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XINFO – Scanner z/OS - SMF

What is this presentation about?

- This PowerPoint gives you a short overview about XINFO SMF Scanner and how to use it.

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

AGENDA

XINFO – Scanner z/OS - SMF

SMF – You like to know …

Which files where accessed between 01:00 and 02:00?

Which jobs where active at 21:30?

Which programs where active between …?

Which jobs did wait longer than 60 seconds?

Which jobs did wait because of "wait for enqueue"?

Which jobs where cancelled manually?

How often abandoned program XYZ since last month?

XINFO and SMF

- History is taken from SMF dump datasets

- SMF based job runtimes

- Program runtimes, EXPC, CPU usage, etc.

- File access

  - When?

  - How?

  - Who?

SMF - Displays
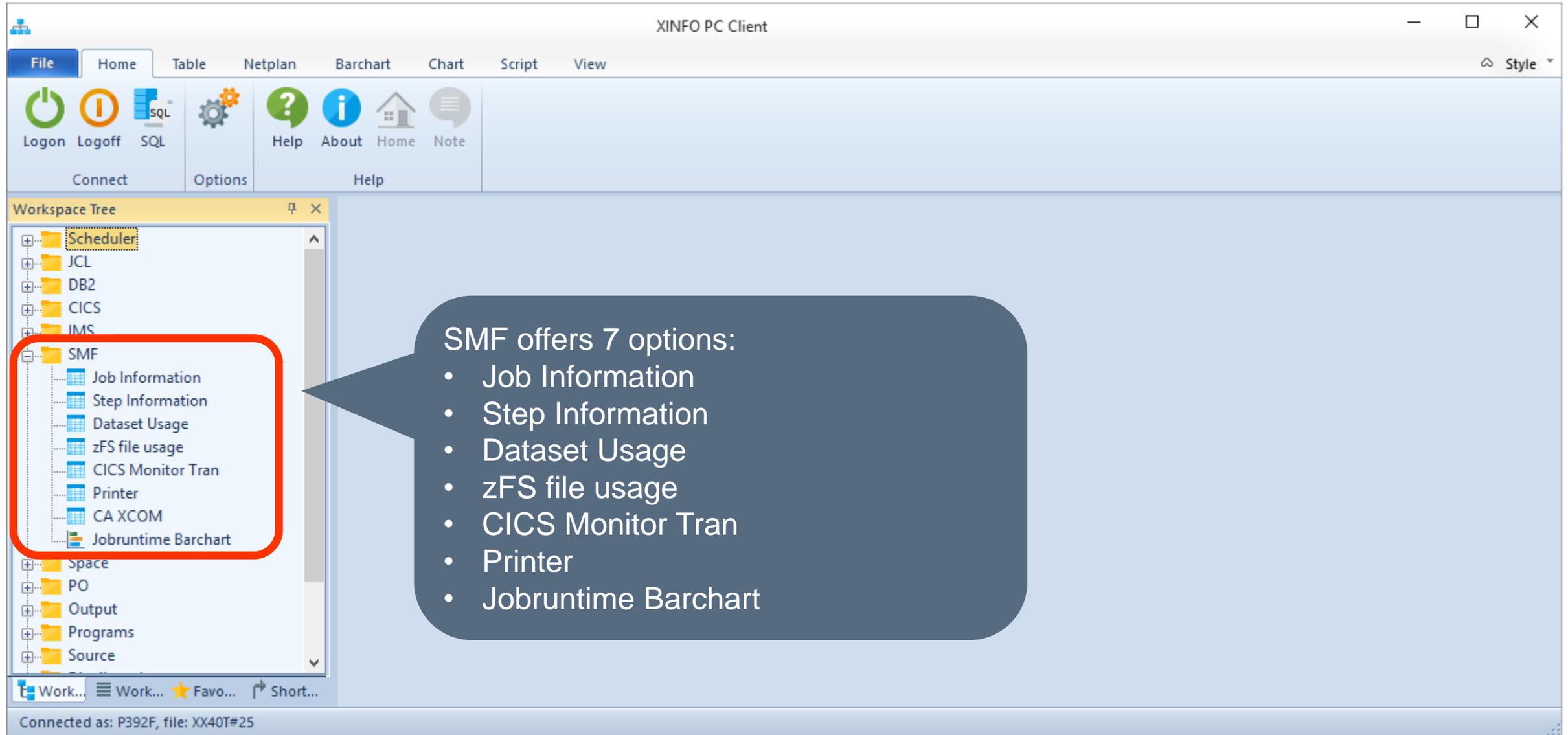
SMF offers 7 options:
- Job Information
- Step Information
- Dataset Usage
- zFS file usage
- CICS Monitor Tran
- Printer
- Jobruntime Barchart

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SMF – Dataset usage

To search for file access ...

… select "Dataset usage"

SMF – Dataset usage Selection

SMF – Dataset usage Results

SMF – Dataset usage

SMF Disposition – Example

SMF Disposition – Example

SMF DASD – Example

SMF DASD – Example

SMF – Active jobs

To search for active jobs…

… select job information

SMF – Active jobs Selection

Which jobs were active at 01.01.2016 at 21:30?
Please note: "Start time <=", "End Time >="

SMF – Active jobs Results

SMF – Active programs

To get all programs which where active between ...

… select Step Information

SMF – Active programs Selection

SMF – Active programs Results

SMF – JES Job waits

To get all jobs with Wait times longer than...

... select Job Information

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SMF – JES job waits Selection

Which jobs did wait on the 04.09.2016 between 01:00 and 02.00 in the JES input queue longer than 30 seconds

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SMF – JES job waits Results

SMF – Wait for enqueue

To get all steps which did wait longer than 10 seconds because of "wait for enqueue?" ...

… select Step Information

SMF – Wait for enqueue Selection

… wait for enqueue for more than 10 seconds

SMF – Wait for enqueue Results

SMF – Wait for enqueue Results

SMF – Cancelled jobs

Which jobs where cancelled this month? ...

… select Job Information

SMF – Cancelled jobs Selection

SMF – Cancelled jobs Results

SMF – Program return codes

You need an overview about the return codes for a production day?

… select Job Information

SMF – Program return codes Selection

Specify the date …

SMF – Program return codes Results

SMF – Program return codes Results

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SMF – Program return codes Results

Thanks for your attention! Do you have any questions?

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