

## Quick Reference Booklet

XLNT<sup>®</sup>



Version 3



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Part number R-617-01-04

## Quick Reference Booklet for XLNT<sup>®</sup>

**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]

**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 /PERMISSIONS /[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 storage-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  
/GRAPHIC /FULL /OUTPUT[=file-spec] /PAGE

**DIFFERENCES** input\_file\_spec1 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 /SECURITY /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

**DISCONNECT 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

**\$EOD**

**EXIT** [status-code]  
**FOR** ([init\_command], [expression], [iterate\_command])  
**ENDFOR**

**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]PUNCTATION=value /TIMEOUT=value /[NO]UPPERCASE

**ITERATE**

**KILL** process-id

**LEAVE**

**LOGOUT**

## **PRINTER Commands:**

**MANAGE ADD DRIVER** version driver-name  
environment driver-path driver-data driver-config  
/DATA\_TYPE=string /DEPENDENT\_FILE=(file-spec,...) /HELP\_FILE=file-spec  
/[NO]LOG /MONITOR\_NAME=string /ON=machine-name

**MANAGE ADD PRINTER** printer-name port-name driver-name  
/ACCOUNT=(account:perm) /ATTRIBUTES=(BIDI, DEFAULT, DEVQ,  
DIRECT, DO\_COMPLETE\_FIRST, KEEPPRINTEDJOBS, OFFLINE,  
QUEUED, ...) /[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 | CSHEET | 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 /PROCESSOR=string /QUALITY=(HIGH | MEDIUM |  
LOW | DRAFT | nnn) /REVOKE /SEPARATOR=file-spec /[NO]SHARE=share-  
name  
/[NO]START\_TIME=hh:mm /TAKE\_OWNERSHIP  
/[NO]UNTIL\_TIME=hh:mm

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

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

**MANAGE DELETE 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]DUPLEX=(HORIZONTAL | VERTICAL) /FORM\_NAME=string  
/LOCATION=string /[NO]LOG /MEDIA=(STD | GLOSS | TRANSPARENCY)  
/ORIENTATION=(PORTRAIT | LANDSCAPE) /PAPER\_SIZE=(LETTER |  
LEGAL | A4 | CSHEET | 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 /PAUSE  
/PORT\_NAME=new-port-assignment /PRINTER\_NAME=new-printer-name  
/PRIORITY=number /PROCESSOR=string /PURGE /QUALITY=(HIGH |  
MEDIUM | LOW | DRAFT | nnn) /RESUME /SEPARATOR=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=profilename /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[=write\_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]CHANGE\_PASSWORD /COMMENT=string  
/COUNTRY\_CODE=nnn /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]GLOBAL /[NO]LOCAL  
/ON=machine-name /OUTPUT[=file-specification] /[NO]RIGHTS /WIN95

## SERVICES: (Windows NT Only)

### CONFIGURE SERVICE service-name

/ACCESS=[ALL,CHANGE\_CONFIG,ENUM\_DEPENDENTS,INTERROGATE,  
PAUSE\_CONTINUE,QUERY\_CONFIG,QUERY\_STATUS,START,STOP,  
STANDARD\_RIGHTS,GENERIC\_READ,GENERIC\_WRITE,  
GENERIC\_EXECUTE] /DEPENDENCIES=(string[,...])  
/DISPLAY\_NAME=string /ERROR\_CONTROL=[NORMAL,IGNORE,  
SEVERE,CRITICAL]  
/ON=computer-name /PASSWORD=string /LOAD\_ORDER\_GROUP=string  
/PATH\_NAME=file-specification /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\_DEPENDENTS,INTERROGATE,  
PAUSE\_CONTINUE,QUERY\_CONFIG,QUERY\_STATUS,START,STOP,  
STANDARD\_RIGHTS,GENERIC\_READ,GENERIC\_WRITE,GENERIC\_  
EXECUTE] /DEPENDENCIES=(string[,...]) /DISPLAY\_NAME=string  
/ERROR\_CONTROL=[NORMAL,IGNORE,SEVERE,CRITICAL]  
/PASSWORD=string /LOAD\_ORDER\_GROUP=string /ON=computer-name  
/PATH\_NAME=file-specification /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 SERVICE** service-name /ON=machine

**REMOVE 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[=xInt[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,...) /DIRECTORY /EXCLUDE=(filename[,...])  
/[NO]EXISTING\_FILES /SINCE[=time] /SUBDIRECTORIES  
/TAKE\_OWNERSHIP /WRITE

**SET PREFERENCES**

/[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 DLLS** /IDENTIFIER=pid /FULL /OUTPUT[=filename]

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

**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 /OUPUT=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 /OUPUT=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:

<b>+</b>	String Concatenation	<b>-</b>	String Reduction
<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:

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

### LOGICAL OPERATORS:

<b>.AND.</b>	Logically ANDs two logical values
<b>.NOT.</b>	Logically NOTs two logical values
<b>.OR.</b>	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\_time\_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\$DELETEREGISTRY** (hive, key)

**F\$DIRECTORY**( )

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

**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\_NUM\_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,  
COMPRESSIBLE, ACLS, UNICODE, CASE\_SENSITIVE, CASE\_RESERVED,  
MNT, RMT,ENCRYPTION,SPARSE\_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\_TYPE]

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

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

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

**F\$MODE** ( )

**F\$MSGBOX** (message, type [,title] [,icon] [,defaultbutton] [,options])  
type=[ABORTRETRYIGNORE, OK, OKCANCEL, 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\$SEQARRAY** (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\$VERIFY** (procedure-verification)

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

Most XLNT commands support the /[NO]LOG qualifier.