



## QUICK REFERENCE BOOKLET FOR XLNT<sup>®</sup> Version 4

**symbol-name** = [=] **expression**  
**symbol-name** [**bit-position**, **size**] = [=] **replacement-expression**  
**array-symbol** = (**index:**) **value**,...)  
**symbol-name** := [=] **string**  
**symbol-name** [**offset**, **size**] := [=] **replacement-string**

**@file-specification/OUTPUT=filename**  
[**parameter1**,...**parameter8**]

**ABORT** **string** [**status-code**]

### ACTIVE DIRECTORY SERVICES Commands:

**ADS CREATE** **object name**

/ACCOUNT\_NAME=account-name /[NO]ACTIVE /CONTAINER=container-name  
/FIRST\_NAME=first-name /INITIALS=initials /LAST-NAME=last-name /PASSWORD=password  
/DISPLAY\_NAME=display-name /DESCRIPTION=description /OFFICE=office  
/TELEPHONE=telephone-number /EMAIL=email-address /WEB\_PAGE=url /STREET=street-address  
/PO\_BOX=post-office-box /CITY=city /STATE=state /ZIP\_CODE=zip-code /COUNTRY=country  
/LOGON\_NAME=logon-name /EXPIRES=expiration-date /PROFILE\_PATH=profile-path  
/LOGON\_SCRIPT=logon-script /LOCAL\_PATH=home-directory /HOME\_PHONE=home-phone  
/PAGER=pager-number /MOBILE\_PHONE=mobile-phone /FAX\_NUMBER=fax-number  
/IP\_PHONE=ip-phone /TITLE=title /DEPARTMENT=department /COMPANY=company-name  
/SIMPLE\_DISPLAY\_NAME=display-name /MEMBER=members /MEMBER\_OF=members  
/SECURITY /DISTRIBUTION /LOCAL /GLOBAL /UNIVERSAL

**ADS DELETE** **object name**

**ADS MODIFY** **object name**

/ACCOUNT\_NAME=account-name /[NO]ACTIVE /CONTAINER=container-name  
/FIRST\_NAME=first-name /INITIALS=initials /LAST-NAME=last-name /PASSWORD=password  
/DISPLAY\_NAME=display-name /DESCRIPTION=description /OFFICE=office  
/TELEPHONE=telephone-number /EMAIL=email-address /WEB\_PAGE=url /STREET=street-address  
/PO\_BOX=post-office-box /CITY=city /STATE=state /ZIP\_CODE=zip-code /COUNTRY=country  
/LOGON\_NAME=logon-name /EXPIRES=expiration-date /PROFILE\_PATH=profile-path  
/LOGON\_SCRIPT=logon-script /LOCAL\_PATH=home-directory /HOME\_PHONE=home-phone  
/PAGER=pager-number /MOBILE\_PHONE=mobile-phone /FAX\_NUMBER=fax-number  
/IP\_PHONE=ip-phone /TITLE=title /DEPARTMENT=department /COMPANY=company-name  
/SIMPLE\_DISPLAY\_NAME=display-name /MEMBER=members /MEMBER\_OF=members  
/SECURITY /DISTRIBUTION /LOCAL /GLOBAL /UNIVERSAL



**ADS SHOW** object name

/CONTAINER=container-name /FILTER=filter-string /FULL /OUTPUT=file-spec

/PROPERTY=property-name

**APPEND** input-file-spec[,...] output-file-spec

/ACCESS /BEFORE[=time] /[NO]CONFIRM /CREATE /EXCLUDE[=filename[,...]] [NO] LOG /[NO]

NEW /SINCE[=time] /WRITE

**CALL** label [parameter[...]]

**CLOSE** file-symbol /ERROR[=label]

**CLS**

**COPY** input-file[,...] output-file or FTP URL

/ACCESS /ASCII /ASK\_REPLACE /ATTRIBUTES /BEFORE[=time] ?BINARY /[NO]CONCATENATE

/[NO] CONFIRM /CREATE /EXCLUDE[=filename[,...]] /[NO]LOG /PERMISSION /[NO] REPLACE

/SAVE[=filename] /SINCE[=time] /SUBDIRECTORY/ VMS /WRITE

**CREATE** file-name /[NO]LOG

**CREATE/DIRECTORY** directory-name /[NO]LOG

**DEBUGBREAK**

**\$DECK /DOLLARS**[=string]

**DECLARE FUNCTION** datatype name library arguments[,...] [global|cdecl|stdcall]

**DECLARE SYMBOL** datatype name[=initial-value]

[associative|fixed=number|global|initialize|occurs=nnn,...|variable]

**DELETE** file-name[,..]

/ACCESS /BEFORE[=time] /[NO]CONFIRM /CREATE /EXCLUDE[filename[,...]]/[NO]LOG /[NO] FILES

/SINCE[-time] /[NO] SUBDIRECTORY /WRITE

**DELETE/DIRECTORY** directory-name

/[NO]CONFIRM /[NO]LOG

**DELETE/SYMBOL** symbol /GLOBAL /ALL

**DFS Commands:**

**DFS ADD** dfs-entry-path,... /COMMENT=string /[NO]LOG

**DFS REMOVE** dfs-entry-path [storage-path,...] /ALL /[NO]LOG

**DFS SET** dfs-entry-path /COMMENT=string /[NO]LOG

**DFS SHOW** dfs-entry-path|server-name

/GRAFIC /FULL /OUTPUT[=file-spec] /PAGE

**DIFFERENCES** input\_file\_spec input\_file\_spec2  
/COMMENT\_DELIMITER[(character[,...])] /IGNORE=(BLANK\_LINES, COMMENTS,  
HEADER[=n], SPACING, TRAILING\_SPACES, EDITED,...) /MATCH=size  
/MAXIMUM\_DIFFERENCES=n /MERGED /[NO]NUMBER /OUTPUT[=file-spec] /PARALLEL[=N]  
/WIDTH=n

**DIRECTORY** file-name or FTP URL  
/ACCESS /ATTRIBUTE /BEFORE[=time] /CREATE /DATE[=access|create|write] /DIRECTORY  
/EXCLUDE[=filename[,...]] /FULL /GRAND\_TOTAL /[NO]HEADING /[NO]HIDDEN /OUTPUT  
[=filename] /OWNER /PAGE /ROOT\_DIRECTORY /SECURE /SIZE /SEARCH=SIZE=(min[,max])  
/SINCE[=time] /SORT[=size | date | name | dsize] /TOTAL /[NO]TRAILING /VMS /WRITE

**DISCONNECT FILE**  
/ALL /ID=number /[NO]LOG /ON=servername /USER=username

**DICONNECT SESSION** /ALL /[NO]LOG  
/CLIENT=clientname /ON=servername /USER=username

**DOS** [command]

**DUMP** filename [,...]  
/BYTE /DECIMAL /HEXADECIMAL /LONGWORD /NUMBER[=n] /OUTPUT[=filespec] /PAGE  
/LEFT\_TO\_RIGHT /RIGHT TO LEFT /SECTORS[=START:n,END:n,COUNT:n] /WORD

**EDIT** file-name

**SEOD**

**EXIT** [status-code]

**FOR** ([init\_command], [expression], [iterate\_command])  
**ENDFOR**

**FOREACH** iteration-variable IN container-symbol  
**ENDFOREACH**

**GOSUB** label

**GOTO** label

**HELP** /[NO]WINDOW /PAGE [topic] [sub-topic...]

**IF** expression [THEN command]

**IF** expression

**THEN.....ENDIF**

**[ELSE].....ENDIF**

**INQUIRE** symbol-name [prompt-string]

/[NO]ECHO /ERROR=value /GLOBAL /[NO]PUNCTUATION=value /TIMEOUT=-value /[NO]  
UPPERCASE

## ITERATE

**KILL** process-id

[/ON=computer-name] [/USERNAME=username] [/PASSWORD=password]

## LEAVE

## LOGOUT

## PRINTER Commands:

**MANAGE ADD DRIVER** version driver-name

environment driver-path driver-data driver-config

/DATA\_TYPE=string /DEPENDANT\_FILE=(file-spec,...) /HELP\_FILE=file-spec [/NO]LOG

/MONITOR\_NAME=string /ON=machine-name

**MANGE ADD PRINTER** printer-name port-name driver-name

/ACCOUNT=(account:perm) /ATTRIBUTE=(BIDI, DEFAULT, DEVQ, DIRECT,

DO\_COMPLETE\_FIRST, KEEPPRINTEDJOBS, OFFLUINE, QUED,...) [/NO] COLLATE [NO]COLOR

/COMMENT=string /DATA\_TYPE=string [/NO]DUPLEX=(HORIZONTAL|VERTICAL)

/FORM\_NAME=string /LOCATION=string [/NO]LOG /MEDIA=[STD] | GLOSS | TRANSPARENCY)

/ON=machine-name /ORIENTATION=(PORTRAIT | LANDSCAPE) PAPER\_SIZE=(LETTER | LEGAL

| A4 | ASHEET | DSHEET | ESHEET | LETTERSMALL | TABLOID | LEDGER | STATEMENT |

EXECUTIVE | A3 | A4SMALL | A5 | B4 | B5 | FOLIO | QUARTO | 10X14 | 11X17 | NOTE | ENV\_9 |

ENV\_10 | ENV\_11 | ENV\_12 | ENV\_14 | ENV\_DL | ENV\_C3 | ENV\_C4 | ENV\_C5 | ENV\_C6

| ENV\_C65 | ENV\_B4 | ENV\_B5 | ENV\_B6 | ENV\_ITALY | ENV\_MONARCH | ENV\_PERSONAL |

FANFOLD\_US | FANFOLD\_STD\_GERMAN | FANFOLD\_LGL\_GERMAN) /PARAMETERS=string

/PRIORITY=Number /PROCESSER=string /QUALITY=(HIGH | MEDIUM | LOW | DRAFT | nnn)

/REVOKE /SEPERATOR=File-spec [/NO]SHARE=share-name [/NO]STASRT\_TIME=hh:mm

/TAKE\_OWNERSHIP [/NO]UNTIL\_TIME=hh:mm

**MANAGE CONNECT PRINTER** printer-name [/NO]LOG

**MANGAGE DELETE DRIVER** environ driver-name [/NO]LOG /ON=machine-name

**MANAGE DELTE PRINTER** printer-name [/NO]LOG

**MANAGE DISCONNECT PRINTER** PRINTER-NAME/[NO]LOG

**MANAGE SET JOB** PRINTER-NAME /ALL / CANCEL /JOBID=(id,...) [/NO]LOG /PAUSE /RESTART  
/RESUME /USER=(username,...)

**MANAGE SET PRINTER** printer-name  
/ACCOUNT=(account:perm,...) /ATTRIBUTES=(BIDI, DEFAULT, DEVQ, DIRECT,  
DO\_COMPLETE\_FIRST, KEEPPRINTEDJOBS, OFFLINE, QUEUED,...) /[NO]COLLATE /[NO]COLOR  
/COMMENT=string /DATATYPE=string /DRIVER\_NAME=new-driver-name /[NO]=(HORIZONTAL  
| VERTICAL) /FORM\_NAME=string /LOCATION=string /[NO]LOG /MEDIA-[STD] | GLOSS  
| TRANSPARENCY) /ON=machine-name /ORIENTATION=(PORTRAIT | LANDSCAPE)  
PAPER\_SIZE=(LETTER | LEGAL | A4 | ASHEET | DSHEET | ESHEET | LETTERSMALL |  
TABLOID | LEDGER | STATEMENT | EXECUTIVE | A3 | A4SMALL | A5 | B4 | B5 | FOLIO |  
QUARTO | 10X14 | 11X17 | NOTE | ENV\_9 | ENV\_10 | ENV\_11 | ENV\_12 | ENV\_14 | ENV\_DL |  
ENV\_C3 | ENV\_C4 | ENV\_C5 | ENV\_C6 | ENV\_C65 | ENV\_B4 | ENV\_B5 | ENV\_B6 | ENV\_ITALY |  
ENV\_MONARCH | ENV\_PERSONAL | FANFOLD\_US | FANFOLD\_STD\_GERMAN |  
FANFOLD\_LGL\_GERMAN) /PARAMETERS=string /PRIORITY=Number /PROCESSER=string  
/QUALITY=(HIGH | MEDIUM | LOW | DRAFT | nnn) /REVOKE /SEPERATOR=File-spec  
[NO]SHARE=share-name /[NO]START\_TIME=hh:mm /TAKE\_OWNERSHIP  
[NO]UNTIL\_TIME=hh:mm

**MANAGE SHOW DRIVER** /FULL /ON=machine-name /PAGE

**MANAGE SHOW MONITOR** /output=filename /PAGE

**MANAGE SHOW PORT** [server-name] /FULL /OUTPUT=filename /PAGE

**MANAGE SHOW PRINTER** [printer-name]  
/ALL /CONNECTIONS /DEFAULT /DOMAIN[domain-name] /FULL /JOBS /LOCAL /NETWORK  
/ON=machine-name /OUTPUT=filename /PROVIDER[=string] /PAGE /REMOTE /SHARED

**MAIL SEND** filename recipient[,...]  
/PROFILE=filename /PASSWORD=profilepassword /SUBJECT=string /[NO]LOG

**ON** condition **THEN** command

**OPEN** file-symbol file-name  
/APPEND /ATTRIBUTE[=archive | normal | hidden | temporary | read\_only | system] /CREATE  
[=create\_always | create\_new | open\_always | open\_existing | truncate\_existing] /ERROR[=label]  
/FLAGS[=written\_thru | random\_access | delete\_on\_close] /READ /SHARE[=R | W] /WRITE

**PRINT** file-name[,...]  
/ACCESS /BEFORE[=time] /CREATE /DEVICE[devicename] /EXCLUDE[=file-name[,...]]  
/SINCE[=time] /WRITE

**READ** file-symbol file-name  
/BYTES\_READ[=symbol] / COUNT[=integer] /DELIMITER[=value] /[NO]ECHO /END\_OF\_FILE[=label]  
/ERROR[=label] /GLOBAL /LOCAL /POSITION[=begin | current | end | offset=n] PROMPT=string  
/TIMEOUT[=value] /[NO]UPPERCASE

**RECALL** command-specifier /ALL /ERASE

**RENAME** input-file[,...] output-file  
/ACCESS /BEFORE[=time] /[NO]CONFIRM /CREATE  
/EXCLUDE[=filename[,...]] /[NO]LOG /SINCE[=time] [NO]SUBDIRECTORY /WRITE

**RETURN** [status-code]

**RUN** file-name  
/ARGS[=args[,...]] /DETACHED /DIRECTORY[=directory-name] /ERROR[=file-name]  
/INPUT[=file-name /NEW\_CONSOLE /NOTIFY /OUTPUT[=file-name] /PRIORITY [=high | idle | real  
| normal] /[NO]WAIT

**SCHEDULE** [option=add | delete | show]  
/ALL /COMMAND[=command\_string] /EVERY=(list) /ID[=job\_identifier] /NEXT=(list) /ON  
=[computername] /TIME[=hh:mm]

**SEARCH** filename[,...] searchstring[,...]  
/ACCESS /BEFORE[=time] /[NO]CONFIRM /CREATE /[NO]EXACT /EXCLUDE=(filespec[,...])  
/[NO]HEADING /[NO]HIGHLIGHT /[NO]LOG /MATCH=[and, nor, nand, or, xor] /[NO]NUMBERS  
/[NO]OUTPUT[=filespec] /SINCE[=time] /[NO]STATISTICS /[NO]WINDOW[=(n1, n2)] /WRITE

## SECURITY Commands:

**SECURITY CREATE** entity-type entity  
entity-type=[USER, GROUP]  
/[NO]ACTIVE /[NO]CHANGEPASSWORD /COMMENT=string /COUNTRY\_CODE=nnm  
/CURRENT\_PASSWORD=string /DOMAIN /[NO]EXPIRES /[NO]LOG /GLOBAL[=(group-name,...)]  
/HOME\_DIRECTORY=file-spec /HOME\_DRIVE=driveletter /LOCAL[=(group-name,...)]  
/[NO]MEMBER=(user-name,...) /NAME=string /ON=machine-name /[NO]PASSWORD[=string]  
/[NO]PASSWORD\_EXPIRES /PROFILE\_PATH=file-spec /[NO]REQUIRED\_PASSWORD /RIGHTS=  
(right,...) /SCRIPT\_PATH=file-spec /[NO]TIMES=(ALL | time-spec,...) /USER\_COMMENT=string  
/WORKSTATION=(ALL | machine-name,...)

**SECURITY MODIFY** entity-type entity  
entity-type=[USER, GROUP]  
/[NO]ACTIVE /[NO]CHANGE\_PASSWORD /COMMENT=string /COUNTRY\_CODE=nnn /CURRENT  
\_PASSWORD=string /DOMAIN[=domain] /[NO]EXPIRES /[NO]LOG /GLOBAL[=(group-name,...)]  
/HOME\_DIRECTORY=file-spec /HOME\_DRIVE=drive /LOCAL[=(group-name,...)] /[NO]MEMBER  
=(user-name,...) /NAME=string /ON=machine-name /[NO]PASSWORD[=string] (default)  
/[NO]PASSWORD\_EXPIRES /PROFILE\_PATH=file-spec /[NO]REQUIRED\_PASSWORD /RIGHTS  
=(right-name,...) /SCRIPT\_PATH=file-spec /[NO]TIMES=(ALL | time-spec,...)  
/USER\_COMMENT=string /UNLOCK /WORKSTATION=(ALL | machine-name,...)

**SECURITY DELETE** entity-type entity  
entity-type=[USER, GROUP] /[NO]CONFIRM /DOMAIN[=domain] /GLOBAL  
/LOCAL /[NO]LOG /ON=machine-name

**SECURITY SHOW** entity-type [entity]  
entity-type=[USER, GROUP]  
/DOMAIN[=domain] /[NO]FORMAT /FULL /[NO]LOCAL /ON=machine-name /OUTPUT[=file-  
specifications] /[NO]RIGHTS /WIN95

## SERVICES (WINDOWS NT ONLY)

### CONFIGURE SERVICE service-name

/ACCESS=[ALL, CHANGE\_CONFIG, ENUM\_DEPENDANTS, INTERROGATE, PAUSE\_CONTINUE, QUERY\_CONFIG, QUERY\_STATUS, START, STOP, STANDARD\_RIGHTS, GENERIC\_READ, GENERIC\_WRITE, GENERIC\_EXECUTE] /DEPENDANCIES=(string[,...]) /DISPLAY\_NAME=string /ERROR\_CONTROL=[NORMAL, IGNORE, SEVERE, CRITICAL] /ON=computer-name /PASSWORD=string /LOAD\_ORDER\_GROUP=string /PATH\_NAME=file-spec /SERVICE\_START\_NAME=string /START\_TYPE=[AUTO | BOOT | DISABLED | MANUAL | SYSTEM] /TAG\_ID=number /TYPE=[FILE\_SYSTEM\_DRIVER, INTERACTIVE, KERNEL\_DRIVER, OWN\_PROCESS, SHARE\_PROCESS]

### INSTALL SERVICE service-name

/ACCESS=[ALL, CHANGE\_CONFIG, ENUM\_DEPENDANTS, INTERROGATE, PAUSE\_CONTINUE, QUERY\_CONFIG, QUESRY\_STATUS, START, STOP, STANDARD\_RIGHTS, GENERIC\_READ, GENERIC\_WRITE, GENERIC\_EXECUTE] /DEPENDANCIES=(string[,...]) /DISPLAY\_NAME=string /ERROR\_CONTROL=[NORMAL], IGNORE, SEVERE, CRITICAL] /PASSWORD=string /LOAD\_ORDER\_GROUP=string /ON=computer-name /PATH\_NAME=filespecification /SERVICE\_START\_NAME=string START\_TYPE=[AUTO | BOOT | DISABLED | MANUAL | SYSTEM] /TAG\_ID=number /TYPE=[FILE\_SYSTEM\_DRIVER, INTERACTIVE, KERNEL\_DRIVER, OWN\_PROCESS, SHARE\_PROCESS]

**PAUSE SERVER** service-name /ON=machine

**REMOVE SERVICE** service-name /ON=machine

**RESET SERVICE** service-name /ON=machine

**RESUME SERVICE** service-name /ON=machine

**SHOW SERVICE** [service-name] /ON=machine /OUTPUT=filename /FULL

**START SERVICE** service-name /ON=machine /ARGUMENTS=(string[,...])

**STOP SERVICE** service-name /ON=machine

**SET DEFAULT** [UNC] or [device-name:\directory] /[NO] LOG

**SET** [NO]DOSERROR [integer]

**SET FILE** filename,...

/ACCESS /[NO] ARCHIVE /BEFORE=time /[NO]COMPRESS /[NO]CONFIRM /CREATE /DIRECTORY /EXCLUDE=filename,... /[NO]HIDDEN /[NO]LOG /[NO]READ /SINCE[=time] /[NO]SYSTEM /WRITE

**SET HOST** [\\DOMAIN\]HOSTNAME[:PORT-NUMBER]

/CLI[=xlnt | dos] /ENCRYPT /LOG[=file-name] PROTOCOL[=tcpip | pipes]

**SET MESSAGE** /[NO]MESSAGE

**SET [NO] ON**

**SET PERMISSIONS** object-name[,...]

/ACCOUNT=(name[:pri-perm[:prop-perm]] [,...]) /ACCESS /BEFORE[=time] /CREATED  
/[NO]CONFIRM /[NO]LOG /OBJECT=[FILE | PRINTER | SERVICE | SHARE | REGKEY]  
/REVOKE=(account,...) /DIRECTOR /EXCLUDE=(filename[,...]) /[NO]EXISTING\_FILES  
/SINCE[=time] /SUBDIRECTORIES /TAKE\_OWNERSHIP /WRITE

**SET PREFERNCES**

[NO]AUTOFOREIGN /COLUMNS=numeric-value /CURRENT\_PROPERTIES /EDITOR=file-spec  
/[NO]INSERT /MAXLEVEL=numeric-value /LOGIN\_DIRECTORY[=directory-name]  
/MAXRECALL=numeric-value /PROMPT=string /SAVE /[NO]SPLASH\_PAGE /SYLOGIN=file-name  
/ROWS=numeric-value /USERLOGIN=file-name

**SET PROCESS/PRIORITY** [=high | idle | normal | realtime]

/IDENTIFICATION=value

**SET PROMPT** [string] /DIRECTORY /PREFIX=string

**SET RESTART\_VALUE** “string”

**SET SYMBOL/SCOPE**=([NO]LOCAL, [NO] GLOBAL)

**SET TIME** [absolute-time]

**SET VARIABLE** environment-variable text /SYSTEM

**SET [NO] VERIFY**

**SHARES: (Windows NT Only)**

**SHARE ADD** resource/ COMMENT=string /[NO]LOG /MAX\_CONNECTIONS=number /ON=servername  
/PATH=pathstring /TYPE=string

**SHARE DELETE** resource /[NO]LOG /ON=servername

**SHARE SET** resource /COMMENT=string /[NO]LOG /MAX\_CONNECTIONS=number /ON=servername  
/PATH=pathstring /TYPE=string

**SHARE SHOW** [resource]  
/ON=servername /OUTPUT=filename

**SHOW DEFAULT**

**SHOW DEVICE** [device-name[:]] /FULL /OUTPUT[=file-name] /PAGE

**SHOW DLS** /IDENIFIER=pid /FULL /OUTPUT[=file-name]

**SHOW HOST** /OUTPUT[=file-name]

**SHOW LOCALTIMEZONE** [/FULL] [/OUTPUT=filename]

**SHOW MACHINE** /OUTPUT=filename

**SHOW MEMORY** /FULL /CACHE /ON=machine /OUTPUT=filename

**SHOW PERMISSIONS** object-name,...

/OBJECT=[FILE | PRINTER | SERVICE | SHARE | REGKEY] /OUTPUT=[file-name]

**SHOW PREFERENCES** /AUTOFOREIGN /CONSOLE /EDITOR /USERLOGIN /LOGIN\_DIRECTORY  
/SYLOGIN

**SHOW PROCESS** [identification]

/FULL /IDENT=pid /MEMORY /ON=machine /OUTPUT[=file-name] /THREAD

**SHOW SERVER/FILES** [image-name]

ON=machinename /OUTPUT=filename /USER=username

**SHOW SESSION** /CLIENT=clientname /ON=machinename /OUTPUT=filename /USER=username

**SHOW SYMBOL** [symbol-name] /ALL /FULL /GLOBAL /LOCAL

**SHOW SYSTEM** /ON=computer-name /OUTPUT=file-name

**SHOW TIME**

**SHOW USER** /OUTPUT=filename

**SHOW VARIABLE** environment-variable

**SPAWN** command /DETACHED /DIRECTORY=directory-name /ERROR=file-name /INPUT=file-name

/NEW\_CONSOLE /OUTPUT=file-name /NOTIFY /PRIORITY[=high | idle | real | normal] /[NO]WAIT

**STRUCTURE** name[GLOBAL]

Datatype symbol [if string length]

**ENDSTRUCTURE**

**SUBROUTINE**

**ENDSUBROUTINE**

**TYPE** file-name[,...] /ACCESS /BEFORE[=time] /CREATE /EXCLUDE[=file-name[,...]] /OUTPUT[=file-  
name] /PAGE /SINCE[=time] /WRITE

**UNTIL** expression...**ENDUNTIL**

**WAIT** delta-time

**WHILE** expression...**ENDWHILE**

**WRITE** symbol expression /COUNT[=value] /DELIMITER[=value /ERROR[=label]  
POSITION[=begin | current | end | offset=n]

**XC** input-procedure-file [output-executable-spec] /**[NO]**LOG

## Operators List

### STRING OPERATORS:

- |                           |                                       |
|---------------------------|---------------------------------------|
| + String Concatenation    | - String Resolution                   |
| <b>.EQS.</b> Equal to     | <b>.GES.</b> Greater than or equal to |
| <b>.GTS.</b> Greater than | <b>.LES.</b> Less than or equal to    |
| <b>.LTS.</b> Less than    | <b>.NES.</b> Not equal to             |

### NUMERIC OPERATORS:

- + Addition
- Subtraction
- + Unary plus (indicates a positive number)
- Unary minus (indicates a negative number)
- \* Multiplication
- / Division
- .EQ.** Equal to
- .GE.** Greater than or equal to
- .GT.** Greater than
- .LE.** Less than or equal to
- .LT.** Less than
- .NE.** Not equal to

### LOGICAL OPERATORS:

- .AND.** Logically ANDs two logical values
- .NOT.** Logically NOTs two logical value
- .OR.** Logically Ors two logical values

## Built-in Functions (Lexicals) List

NOTE: Non-numeric arguments must be enclosed in quotations, unless a string symbol is specified.

**F\$ADDREGISTRY** (hive, key, [reg-datatype, value])

**F\$CHANGEREGISTRY** (hive, key, reg-datatype, value)

**F\$CHECKLIBRARY** (file-spec)

**F\$CVSI** (start-bit, number-of-bits, string)

**F\$CVTIME** ([input\_time] [,out\_time\_format] [,out\_field] input\_time=[TODAY, TOMORROW, YESTERDAY, dd-mmm-yyyy:hh:mm:ss:mms] out\_date\_format=[ABSOLUTE, COMPARISON, JULIAN] out\_field=[DATE, MONTH, DATETIME, SECOND, DAY, TIME, HOUR, WEEKDAY, YEAR MINUTE]

**F\$CVUI** (start-bit, number-of-bits, string)

**F\$DELETE REGISTRY** (hive, key)

**F\$DIRECTORY** ( )

**F\$EDIT**(string, list) list=[COLLAPSE, COMPRESS, LOWERCASE, TRIM, UNCOMMENT, UPGRADE]

**F\$ELEMENT**(element-number, delimiter, string)

**F\$ENUMDOMAIN**(domain[,context])

**F\$ENUMGROUP**([domain],[machine], global-local-flag, [context]) global-local-flag=[GLOBAL, LOCAL]

**F\$ENUMMACHINE**(domain, [machine], [context], [machine-type])

**F\$ENUMSHAREPOINT**(domain, machine[,share], [context])

**F\$ENUMUSER**([domain], [machine], [context])

**F\$ENVIRONMENT** (item) item=[DEFAULT, DEPTH, INTERACTIVE, MAX\_DEPTH, MESSAGE, PROCEDURE, PROMPT, SYMBOL\_SCOPE, VERIFY]

**F\$EXTRACT**(start, length, string)

**F\$FILE\_ATTRIBUTES** (file-spec, item)

item=[ACL | AADT | ACDT | AWDT | ADT | ALQ | ARC | BLS | CDT | CMP | DIR | DVI | EOF | FST | HID | MBM | MDN | NRM | ORG | PLT | RDO | SYS | TMP | WDT]

**F\$FORMAT** (formatting-string, [values,...])

**F\$FORMATDATE** ([format-string],[,date-time])

**F\$FORMATTIME** ([format-string],[,date-time])

**F\$FREELIBRARY** (handle)

**F\$GETBQI** (display-type, search-str, item [,flags] [,context] [,machine]) display-

type=[DISPLAY\_QUEUE | DISPLAY\_ENTRY] item=[QUEUE\_PRIORITY | QUEUE\_OSPRIORITY | QUEUE\_JOB\_LIMIT | QUEUE\_EXQUEUE\_NUMBER | QUEUE\_ENTRY | QUEUE\_NAME | QUEUE\_EXQUEUE\_NAME | QUEUE\_OWNER | QUEUE\_CLI | QUEUE\_RANGE\_START | QUEUE\_RANGE\_STOP | QUEUE\_RANGE\_OPEN | QUEUE\_RANGE\_CLOSE | QUEUE\_DESCRIPTION | QUEUE\_GENERIC | QUEUE\_EXECUTION | QUEUE\_STARTED | QUEUE\_STOPPED | QUEUE\_PAUSED | QUEUE\_PENDING\_STOP | QUEUE\_CLOSED | QUEUE\_OPEN | QUEUE\_RETAIN\_ALL | QUEUE\_RETAIN\_ERROR | QUEUE\_RETAIN\_NONE | ENTRY\_PRIORITY | ENTRY\_ID | ENTRY\_NUMBERS\_PARAMETERS | ENTRY\_PARAMETERS | ENTRY\_COMPLETION\_STATUS | ENTRY\_ENTRYNAME | ENTRY\_QUEUENAME | ENTRY\_MACHINE | ENTRY\_OWNER | ENTRY\_SERVER\_TO\_NOTIFY | ENTRY\_USER\_TO\_NOTIFY | ENTRY\_CLI | ENTRY\_LOGFILE | ENTRY\_PROCEDURE | ENTRY\_DESCRIPTION | ENTRY\_TIME\_DEFERRED | ENTRY\_DEFERRED | ENTRY\_EVERY | ENTRY\_INTERVAL | ENTRY\_PENDING | ENTRY\_EXECUTING | ENTRY\_DONE | ENTRY\_ABORTING | ENTRY\_HELD | ENTRY\_PAUSED | ENTRY\_RETAINED | ENTRY\_RESTART | ENTRY\_NOTIFY | ENTRY\_PRINT | ENTRY\_KEEP]

**F\$GETDVI** (device, item)

Device=[drive: or UNC] item=[EXISTS, NO\_SECTORS, SECTORSIZE, FREECLUSTERS, TOTALCLUSTERS, FREEBYTES, FILELEN, TOTALBYTES, SERIALNO, DRIVETYPE, VOLUME, FILESYSTEM, REMOTEPATH, COMPRESSED, COMPRESSABLE, ACLS, UNICODE, CASE\_SENSITIVE, CASE\_PRESERVED, MNT, RMT, ENCRPTION, SPARS\_FILES, OBJECT\_IDS, PARSE\_POINTS, VOLUME\_QUOTAS, REMOTE\_STORAGE]

**F\$GETJPI** ([pid], [image-name], process, item, [machine])

item=[PROCESSID, HANDLES, THREADS, WORKINGSET, PAGEFAULTS, PRIORITY, VIRTUALBYTES, PROCESS, CPUTIME]

**F\$GETHOSTBYADDR** (ip-address)

**F\$GETHOSTBYNAME** (host-name)

**F\$GETLASTERROR** ( )

**F\$GETSYI** (item, [machine])

item=[MAJOR\_VERSION, MINOR\_VERSION, BUILD\_NUMBER, PAGE\_SIZE, PROCESSOR\_COUNT, GRANULARITY, ARCHITECTURE, PROCESSOR\_TYPE, PLATFORM, UP\_TIME, VERSION, MACHINENAME, MACHINE\_TYPR]

**F\$GETVARIABLE** ("variable")

**F\$GROUPINFO** (group, [domain], [machine], [item-code], [item-code-arg]) item-code=[COMMENT | EXISTS | GLOBAL | IFMEMBER | MEMBERS]

**F\$INTEGER** (expression)

**F\$LENGTH** (string)

**F\$LOADLIBRARY** (file-spec)

**F\$LOCALTIMEZONE** ([time-period])

**F\$LOCATE** (substring, string)

**F\$LOOKUPREGISTRY** (hive, key, [reg-datatype, value])

**F\$MESSAGE** (message-value, DDL-handle)

**F\$MODE** ( )

**F\$MSGBOX** (message, type [,title] [,icon] [,defaultbutton] [,options])

type=[ABORTRETRYIGNORE, OK, CANCEL, RETRYCANCEL, YESNO, YESNOCANCEL]

icon=[EXCLAMATION, WARNING, INFORMATION, ASTERISK, QUESTION, STOP, ERROR, HAND]

defaultbutton=[BUTTON1, BUTTON2, BUTTON3]

options=[RIGHT, RTLREADING, TOPMOST]

**F\$PARSE** (file-spec, [default file-spec], [item], [option])

item=[NODE, DEVICE, DIRECTORY, FILE, NAME, TYPE]

option=[EXISTS, SYNTAX\_ONLY]

**F\$PERMISSIONS** (object-type, object, item [,context])  
 object-type=[FILE, PRINTER, REGKEY, SERVICE, SHARE]  
 item=[OWNER | GROUP | PERMISSION | ACCOUNT | FORMATTED | RAW]

**F\$PID** ([image-name], [context], [machine-name])

**F\$RANDOM** ([range-max] [,seed])

**F\$READEVENT** (EventLog, [Source], [ReadDir], [Offset], [Return-Symbol], [Item])  
 EventLog=[SYSTEM, APPLICATION, SECURITY]  
 item=[CATEGORY, COMPUTER, DATETIME, EVENTID, SOURCE, TYPE, USER]

**F\$REPLACE** (search-str, [replace-str], string [,item])  
 item=[CASE | NOCASE, FIRST | ALL]

**F\$REPORTEVENT** (EventLog, [status-id], [message-type], [additional-text])

**F\$SEARCH** (file-spec, [context-symbol])

**F\$QARRY** (assoc-array-symbol, context)

**F\$SERVICE\_STATUS** (service-name, item [,machine-name])  
 item=[INSTALLED | TYPE | STATE]

**F\$STRING** (expression)

**F\$TIME** ( )

**F\$TYPE** (symbol)

**F\$USERINFO** (user, [domain], [machine], item-code, [item-code-arg])  
 item-code=[ACCTEXPIRES | ACTIVE | COMMENT | COUNTRY-CODE | EXISTS | FULL-NAME | GLOBAL-  
 GROUPS | HOME-DIR | HOME-DRIVE | IFMEMBER | LOCAL-GROUPS | LOCKED | LOGON-ERROR-CNT |  
 LOGON-HOURS-ALLOWED | LOGON-LAST | LOGON-SCRIPT | LOGON-SERVER | LOGON-SUCCESS-CNT |  
 PRIMARY-GLOBAL-GROUP | PROFILE | PSWD-CHANGED | PSWD-EXPIRES | PSWD-LAST-SET | USER-  
 CHG-PSWD | USERNAME | WKSTA-ALLOWED]

**F\$UTCTIME** ( )

**F\$VERIFY** (procedure-verification)

Key:[ ] denote optional argument, NO indicates that a qualifier supports negation, items underlined indicate default.

Most XLNT commands support the /NOLOG qualifier.

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