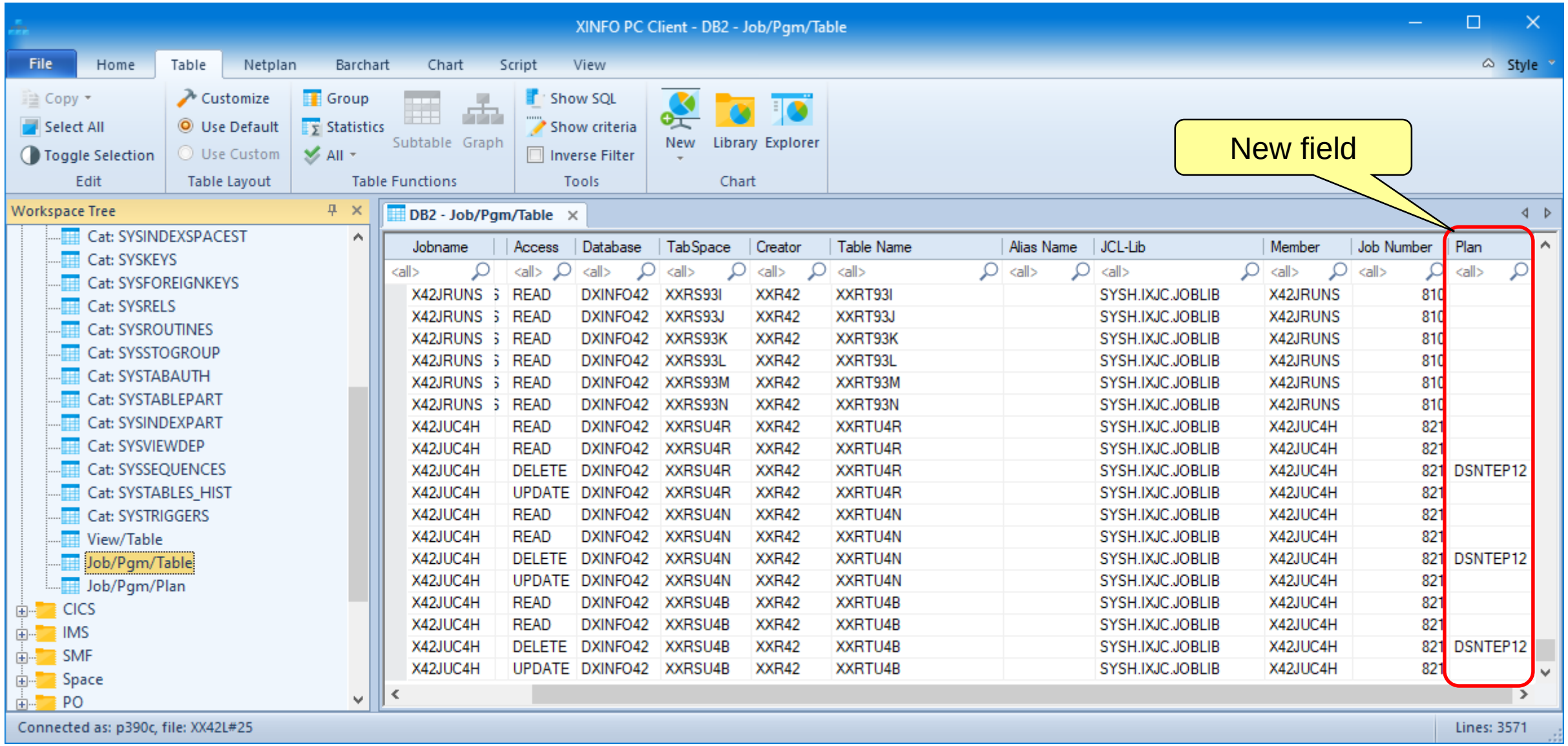
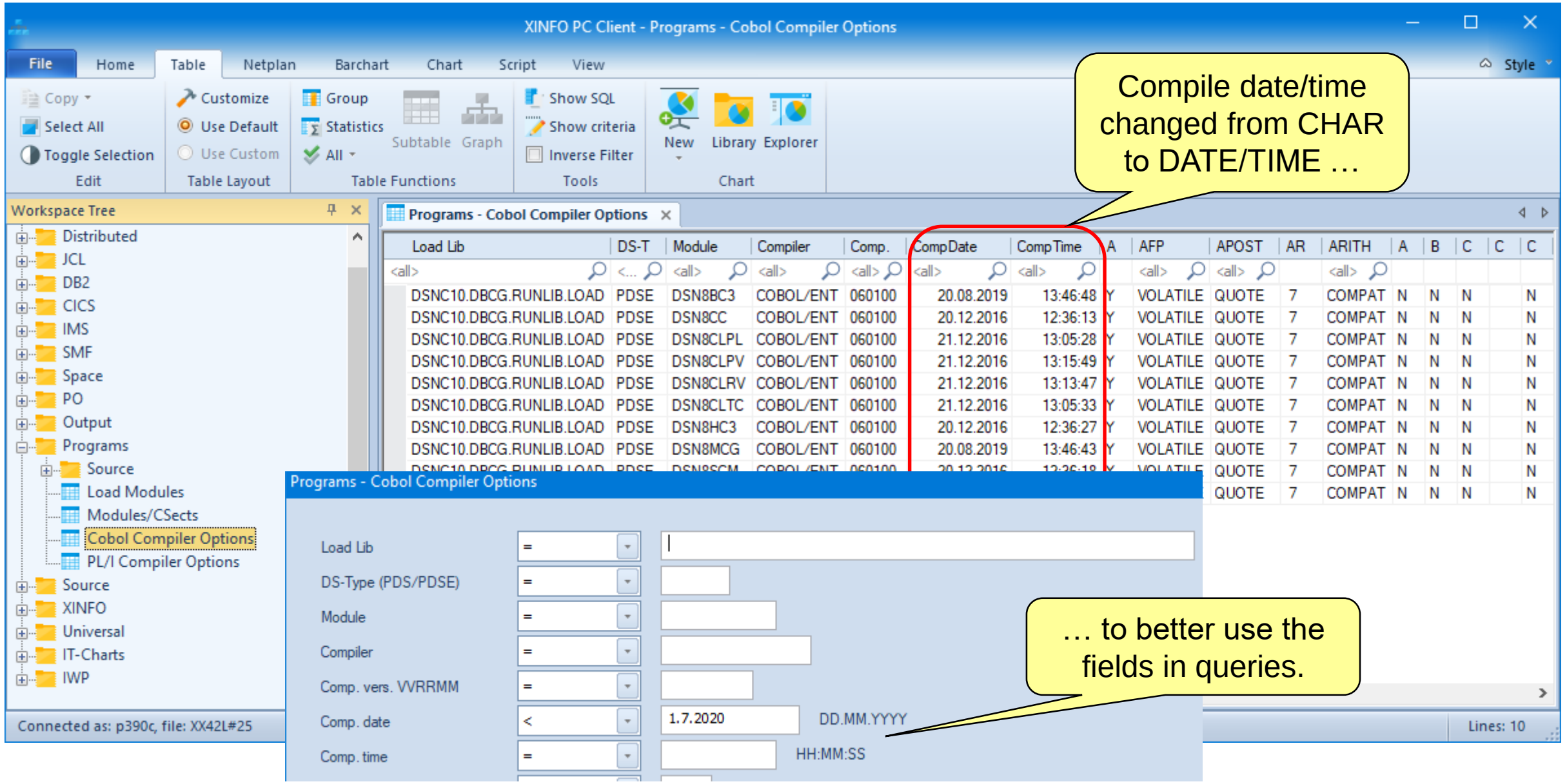
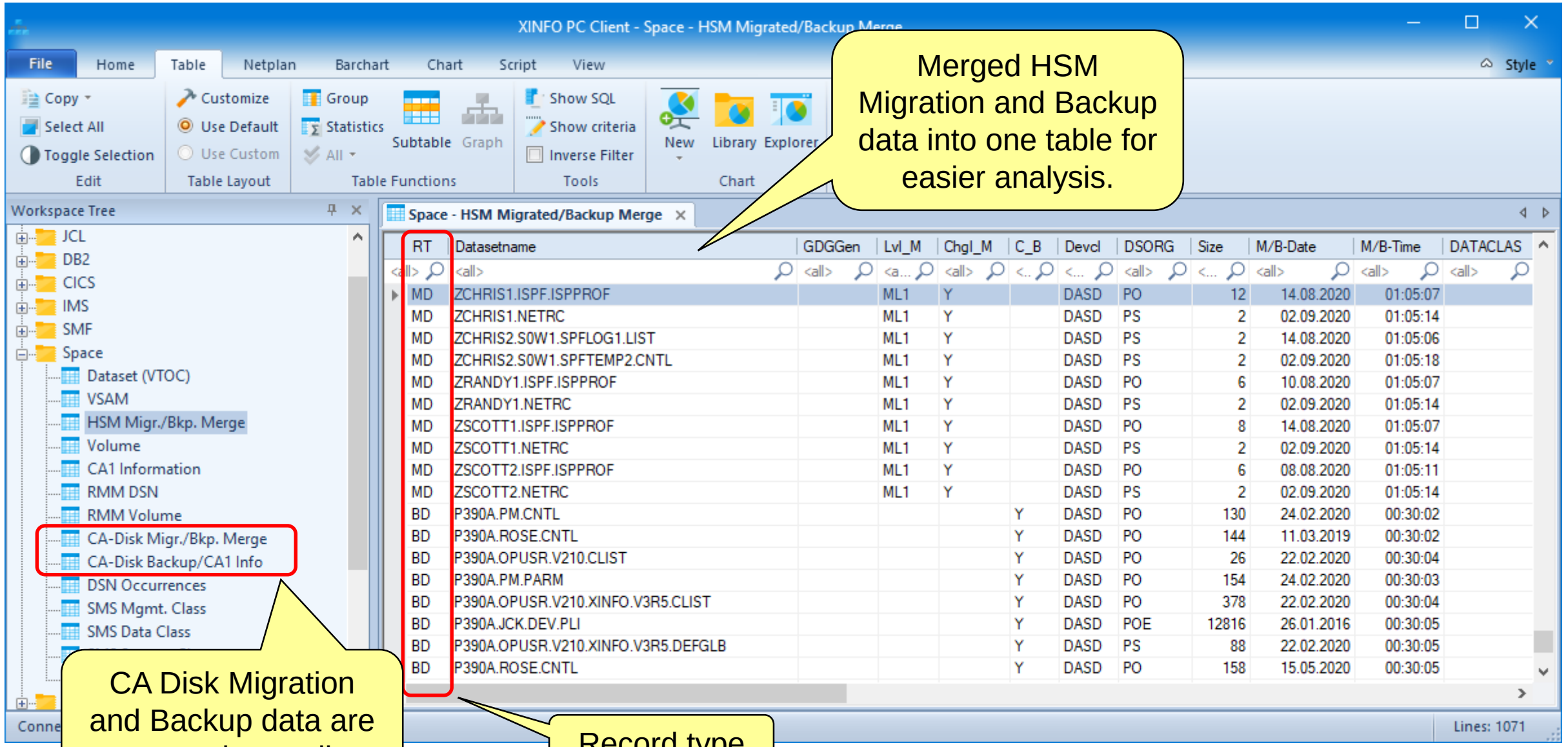


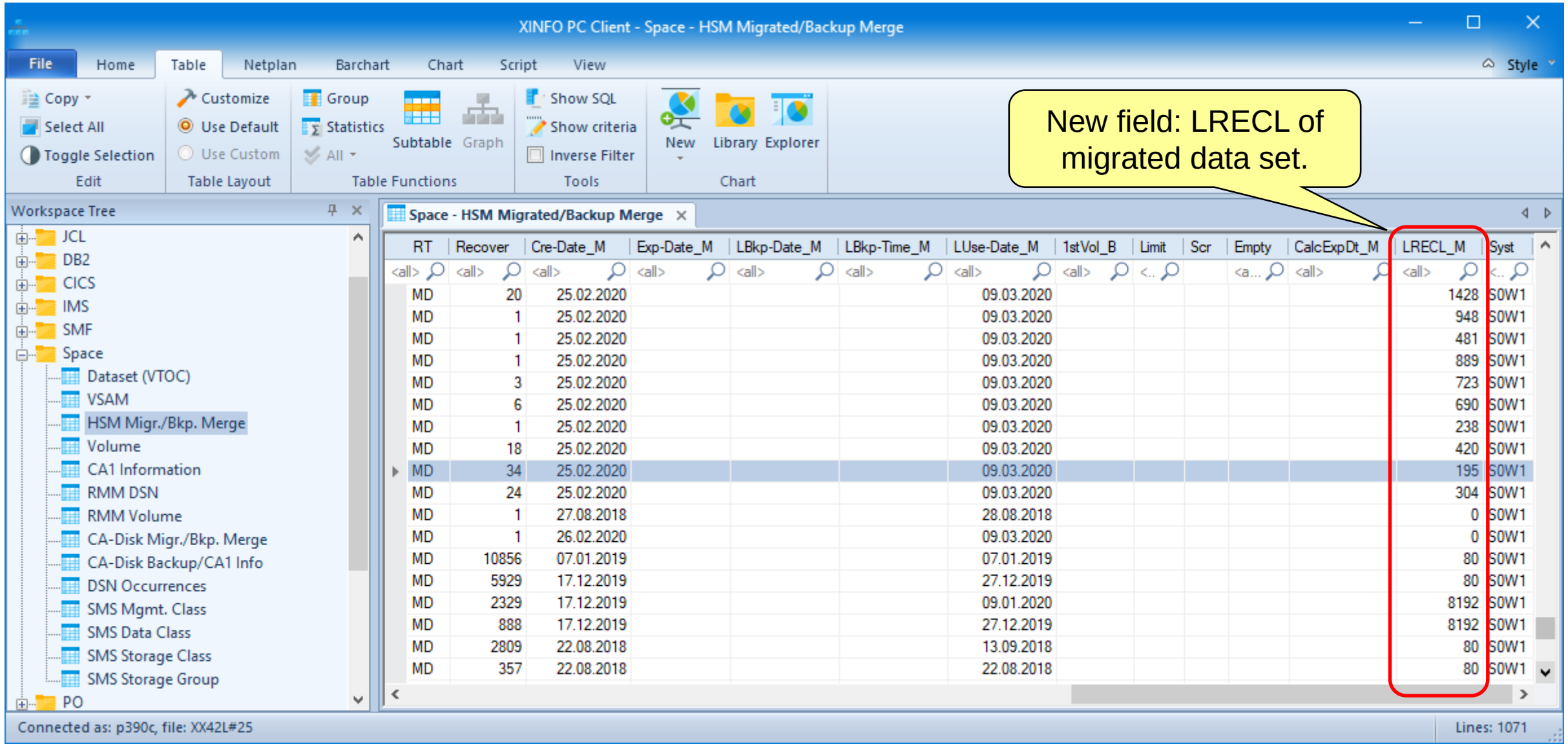
XINFO 4.2 – Load Module Scanner



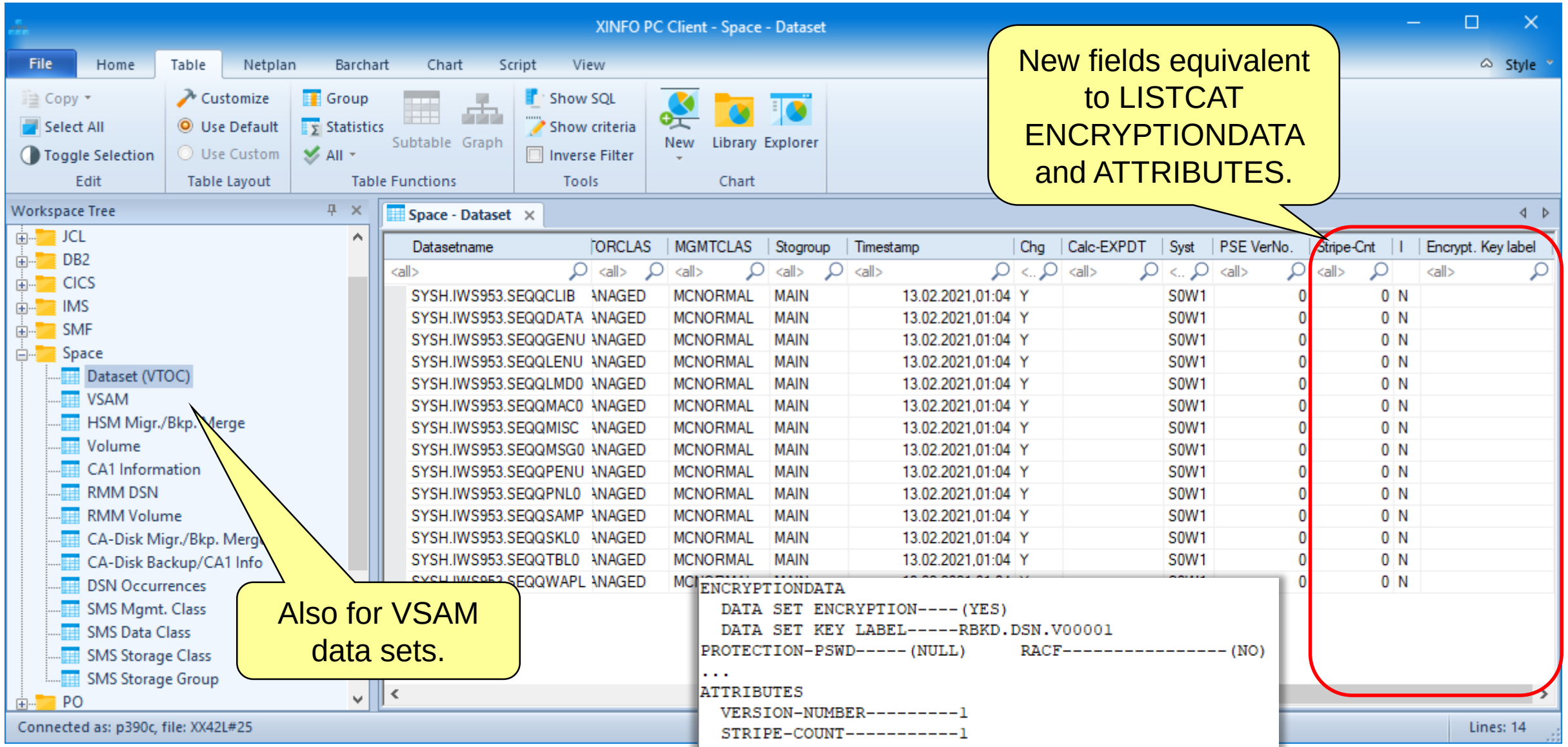
XINFO 4.2 – Space Scanner



XINFO 4.2 – Space Scanner



XINFO 4.2 – Space Scanner



Thank you!