> **“The fastest JCL Expansion tool on the market, expanding one million lines a minute!”**

```
[00001] //FTZMQRT  PROC NETRC='PAA.AAKP.NETRC',              IEKVOEU DEFAULT
[00002] //             IPMBEL='',                            FTP PARM MEMBER
[00003] //             FBFNIB='PHR.AAWO.PARM'                FTP PARM FINCAMC
[00004] //*
[00005] //*********************************************************************
[00006] //* FTP W2C INPUT FILE FROM THE LAN TO THE MAINFRAME
[00007] //*********************************************************************
[00008] //*
[00009] //PS010    EXEC PGM=FTP2,
[00010] //             PARM='/FIOB NETRC'
[00011] //*
[00012] //SYSPRINT DD  SYSOUT=*
[00013] //NETRC    DD  DSN=&NETRC,
[00014] //             DISP=SHR
[00015] //SYSPUT   DD  SYSOUT=*,
[00016] //             DCB=BLKSIZE=133
[00017] //SYSGET   DD  DSN=&FBFNIB(&IPMBEL),
[00018] //             DISP=SHR
[00019] //*
```

PROC BEFORE

```
[00001] //BTLT501  JOB NEBHE,'HCOVOL GEYOCKJ',
[00002] //             MSGCLASS=U,CLASS=P
[00003] //*
[00004] //*-------------------------------------------------------------------
[00005] //*   FTP HCOVOL DATA FROM TBC05 TO BWOA/UROO
[00006] //*-------------------------------------------------------------------
[00007] //*
[00008] //JS010    EXEC FTZMQRT,
[00009] //             NETRC='PAA.AAKP.NETRC',
[00010] //             IPMBEL='SLS50006'
```

JCL BEFORE


```
[00001] //BTLT501  JOB NEBHE,'HCO
[00002] //             MSGCLASS=U
[00003] //*
[00004] //*-------------------------------------------------------------------*
[00005] //*   FTP HCOVOL DATA FROM TBC05 TO BWOA/UROO                          00120002
[00006] //*-------------------------------------------------------------------*
[00007] //*                                                                   00140002
[00008] //JS010    EXEC FTZMQRT,
[00009] //             NETRC='PAA.AAKP.NETRC',
[00010] //             IPMBEL='SLS50006'

[00011] //FTZMQRT  PROC NETRC='PAA.AAKP.NETRC',              IEKVOEU DEFAULT
[00012] //             IPMBEL='',                            FTP PARM MEMBER
[00013] //             FBFNIB='PHR.AAWO.PARM'                FTP PARM FINCAMC
[00014] //*
[00015] //*********************************************************************
[00016] //* FTP W2C INPUT FILE FROM THE LAN TO THE MAINFRAME
[00017] //*********************************************************************
[00018] //*
[00019] //PS010    EXEC PGM=FTP2,
[00020] //             PARM='/FIOB NETRC'
[00021] //*
[00022] //SYSPRINT DD  SYSOUT=*
[00023] //NETRC    DD  DSN=&NETRC,
[00024] //NETRC    DD  DSN=PAA.AAKP.NETRC,
[00025] //             DISP=SHR
[00026] //SYSPUT   DD  SYSOUT=*,
[00027] //             DCB=BLKSIZE=133
[00028] //SYSGET   DD  DSN=&FBFNIB(&IPMBEL),
[00029] //SYSGET   DD  DSN=PHR.AAWO.PARM(SLS50006),
[00030] //             DISP=SHR
[00031] //*

[00032] //*                                                                   00140002
```

Supports multiple PROCS and JCL libraries.Expands PROCS and symbolic variables at one million lines per minute

Inserts the executed PROCS into the JCL elements.

The entire expanded PROC is highlighted with a subtle color. It is just enough to help the user make a clear distinction between the existing JCL and the CODE expanded.

The JCL Xpander resolves the symbolic variables.

Lines replaced are color coded with a distinct arrow showing the BEFORE and AFTER components.

This allows users to search on JCL as it appears at RUNTIME.

FIND

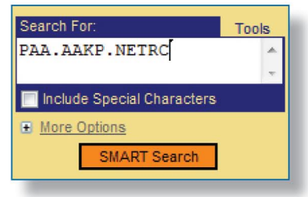
During the expansion, RUNTIME values are hyper-linked, allowing users to easily CLICK and FOLLOW thru the entire system.

FOLLOW

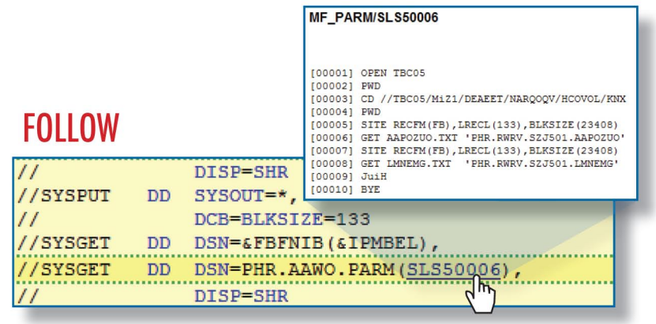
Expanding the JCL to mimic RUNTIME values also allows very accurate cross-reference reporting of the system FLOW

FORMULATE

FIND



FOLLOW

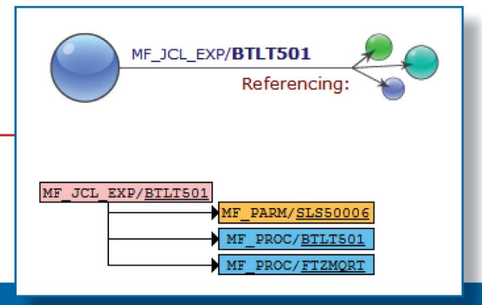


```
//             DISP=SHR
//SYSPUT   DD  SYSOUT=*,
//             DCB=BLKSIZE=133
//SYSGET   DD  DSN=&FBFNIB(&IPMBEL),
//SYSGET   DD  DSN=PHR.AAWO.PARM(SLS50006),
//             DISP=SHR
```

MF_PARM/SLS50006

```
[00001] OPEN TBC05
[00002] PWD
[00003] CD //TBC05/MiZ1/DEAEET/NARQOQV/HCOVOL/KNX
[00004] PWD
[00005] SITE RECFM(FB),LRECL(133),BLKSIZE(23408)
[00006] GET AAPOZUO.TXT 'PHR.RWRV.SZJ501.AAPOZUO'
[00007] SITE RECFM(FB),LRECL(133),BLKSIZE(23408)
[00008] GET LMNEMG.TXT  'PHR.RWRV.SZJ501.LMNEMG'
[00009] JuiH
[00010] BYE
```

FORMULATE



> **“Finally a tool that clearly shows me what my JCLs look like at RUNTIME!”**