A Few "Handy" MVS CONSOLE COMMANDS…… zNibbler #10

DISPLAY

d a,l ….All active Address spaces
d a,bbo* ….Active jobs starting with "BBO" (i.e. WAS Address Spaces)
d parmlib ….SYS1.PARMLIB settings used for this IPL
d prog,lnklst …Programs defined to Link List
d asm,page=all….Page data sets & utilization of page space
d etr ….Sysplex timer
d grs,c ….Global resource serialization – contention
d iplinfo ...IPL time & bootstrap parms
d m=cpu ….Status of logical processors in the LPAR image
d m ….Matrix of entire image configuration (can be large amount of output)
d m=stor ….Number of bytes of storage the system owns
d m=dev ….Status for devices
d wlm,ird ….Status of IRD features used
d wlm,systems ….Systems in Goal Mode
d wlm,applenv=* ..Which Application Environments are active
d j,all ….All jobs running on the system
d logger,l ….Logger Log Streams
d parmlib ….PARMLIB data sets used for this IPL
d omvs,a=all ….zOS UNIX address space processes
d omvs,f ….HFS file systems currently in use or mounted
d omvs,o ….zOS Unix current configuration setting
d omvs,p ….PFS (physical file system) configuration information
d omvs,waiters …What Unix threads are waiting on
d omvs,sockets …UNIX Sockets
d a,bpxas ….All spwaned and forked initiator BPXAS address spaces
d opdata ….Operator Command Prefixes (subsystem's recognition characters)
d r,l ….Outstanding WTORs (Write To Operator withReplys)
d smf ….SMF recording dataset status
d symbols ….System symbolics
d tcpip,,n,portl ….TCP/IP ports being listened on (note – the positional parms in command)
d tcpip,,n,routes ..TCP/IP routes (note – the positional parms in command)
d tcpip,,n,home …TCP/IP Home (note – the positional parms in command)
v tcpip,,o,sys1.tcpparms(profilex) …Refresh TCP/IP Profile parms (note v = vary (modify))
d prog,apf …. List all authorized programs
d trace ….All trace settings
d u ….Track device allocations
d u,dasd,online,,99 ….Online DASD devices
d xcf,cpl ….XCF parameters and coupled data sets
d xcf,str ….All structures in coupling facility and their type
d xcf,cf,cfnm=all ….All connections to coupling facility
d xcf,policy,type=cfrm …Coupling Facility Policy

JES2 DISPLAYS

$dspl …JES2 Spool utilization (note the "$" prefix for JES2 commands)
$t spooldef …JES2 spool characteristics
$d perfdata …JES2 statistics
$d a …. All active JES Jobs
$d srvclass …. JES2 targets how many initiators are started in each service class

You can switch as many job classes to WLM-managed mode as you wish. You can easily switch any job class back to JES-managed mode by using the JES2 **$TJOBCLASS** command or the JES3 **MODIFY** command.

DB2 Commands:

-dsn8 start db2 ….Start DB2 (note "-" is the subsystem recognition character(SRC) used to tell JES which instance of DB2 to send this command to. Since there can be more than one DB2 running in an LPAR, each uses a different SRC. -dsn8 in this case is the default instance, please check with the DBA for a specific instance name and its SSR).

-dsn8 stop db2 ….Stop DB2

-dsn8 dis thd(*) ….List all threads

-dsn8 can thd(*nn*) …Cancel thread number *nn*

TSO

Send '*message*',u=(*tso userid*) …send a message to another TSO User

Other MVS Commands:

start atrrrs,sub=mstr ....Start RRS

setrrs cancel ….Stop RRS

-mqs1 start qmgr parm(mqs1zprm) ….Start MQ

setxcf stop,policy,type=arm ….Disable ARM (auto restart manager)

s rmf ….Start RMF

f rmf,s iii …. Start RMF data gathering (*note f = modify*)

f rmf, modify zz,sync(RMF,0),interval(2M) ….Modify RMF interval

i smf …. Switch SMF datasets

set smf=99 ….Switch to new SMF parms