Master Index

About this Index

This index contains links to every place in the text that was indexed in the printed version of the manual set. Instead of a page number, each entry is represented by a link marker (§). Click on the link marker to go to the place in a manual where a term or concept was indexed. Multiple link markers (§ § §) will take you to different places in the manual.

Within each manual, the link markers are normally hidden, but you can make them visible by choosing the "INDEXED" style from the book's "View/Text" menu. Clicking on a link marker in a manual will take you to the corresponding main entry in this index. This can be useful for finding concepts related to the subject you are reading about in the manual.

###

16-bit quantities, converting
from host to network byte order
Communication
from network to host byte order
Communication

32-bit quantities, converting
from host to network byte order
Communication
from network to host byte order
Communication

_Prelude module
NLM Programming

AAA

Abends
causes
unfreed local semaphores
NLM Programming

Abortive connection release
Communication
client example
Communication
server example
Communication
summary
Communication

Absolute path, definition
File

Absolute value
computing
NLM Programming
of complex number
NLM Programming
of integer
NLM Programming

Access control
in NDS
NDS/Bindery

Access Control List (ACL)
NDS/Bindery
default ACL templates
NDS/Bindery
entry fields
privilege set
NDS/Bindery
protected attribute
NDS/Bindery
subject name
NDS/Bindery

NDS/Bindery
entry format
NDS/Bindery
inherited
NDS/Bindery
inherited ACL
NDS/Bindery
operation of
NDS/Bindery
restricting access to
NDS/Bindery
subject/object pair entries
NDS/Bindery

Access masks
changing
for a bindery object
NDS/Bindery
for a bindery property
NDS/Bindery

Account balance
obtaining
Management

Account balances
reserving amount of, before charges
Management
submitting charges against
Management

Account holds
obtaining
Management

Accounting
adding transaction notes to audit records
Management
auditing
charge records
Management
note records
Management
auditing events
Management
balance, of account

Management
charge records
Management
charges
computation of
Management
comment format file
Management
comment formats
Management
account locked
Management
connect time
Management
disk storage
Management
login
Management
logout
Management
server time modified
Management
credit limits
Management
determining whether installed on a server
Management
elements
Management
events
Management
example
Management
holds on accounts
Management
Introduction
Management
NetWare server charges
Management
chargeable services
Management
disk storage charges
Management
net$acct.dat
Management
net$rec.dat

Management
note records
Management
properties
ACCOUNT_BALANCE
Management
ACCOUNT_HOLDS
Management
ACCOUNT_SERVERS
Management
BLOCKS_READ
Management
BLOCKS_WRITTEN
Management
CONNECT_TIME
Management
for chargeable services
Management
REQUESTS_MADE
Management
service rate, format of
Management
registering accounting comment types with Novell
General Information/Getting Started
reserving funds for services
Management
servers
Management
version of, obtaining
Management

Accounting Services

NWGetAccountStatus
Management
NWQueryAccountingInstalled
Management
NWSubmitAccountCharge
Management
NWSubmitAccountHold
Management
NWSubmitAccountNote
Management
structures
HOLDS_INFO

Management
HOLDS_STATUS
Management

Accounts

locked
accounting record format
Management

Active screen

NLM Programming

Address

of connected peer
Communication
of socket
Communication

Address formats

UDP
Communication

Addresses

See also Internet addresses
binding to transport endpoints
Communication
connecting to
Connection
delivery, for print notification profile, setting
Print
for connection references, obtaining
Connection
internetwork
See Internetwork addresses
local network, for sockets, obtaining
Communication
obtaining for a connection
Connection
of NDS objects
NDS/Bindery
of server where an NDS object is located
NDS/Bindery
of workstations, getting
Communication
OSI
Communication

server, obtaining
Management
TCP/IP
Communication
TCP/IPX
Communication
verifying NBP
Communication

Administration

NDS
NDS/Bindery

Administration Services

See Snap-in Services

ADSP

Communication
buffers
Communication
loading
Communication
performance notes
Communication
restrictions
Communication
TLI functions accessing
Communication
transferring data
Communication
using the T_MORE bit
Communication
version of
Communication

Advanced Services

AESProcessStructure
NLM Programming
AllocateDynArrayEntry
NLM Programming
AllocateGivenDynArrayEntry
NLM Programming
AllocateResourceTag
NLM Programming
AsyncRead

NLM Programming
AsyncRelease
NLM Programming
CancelNoSleepAESProcessEvent
NLM Programming
CancelSleepAESProcessEvent
NLM Programming
commandParserStructure
NLM Programming
DeallocateDynArrayEntry
NLM Programming
EventCloseFileInfo
NLM Programming
EventDateMigrationInfo
NLM Programming
EventModifyDirEntryStruct
NLM Programming
EventTrusteeChangeStruct
NLM Programming
functions
NLM Programming
GetFileHoleMap
NLM Programming
GetSetableParameterValue
NLM Programming
GetThreadDataAreaPtr
NLM Programming
gwrite
NLM Programming
ImportSymbol
NLM Programming
NWAddSearchPathAtEnd
NLM Programming
NWDeleteSearchPath
NLM Programming
NWGetSearchPathElement
NLM Programming
NWInsertSearchPath
NLM Programming
qread
NLM Programming
qwrite
NLM Programming
RegisterConsoleCommand
NLM Programming

SaveThreadDataAreaPtr
NLM Programming
ScanSetableParameters
NLM Programming
ScheduleNoSleepAESProcessEvent
NLM Programming
ScheduleSleepAESProcessEvent
NLM Programming
SetSetableParameterValue
NLM Programming
SynchronizeStart
NLM Programming
T_cacheBufferStructure
NLM Programming
T_DYNARRAY_BLOCK
NLM Programming
T_mwriteBufferStructure
NLM Programming
UnimportSymbol
NLM Programming
UnRegisterConsoleCommand
NLM Programming

Advertising

server on internetwork
Communication
stopping
Communication

Advertising services

with NWSIPX
cancelling advertisement
Communication
initiating advertisement
Communication

AFO attributes

for NetWare 4.11
Management

AFP

directories
See AFP directories
directory entries
See AFP directory entries

example
File
examples
directories, creating
File
directory names, obtaining
File
file forks
See AFP file forks
files
See AFP files
support on server, checking for
File

AFP directories

allocating directory handles for
File
creating
File
example
File
deleting
File
directory information, obtaining
File
file information for
File

AFP directory entries

operations for
File

AFP directory information

obtaining
File
setting
File

AFP entry IDs

for a given path and directory handle
File
for a parent AFP entry ID and modifying path
File
returning for NetWare handles
File

AFP file forks

opening from DOS environment
File

AFP file information

obtaining
File
setting
File

AFP files

creating
File
data forks
File
deleting
File
entry IDs
File
file information
File
file information for
File
file information, accessing
File
file information, obtaining
File
filename conventions
File
Finder information
File
renaming
File
resource forks
File

AFP Services

NWAFPAllocTemporaryDirHandle
File
NWAFPASCIIZToLenStr
File
NWAFPCreateDirectory
File
NWAFPCreateFile
File

NWAFPDelete
File
NWAFPDirectoryEntry
File
NWAFPGetEntryIDFromHandle
File
NWAFPGetEntryIDFromName
File
NWAFPGetEntryIDFromPathName
File
NWAFPGetFileInformation
File
NWAFPOpenFileFork
File
NWAFPRename
File
NWAFPScanFileInformation
File
NWAFPSetFileInformation
File
NWAFPSupported
File
structures
NW_AFP_FILE_INFO
File
NW_AFP_SET_INFO
File
RECPKT_AFPFILEINFO
File
support for, verifying
File

AIO

See Asynchronous I/O
AIOCOMX communication driver
Communication

AIO Services

AIOPORTSTATISTICS
File

AIOCOMX

Communication
bit rates
Communication

buffers
Communication
size of
Communication
default board settings
Communication
internal configuration
Communication
loading
Communication
loading multiple times
Communication
unloading
Communication
using UARTs
Communication

Alerts
See also events

Alerts, NWSNUT
NLM Programming

Alias naming
in NDS
NDS/Bindery

Allocation map
NLM Programming

ALO
ATP requests
Communication

Alphabetic characters, testing for
Internationalization
NLM Programming

Alphanumeric characters, testing for
Internationalization
NLM Programming

ANSI functions
internationalized versions of
Internationalization

APIs

General Information/Getting Started

AppleTalk

and backup applications
Communication
and database applications
Communication
and terminal emulation applications
Communication
byte order
Communication
compared with NetWare protocols
Communication
compared with OSI
Communication
events
See AppleTalk events
functions that access TLI structures
Communication
interface version
Communication
internationalization
Communication
internet addresses
Communication
issues
Communication
loading APPLETLK.NLM
Communication
names, referencing
Communication
optimization
Fastwrite
Communication
overview
Communication
protocols
Communication
accessing through TLI
Communication
retry interval
Communication
retry structure
Communication

structures
Communication
determining the size of
Communication
TLI with
Communication
virtual network
Communication

AppleTalk Data Stream Protocol

See ADSP

AppleTalk events

ASP_EVENT_SLS_INIT
Communication
ASP_EVENT_SLS_OPEN_REQ
Communication
ASP_EVENT_SLS_STATUS_REQ
Communication
ASP_EVENT_SSS_ATTN_REPLY
Communication
ASP_EVENT_SSS_CLOSE
Communication
ASP_EVENT_SSS_CMD_REQ
Communication
ASP_EVENT_SSS_WRITECONT_REPLY
Communication
ASP_EVENT_SSS_WRITE_REQ
Communication
ASP_EVENT_WRITECONT_REPLY
Communication
ASP_EVENT_WRITE_CONT_REPLY
Communication
ASP_SSS_CMD_REQ
Communication
ATP
Communication
PAP
Communication
PAP state tables
Communication
PAP_EVENT_CONN_CLOSED
Communication
PAP_EVENT_CONN_DIED
Communication

PAP_EVENT_DATA
Communication
PAP_EVENT_DISCONN
Communication
PAP_EVENT_GETSTAT_REPLY
Communication
PAP_EVENT_OPENCONN_RCVD
Communication
PAP_EVENT_OPENESS_REPLY
Communication
PAP_EVENT_OPENSESS_REQ
Communication
PAP_EVENT_SLS_INIT
Communication
retrieving
Communication
SLS and SSS
Communication

AppleTalk Filing Protocol

AFP
Glossary

AppleTalk protocols

ADSP
See ADSP
ASP
See ASP
ATP
See ATP
DDP
See DDP
NBP
See NBP
PAP
See PAP
ZIP
See ZIP

AppleTalk Services

ATAdspOpt_t
Communication
ATAppletalkVersion
Communication
ATAspAttn

Communication
ATAspCmdReply
Communication
ATAspGet
Communication
ATAspGetParms
Communication
ATAspGetWorkstation
Communication
ATAspOpen
Communication
ATAspPass_t
Communication
ATAspSendStat
Communication
ATAspSetStat
Communication
ATAspSLSInit
Communication
ATAspSSSInit
Communication
ATAspWCont
Communication
ATAspWReply
Communication
ATAtpCancelRecvReq
Communication
ATAtpCancelSendReq
Communication
ATAtpClose
Communication
ATAtpGet
Communication
ATAtpOpen
Communication
ATAtpPass_t
Communication
ATAtpSendReq
Communication
ATAtpSendRsp
Communication
ATDdpClose
Communication
ATDdpDeregisterListener
Communication

ATDdpNetinfo
Communication
ATDdpOpen
Communication
ATDdpOpt_t
Communication
ATDdpRead
Communication
ATDdpRegisterListener
Communication
ATDdpWrite
Communication
ATDdp_t
Communication
ATEntity_t
Communication
ATInet_t
Communication
ATNbpConfirm
Communication
ATNbpDirectedLookup
Communication
ATNbpLookup
Communication
ATNbpMakeEntity
Communication
ATNbpMakeEntityXlate
Communication
ATNbpParseEntity
Communication
ATNbpRegByAddr
Communication
ATNbpRemove
Communication
ATNbpRemoveByAddr
Communication
ATNbptuple_t
Communication
ATNveStr_t
Communication
ATPapAccept
Communication
ATPapClose
Communication

ATPapConnect
Communication
ATPapDisconnect
Communication
ATPapGet
Communication
ATPapGetNextJob
Communication
ATPapGetStatus
Communication
ATPapOpen
Communication
ATPapPass_t
Communication
ATPapReject
Communication
ATPapSetStatus
Communication
ATPapSLInit
Communication
ATPapWrite
Communication
ATRetry_t
Communication
ATZipGetLocalZones
Communication
ATZipGetMyZone
Communication
ATZipGetNBPZones
Communication
ATZipGetZoneList
Communication
ATZipZoneXlate
Communication
CstrIBMCPToMac
Communication
CstrMacToIBMCP
Communication
DDP_LENGTH macro
Communication
interface version
Communication
macros
DDP_LENGTH
Communication

PstrIBMCPToMac
Communication
PstrMacToIBMCP
Communication
SET_DDP_LENGTH macro
Communication

AppleTalk Session Protocol

See ASP

AppleTalk Transaction Protocol

See ATP

Application Launcher

overview
Management
processing variables in
Management
using
Management
using Application Launcher
example
Management

Application Launcher Services

NWAPPAllocContextHandle
Management
NWAPPCreateAppObject
Management
NWAPPCreateFullObjectName
Management
NWAPPFreeContextHandle
Management
NWAPPFreeGetFolders
Management
NWAPPFreeGetObjectAttributes
Management
NWAPPGetFolders
Management
NWAPPGetIconFromFile
Management
NWAPPGetIconFromHandle
Management
NWAPPGetObjectAttributes
Management

NWAPPIconToBitmap
Management
NWAPPIsSchemaModified
Management
NWAPPLaunchApplication
Management
NWAPPLaunchApplicationId
Management
NWAPPMakeBitmap
Management
NWAPPMakeCursor
Management
NWAPPMakeIcon
Management
NWAPPModifySchema
Management
NWAPPMonitorApplicationById
Management
NWAPPMonitorApplications
Management
NWAPPProcessVariables
Management
NWAPPReadIcon
Management
NWAPPStripFullObjectName
Management

Application objects

creating
Management
Directory schema for, checking whether modified
Management
launching
Management
and retrieving an ID for
Management
modifying NDS schema for
Management
terminated, checking whether
Management

Applications

launching
Management
and retrieving an ID for

Management

Arc cosine, computing
NLM Programming

Arc sine, computing
NLM Programming

Arc tangent, computing
NLM Programming

Architecture
of CLIB
NLM Programming

Arrays
character, writing to
NLM Programming
copying strings into
NLM Programming
searching
Management
sorting
Management

ASCII characters, testing for
NLM Programming

ASCII strings
converting print attribute values to
Print
converting to print attribute values
Print

ASP
Communication
and NetWare
Communication
attention request, sending
Communication
buffers in
Communication
command requests
Communication
Fastwrite option
Communication

flowchart
Communication
functions
Communication
low memory conditions
Communication
pass structure
Communication
quantum
Communication
reading events
Communication
SLS
See SLSs
sockets
Communication
SSS
See SSSs
status requests
Communication
write requests
Communication
write, flow of
Communication
writing continue requests
Communication

Assembly code

calling from C code
NLM Programming
parameter processing
NLM Programming
that calls C functions
NLM Programming

Assembly language

considerations when converting VAPs to NLM applications
NLM Programming

Asynchronous communication

control functions
Communication
data transfer functions
Communication
driver-specific information

Communication
read functions
Communication
status reporting functions
Communication
write functions
Communication

Asynchronous communications

Communication

Asynchronous I/O

Communication
application-to-AIO services
Communication
buffer size
Communication
controlling external signal states
Communication
data structures
Communication
deadman timer
Communication
drivers
passing information to
Communication
drivers registered with, information about
Communication
functions
Communication
getting port information
Communication
ports
Communication
read status
Communication
reading external status bit masks
Communication
receiving drive-specific information
Communication
setting buffer size
Communication
setting flow control characters
Communication
setting function parameters for return values

Communication
status of external hardware signals
Communication
structures
version of
Communication
wildcard parameters
Communication
write status
Communication
writing data
Communication

Asynchronous I/O buffers

flushing
Communication
read
setting size of
Communication
size of
Communication
reading
Communication
write
setting size of
Communication
size of
Communication

Asynchronous I/O Services

AIOAcquirePort
Communication
AIOAcquirePortWithRTag
Communication
AIOConfigurePort
Communication
AIOCONTROLDATA
Communication
AIODRIVERLIST
Communication
AIODRIVERLISTENTRY
Communication
AIODVRCAPABILITIES
Communication
AIODVRCONFIG

Communication
AIODVRSTATISTICS
Communication
AIOFlushBuffers
Communication
AIOGetDriverList
Communication
AIOGetExternalStatus
Communication
AIOGetFirstPortInfo
Communication
AIOGetNextPortInfo
Communication
AIOGetPortCapability
Communication
AIOGetPortConfiguration
Communication
AIOGetPortStatistics
Communication
AIOGetPortStatus
Communication
AIOGetReadBufferSize
Communication
AIOGetWriteBufferSize
Communication
AIOPORTCAPABILITIES
Communication
AIOPORTCONFIG
Communication
AIOPORTINFO
Communication
AIOPORTSEARCH
Communication
AIOPORTSTATISTICS
Communication
AIOReadData
Communication
AIOReadStatus
Communication
AIOReleasePort
Communication
AIOSetControlData
Communication
AIOSetExternalControl
Communication

AIOSetFlowControl
Communication
AIOSetFlowControlCharacters
Communication
AIOSetReadBufferSize
Communication
AIOSetWriteBufferSize
Communication
AIOWriteData
Communication
AIOWriteStatus
Communication

Asynchronous mode
See TLI

atexit function
NLM Programming

ATP
Communication
and NetWare
Communication
data buffers
Communication
file descriptors
Communication
functions
Communication
packet length
Communication
pass structure
Communication
receiving data
Communication
requests
canceling
Communication
retrieving events
Communication
sending replies
Communication
sending reqests
Communication
sending responses

Communication
sockets
Communication
sockets and file descriptors
Communication
transaction IDs
Communication
transaction modes
Communication
user data
Communication
XO requests
Communication

Attachments to servers
Connection

Attention ID (ASP)
Communication

Attention request (ASP)
sending
Communication

Attribute types
definition of
NDS/Bindery

Attributes
See also Properties
NDS
See NDS attributes

AtUnload function
NLM Programming

Audit files
Management
closing old
for NDS objects
Management
for volume
Management
configuration headers
See Configuration headers for audit files
deleting old

for volumes
Management
functions
Management
resetting with data saved
for NDS objects
Management
for volumes
Management

Audit history files

Management

Audit properties

adding
for volumes
Management
changing
for NDS objects
Management
deleting for users
Management
functions
Management
user, assigning
Management

Audit records

adding accounting transaction notes to
Management
reading
Management

Auditing

Management
access to
Management
levels of
Management
audit keys
Management
auditor access, checking
for NDS objects
Management
auditor level two access, checking

for volumes
Management
bitmap
See Auditing events
checking whether a user is audited
Management
Class C2 security requirements
Management
defining what to audit
Management
determining what is audited
Management
disabling
for NDS objects
Management
for NetWare versions before 4.11
Management
for NetWare versions 4.11 and above
Management
for volumes
Management
enabling
for NDS objects
Management
for NetWare versions before 4.11
Management
for NetWare versions 4.11 and above
Management
flags
Management
example code
Management
obtaining for volume
Management
obtaining, for NDS objects
Management
introduction to
Management
level two access
enabling
Management
NDS containers
Management
NDS objects
Management

NDS objects, checking whether audited
Management
passwords
See Passwords
properties
See Audit properties
restarting
for volumes
Management
security
Management
functions
Management
security levels
Management
statistics
for NDS objects
Management
status
Management
functions
Management
version of, obtaining
Management
volumes
Management

Auditing event records

Management
adding external auditing events to
Management
fields of
Management
reading
Management

Auditing events

Management
accounting
Management
adding to event records
Management
bitmap
Management
defined

Management
example code
Management
reading
Management
writing
Management
file
Management
message
Management
NDS
Management
additional, for NetWare 4.11
Management
QMS
Management
scope of
Management
server
Management
specifying
Management
types of
Management
user
Management

Auditing files
deleting
Management
listing
Management
opening
Management

Auditing handles
allocating
Management
closing
Management

Auditing record handles
closing
Management

Auditing Services

NWADAppendExternalRecords
Management
NWADChangeObjectProperty
Management
NWADChangePassword
Management
NWADCheckAccess
Management
NWADCheckLevelTwoAccess
Management
NWADClose
Management
NWADCloseOldFile
Management
NWADCloseRecordFile
Management
NWADDeleteFile
Management
NWADDeleteOldFile
Management
NWADDisable
Management
NWADEnable
Management
NWADGetFileList
Management
NWADGetFlags
Management
NWADGetStatus
Management
NWADInitLevelTwoPassword
Management
NWADIsObjectAudited
Management
NWADLogin
Management
NWADLogout
Management
NWADOpen
Management
NWADOpenRecordFile
Management

NWADReadBitMap
Management
NWADReadConfigHeader
Management
NWADReadRecord
Management
NWADResetFile
Management
NWADRestartVolumeAuditing
Management
NWADSetPassword
Management
NWADWriteBitMap
Management
NWADWriteConfigHeader
Management
NWGetNWADVersion
Management
structures
NWADOpenStatus
Management
NWAuditBitMap
Management
NWAuditBitMapTNW
Management
NWAuditFileList
Management
NWAuditRecord
Management
NWAuditStatus
Management
NWConfigHeader
Management
NWDSContainerConfigHdr
Management
TIMESTAMP
Management

Auditing Services (Directory Support)

See Auditing Services

Auditors

access of, checking
for NDS objects
Management

level two access of, checking
for volumes
Management
logging in
for NDS containers
Management
for volumes
Management
logging out
for NDS containers
Management
for volumes
Management
passwords
See Passwords

Authentication

in NDS
NDS/Bindery
NDS
NDS/Bindery
state of
Connection

Autoload list

NLM Programming

BBB

Background authentication
status of
NDS/Bindery

Backup
NDS objects
NDS/Bindery
using AppleTalk
Communication

Binary search of an array
Management

Bindery
access levels, obtaining
NDS/Bindery
bindery vs. NDS
NDS/Bindery
closing
NDS/Bindery
database files
NDS/Bindery
functions
object
NDS/Bindery
object information
NDS/Bindery
password
NDS/Bindery
property
NDS/Bindery
status
NDS/Bindery
login
Login
net$bind.sys file
NDS/Bindery
net$bval.sys file
NDS/Bindery

net$obj.sys file
NDS/Bindery
net$prop.sys file
NDS/Bindery
net$val.sys file
NDS/Bindery
opening
NDS/Bindery
scanning
NDS/Bindery
using with NDS
NDS/Bindery

Bindery context
NDS/Bindery

Bindery emulation
setting
NDS/Bindery

Bindery IDs
determining, for a connection
Connection

Bindery objects
NDS/Bindery
access rights of
NDS/Bindery
adding
to property of type set
NDS/Bindery
connection numbers for, obtaining
Connection
creating
NDS/Bindery
deleting
NDS/Bindery
from property of type SET
NDS/Bindery
disk space remaining for
NDS/Bindery
finding in a property of type SET
NDS/Bindery
functions
NDS/Bindery

has-properties flag
NDS/Bindery
IDs, obtaining
NDS/Bindery
information contained by
NDS/Bindery
list of well-known object types
Connection
names of
changing
NDS/Bindery
obtaining
NDS/Bindery
object flags
NDS/Bindery
object IDs
NDS/Bindery
object names
NDS/Bindery
passwords
changing
NDS/Bindery
preventing use of
NDS/Bindery
verifying
NDS/Bindery
paths to which an object has trustee rights, obtaining
NDS/Bindery
properties of
See Bindery properties
registering object types with Novell
General Information/Getting Started
renaming
NDS/Bindery
rights in a directory or file
NDS/Bindery
scanning for
NDS/Bindery
security
NDS/Bindery
changing
NDS/Bindery
type of
obtaining
NDS/Bindery

type of, determining for a connection
Connection

Bindery properties

NDS/Bindery
ACCT_LOCKOUT
NDS/Bindery
creating
NDS/Bindery
defined by Novell
NDS/Bindery
deleting
NDS/Bindery
flags of
NDS/Bindery
functions
NDS/Bindery
item
NDS/Bindery
LOGIN_CONTROL
NDS/Bindery
names of
NDS/Bindery
NetWare security, associated with
NDS/Bindery
NODE_CONTROL
NDS/Bindery
of type SET
adding objects to
NDS/Bindery
deleting objects from
NDS/Bindery
finding objects in
NDS/Bindery
OLD_PASSWORDS
NDS/Bindery
reading
NDS/Bindery
scanning
NDS/Bindery
scanning for
NDS/Bindery
security
NDS/Bindery
changing

NDS/Bindery
set
NDS/Bindery
identifying members of
NDS/Bindery
writing values to
NDS/Bindery

Bindery Services

NWAddObjectToSet
NDS/Bindery
NWChangeObjectPassword
NDS/Bindery
NWChangeObjectSecurity
NDS/Bindery
NWChangePropertySecurity
NDS/Bindery
NWCloseBindery
NDS/Bindery
NWCreateObject
NDS/Bindery
NWCreateProperty
NDS/Bindery
NWDeleteObject
NDS/Bindery
NWDeleteObjectFromSet
NDS/Bindery
NWDeleteProperty
NDS/Bindery
NWDisallowObjectPassword
NDS/Bindery
NWGetBinderyAccessLevel
NDS/Bindery
NWGetObjectDiskSpaceLeft
NDS/Bindery
NWGetObjectEffectiveRights
NDS/Bindery
NWGetObjectID
NDS/Bindery
NWGetObjectName
NDS/Bindery
NWIsObjectInSet
NDS/Bindery
NWOpenBindery

NDS/Bindery
NWReadPropertyValue
NDS/Bindery
NWRenameObject
NDS/Bindery
NWScanObject
NDS/Bindery
NWScanObjectTrusteePaths
NDS/Bindery
NWScanProperty
NDS/Bindery
NWVerifyObjectPassword
NDS/Bindery
NWWritePropertyValue
NDS/Bindery

Binding

DDP sockets
Communication

Bit Array Services

BitClear
NLM Programming
BitSet
NLM Programming
BitTest
NLM Programming
BitTestAndClear
NLM Programming
BitTestAndSet
NLM Programming
ScanBits
NLM Programming
ScanClearedBits
NLM Programming

Bit arrays

clearing bits in
NLM Programming
scanning
for first cleared bit
NLM Programming
for first set bit
NLM Programming
setting bits in
NLM Programming

NLM Programming
testing bits in
NLM Programming

Bit rates
for AIOCOMX
Communication

Bit swapping
in DDP
Communication

Bitmap
auditing events
file
Management

Bitmaps
auditing
See Auditing events
auditing events
accounting
Management
message
Management
NDS
Management
QMS
Management
server
Management
user
Management
creating
from DIB information
Management
of sparse files, obtaining
File

Bits
clearing
NLM Programming
first set in array
NLM Programming
first set in bit array
NLM Programming

setting
NLM Programming
testing
NLM Programming
value of
NLM Programming

Block allocation map, retrieving
NLM Programming

Block size
for data migration
File

Blocking
NLM Programming
in AppleTalk
polling to avoid
Communication
in NBP
Communication

Blocking functions
using in NLM development
NLM Programming

Blocks
freeing
File
in volume, number of
File
number of sectors in
File
of memory
See Memory blocks
size of
File
obtaining
File
starting block for volume, number of
File
unused, in a volume
File

Blocks of memory, comparing
NLM Programming

Boolean choice fields, appending to forms
NLM Programming

Borland
compilers
General Information/Getting Started

Breaking an argument value
NLM Programming

Breakpoints
clearing dynamically
NLM Programming
commands
NLM Programming
setting
NLM Programming
setting dynamically
NLM Programming

Bridging
version of, obtaining
Management

Broadcast messages
sending
Communication

Broadcasts
Communication
disabling
Communication
enabling
Communication
query
Communication

Brokers
print
See Print brokers

BSD
out-of-band data in
Communication

BSD socket API

BSD socket API
Communication
relationship to UNIX
Communication

BSD Socket Services
accept
Communication
bind
Communication
connect
Communication
getpeername
Communication
getsockname
Communication
getsockopt
Communication
listen
Communication
readv
Communication
recv
Communication
recvfrom
Communication
recvmsg
Communication
select
Communication
limitations of
Communication
send
Communication
sendmsg
Communication
sendto
Communication
setsockopt
Communication
shutdown
Communication
socket
Communication
writev

Communication

BSD sockets

accepting a connection
Communication
binding a socket to a network address
Communication
blocking and nonblocking modes
Communication
closing
Communication
closing a connection
Communication
creating
Communication
creating sockets in the client program
Communication
datagram sockets
Communication
errors
Communication
establishing connections
Communication
listening on
Communication
network I/O
Communication
options
Communication
porting to the NetWare OS
Communication
programming model
Communication
programming steps
Communication
receiving connection requests
Communication
server functions
Communication
stream sockets
Communication
types of
Communication

Buffers

ADSP
Communication
AIOCOMX
Communication
ASP
Communication
associating with files
File
Asynchronous I/O
setting the size of
Communication
ATP data
Communication
command history
NLM Programming
DDP
size of
Communication
NBP
size of
Communication
NDS
See NDS buffers
overflow
Communication
PAP
Communication
reply buffer manager, in an NCP extension
Communication
Screen buffers
NLM Programming
status string
Communication
stream
flushing
File
TCP/IP
Communication
TCP/IPX
Communication
type-ahead
NLM Programming
writing multiple buffers to a file
NLM Programming
writing to

under format control
NLM Programming
ZIP
Communication

Busy waiting
Communication

Byte order
converting from host to network
Communication
converting from network to host
Communication
in AppleTalk
Communication
reversing
for a long (32-bit) value
Management
for a word (16-bit)
Management

Byte swapping
in DDP
Communication

Bytes
number per character, determining
Internationalization

CCC

C code
calling from assembly code
NLM Programming
that calls assembly code
NLM Programming

C strings
converting
from IBM code page to Macintosh
Communication
from Macintosh code page to IBM
Communication

Cache
counters
See Cache counters
directory
See Directory cache
disk
See Disk cache
statistics, obtaining
Management
trends, getting information about
Management

Cache buffer structure
NLM Programming

Cache counters
obtaining
Management

Cache memory
statistics, obtaining
Management

Caching
determining whether occurring
File

Calendar time
getting
Management

Callback functions
for snap-in DLLs
Management

Callbacks
context for
NLM Programming
for printing
See Print notification services

Capturing print jobs
capture flags
Print
flushing a capture
on close
Print
timeout
Print
functions
Print

cardinal64 values
converting to ASCII strings
Print

CDROM volumes
determining if volume is
File

Channels
disk
See Disk channels

Character collation table
obtaining
Internationalization

Character Manipulation Services
isalnum
NLM Programming
isalpha
NLM Programming

isascii
NLM Programming
iscntrl
NLM Programming
isdigit
NLM Programming
isgraph
NLM Programming
islower
NLM Programming
isprint
NLM Programming
ispunct
NLM Programming
isspace
NLM Programming
isupper
NLM Programming
isxdigit
NLM Programming
mblen
NLM Programming
mbstowcs
NLM Programming
mbtowc
NLM Programming
tolower
NLM Programming
toupper
NLM Programming
wcstombs
NLM Programming
wctomb
NLM Programming

Character strings

storing
NLM Programming
writing to console
NLM Programming

Characters

character encoding
NDS/Bindery
collation table, obtaining

Internationalization
comparing
NLM Programming
converting
lowercase to uppercase
NLM Programming
multibyte to wide-character
NLM Programming
to lower case
Internationalization
to uppercase
Internationalization
uppercase to lowercase
NLM Programming
wide-character to multibyte
NLM Programming
copying
from one buffer to another
NLM Programming
from one string to another
Internationalization
NLM Programming
swapping character pairs
NLM Programming
filling with a specified value
NLM Programming
finding in strings
Internationalization
NLM Programming
in input stream, getting
File
inserting into strings
Internationalization
integer value of, obtaining
Internationalization
last occurrence of, locating
NLM Programming
line drawing
for NWSNUT
NLM Programming
locating first occurrence of
NLM Programming
locating last occurance of
Internationalization
multibyte

See Multibyte characters
number of bytes in
Internationalization
NLM Programming
number of bytes in, determining
Internationalization
number of bytes required
NLM Programming
pushing back on input stream
File
pushing back onto input stream or screen
NLM Programming
reading from screen
NLM Programming
with echo
NLM Programming
reading from stdin
File
receiving from streams
File
retrieving from stream
File
reversing the order of
Internationalization
NLM Programming
sorting values for NWSNUT
NLM Programming
Unicode
NDS/Bindery
wildcard
See Wildcard characters
writing
to output stream
File
to screen
NLM Programming

Characters, testing for

alphabetic
Internationalization
NLM Programming
alphanumeric
Internationalization
NLM Programming

decimal
Internationalization
NLM Programming
hexadecimal
Internationalization
NLM Programming
hexadecimal-digit
NLM Programming
lowercase
NLM Programming
printable characters
NLM Programming
punctuation characters
NLM Programming
uppercase
NLM Programming
white-space characters
NLM Programming

Charge records, accounting
Management

Charges against an account
reserving funds for
Management
submitting
Management

CHECK function
NLM Programming

Ciphertext
NDS/Bindery

Class C2 security requirements, for auditing
Management

CLIB
modular architecture of
NLM Programming

CLIB context
See NLM context

Client agent, NDS
NDS/Bindery

Client Management Services

NWEndOfJob
Management
NWGetClientType
Management
NWGetRequesterVersion
Management
NWSetEndOfJobStatus
Management

client requests

Management

Clients

supported
General Information/Getting Started
type of, identifying
Management

Client-server applications

NLM Programming
advantages
NLM Programming
characteristics
NLM Programming
communication
NLM Programming
connections and tasks
NLM Programming
designing
NLM Programming
locating services
NLM Programming
Bindery Services
NLM Programming
BSD Socket Services
NLM Programming
Communication Services
NLM Programming
NDS
NLM Programming
Service Advertising Protocol (SAP)
NLM Programming
TLI
NLM Programming

using connection numbers
NLM Programming
using QMS
NLM Programming
using task numbers
NLM Programming

Closing

PAP
orderly disconnection
Communication

CLTP

Communication
setting options
Communication

Clusters

See also Disk space
freeable, number of
File
free, number of
File
limbo, number of
File
number of sectors in
File

CLX

initializing
Connection
terminating
Connection
version of CLX layer
Connection

Code pages

local, conversion to Unicode
Internationalization
supported by Novell
Internationalization

Collation

internationalized functions for
Internationalization
table, obtaining

Internationalization

COM port driver, loading
Communication

Command history buffer
NLM Programming

Command line
arguments
NLM Programming
unparsed
NLM Programming

Command line parmeters
obtaining
NLM Programming

Commands, OS
NLM Programming

Comment fields, appending to form
NLM Programming

Communicating with a device, hardware port
NLM Programming

Communication
asynchronous
AIOCOMX driver
Communication
in client-server applications
NLM Programming
overview
Communication
VAP vs NLM
NLM Programming

Communication drivers
AIOCOMX
Communication

Communication Services
See also IPX Services
See also SPX Services

Company names

Company names
for servers, obtaining
Management

Compilers
Borland
General Information/Getting Started
Microsoft
General Information/Getting Started
NLM
NLM Programming
WATCOM
NLM Programming

Complete name
NDS/Bindery

Complex number, computing absolute value of
NLM Programming

Compressed files
returning information about
File
size of, setting
File
space used by, total
File
if uncompressed
File

Compression
of NLM applications
NLM Programming

Conditions to be detected while a program executes
SIGABRT
NLM Programming
SIGFPE
NLM Programming
SIGILL
NLM Programming
SIGINT
NLM Programming
signalling
NLM Programming
SIGSEGV

NLM Programming
SIGTERM
NLM Programming
SIG_DFL
NLM Programming
SIG_IGN
NLM Programming

Configuration

of network nodes
Communication
of software on a network node, determining
Communication

Configuration files

for TCP/IP
Communication

Configuration headers for audit files

Management
contents of
Management
example code
Management
functions
Management
reading
for NDS objects
Management
for volumes
Management
saving
for NDS objects
Management
for volumes
Management
security levels for
Management

Configuration reply packets

Communication

Configuration request packets

Communication

Connection

Overview
Connection

Connection addresses
length of, obtaining
Connection
length of, obtaining for connection references
Connection

Connection endpoints
See also Transport endpoints
closing, for NWSIPX
Communication
managing, with NWSIPX
Communication
opening, NWSIPX
Communication
setting information values for
Communication

Connection handles
Connection
addresses of servers associated with
NDS/Bindery
and connection references
Connection
listing
Connection
obtaining for a directory handle
File
obtaining for a file handle
File

Connection IDs
See Connection handles

Connection ID, setting
Connection

Connection mode, TLI
See TLI connection mode

Connection number and task management
functions
Connection

Connection Number and Task Management Services

AllocateBlockOfTasks
Connection
CheckIfConnectionActive
Connection
DisableConnection
Connection
EnableConnection
Connection
GetCurrentConnection
Connection
GetCurrentFileServerID
Connection
GetCurrentTask
Connection
LoginObject
Connection
LogoutObject
Connection
ReturnBlockOfTasks
Connection
ReturnConnection
Connection
SetCurrentConnection
Connection
SetCurrentFileServerID
Connection
SetCurrentTask
Connection

Connection numbers

Connection
allocating
Connection
as a NetWare OS issue
NLM Programming
changing
Connection
changing for thread group
Connection
current, obtaining
Connection
disabling
Connection
enabling

Connection
for client-server applications
NLM Programming
for logged-in object
Connection
for logged-out object
Connection
for NLM applications
Connection
list of, for object name and type
Connection
list of, obtaining
Connection
retrieving
Connection
setting
Connection
types
Connection
types of, for NLM applications
NLM Programming
using clients'
Connection

Connection references

Connection
closing
Connection
default, obtaining
Connection
for nearest NDS server, obtaining
Connection
for workstation, obtaining
Connection
information about, obtaining
Connection
obtaining
Connection
opening connections with a given
Connection
primary
obtaining
Connection
transport addresses for, obtaining
Connection

Connection requests

listening for
Communication
receiving
Communication
status of
Communication

Connection Services

NWCCCloseConn
Connection
NWCCGetAllConnInfo
Connection
NWCCGetAllConnRefInfo
Connection
NWCCGetCLXVersion
Connection
NWCCGetConnAddress
Connection
NWCCGetConnAddressLength
Connection
NWCCGetConnInfo
Connection
NWCCGetConnRef
Connection
NWCCGetConnRefAddress
Connection
NWCCGetConnRefAddressLength
Connection
NWCCGetConnRefInfo
Connection
NWCCGetNumConns
Connection
NWCCGetPrefServerName
Connection
NWCCGetPrimConnRef
Connection
NWCCGetSecurityFlags
Connection
NWCCLicenseConn
Connection
NWCCMakeConnPermanent
Connection
NWCCOpenConnByAddr

Connection
NWCCOpenConnByName
Connection
NWCCOpenConnByPref
Connection
NWCCOpenConnByRef
Connection
NWCCQueryFeature
Connection
NWCCRenegotiateSecurityLevel
Connection
NWCCScanConnInfo
Connection
NWCCScanConnRefs
Connection
NWCCSetCurrentConnection
Connection
NWCCSetPrefServerName
Connection
NWCCSetPrimConn
Connection
NWCCSetSecurityFlags
Connection
NWCCSysCloseConnRef
Connection
NWCCUnlicenseConn
Connection
NWClearConnectionNumber
Connection
NWCLXInit
Connection
NWCLXTerm
Connection
NWFreeConnectionSlot
Connection
NWGetConnectionHandle (obsolete 6/96)
Connection
NWGetConnectionIDFromAddress (obsolete 9/97)
Connection
NWGetConnectionIDFromName (obsolete 9/97)
Connection
NWGetConnectionInformation
Connection
NWGetConnectionList (obsolete 6/96)

Connection
NWGetConnectionNumber (obsolete 6/96)
Connection
NWGetConnectionStatus (obsolete 9/97)
Connection
NWGetConnectionUsageStats
Connection
NWGetConnInfo (obsolete 6/96)
Connection
NWGetConnListFromObject
Connection
NWGetDefaultConnectionID (obsolete 9/97)
Connection
NWGetDefaultConnRef
Connection
NWGetInetAddr
Connection
NWGetMaximumConnections (obsolete 9/97)
Connection
NWGetNearestDirectoryService (obsolete 9/97)
Connection
NWGetNearestDSConnRef
Connection
NWGetObjectConnectionNumbers
Connection
NWGetPrimaryConnectionID (obsolete 6/96)
Connection
NWGetTaskInformationByConn
Connection
NWIsIDInUse (obsolete 6/96)
Connection
NWRequest
Connection
NWSetPrimaryConnectionID (obsolete 6/96)
Connection
NWUnlicenseConn (obsolete 6/96)
Connection
SetConnectionCriticalErrorHandler
Connection
structures
CONNECT_INFO
Connection
CONN_TASK
Connection
CONN_TASK_INFO

Connection
CONN_USE
Connection
NWCCConnInfo
Connection
NWCCTranAddr
Connection
NWCCVersion
Connection
NWINET_ADDR
Connection
NW_FRAGMENT
Connection

Connection table
functions that operate on
connection management support routines
Connection

Connection zero
Connection

Connectionless mode
receiving data in
Communication
receiving error information in
Communication
sending data in
Communication

Connectionless mode, TLI
See TLI connectionless mode

Connections
accepting
Communication
attaching to servers
Connection
attachment to a server
Connection
authenticated
Connection
authenticating (NDS)
NDS/Bindery
bindery-based operations

Connection
BSD
accepting
Communication
closing
Communication
closing
Connection
closing and clearing
Connection
components of (TCP)
Communication
connection numbers
See Connection numbers
connection references
Connection
connection 0
Connection
creating
Connection
current connection
Connection
disabling
Connection
enabling
Connection
establishing
BSD
Communication
for brokers, checking
Print
for NLM applications
Connection
freeing
Connection
functions
connection parameters, setting
Connection
information
Connection
opening and closing
Connection
getting connection status
Connection
handles

See Connection handles
handles compared to references
Connection
handling critical errors
Connection
information about
obtaining
Connection
information about, obtaining
Connection
infoType parameter, values for
Connection
Internet addresses for, obtaining
Connection
IPX
See IPX connections
licensed
See Licensed connections
licensed state of
Connection
licensing
Connection
listing by type
Management
local
Connection
logging in to
Connection
logging out of
Connection
making permanent
Connection
management support routines
Connection
managers, identifying as
Management
maximum number of
Connection
maximum number on workstation, obtaining
Connection
maximum number used at one time on a server
Management
monitored connections
NDS/Bindery

monitored, opening
NDS/Bindery
monitoring with NLMDebug
NLM Programming
multiple threads using one connection
Connection
number in use for a server
Management
number of
Connection
NWSIPX
See NWSIPX connections
obtaining server information from
Connection
opening
Connection
by address
Connection
by server name
Connection
by transport type
Connection
with a given connection reference
Connection
open/close model
Connection
PAP
closing
Communication
opening
Communication
rejecting requests
Communication
workstation side
Communication
permanent
Connection
preferred
retrieving names of
NDS/Bindery
preferred server for, obtaining
Connection
preferred server, setting
Connection
primary

setting
Connection
primary, setting
Connection
remote
Connection
removing task dependencies from
Connection
requesting
Communication
retry count
Connection
scanning
Connection
scanning for locks by
File
scanning for NDS tree names
NDS/Bindery
scanning for NDS trees
NDS/Bindery
security flags for
Connection
security flags for, setting
Connection
security level of
Connection
security level of, setting
Connection
server
NDS/Bindery
setting
NDS/Bindery
setting connection status
Connection
SPX
See SPX connections
possible states
Communication
states of
Connection
status of
Connection
supportable by VLM, number of
NDS/Bindery

timeout errors, handling
Connection
TLI
See TLI connections
to NDPS manager, checking
Print
to print service registry, status of
Print
tracking status of
Communication
transport addresses for, obtaining
Connection
type of, listing by
Management
types of
Connection
unlicensed
See Unlicensed connections
unlicensing
Connection
unlocking
NDS/Bindery
using a file, scanning
File
using a single connection
Connection

Connection/task number pairs

Connection

Console

scanning input from
under format control
NLM Programming
writing to
under format control
NLM Programming

Console command parsing function

registering
NLM Programming
unregistering
NLM Programming

Console commands

LOAD

NLM Programming
parameters
NLM Programming
syntax
NLM Programming
using
NLM Programming
REMOVE DOS
File
SECURE CONSOLE
NLM Programming
SET
NLM Programming
for memory protection
NLM Programming
SET PSEUDO PREEMPTION TIME
NLM Programming
suspending
NLM Programming
TRACK ON
NLM Programming
UNLOAD
NLM Programming
unrecognized
NLM Programming

Console operators
identifying
Management

Console parameters
scanning
NLM Programming
setting
NLM Programming
value of
NLM Programming

Containers, NDS
See NDS

Context
CLIB
See NLM context
default name context

NDS/Bindery
default name context, setting for a tree
NDS/Bindery
file permission mask
File
NCP extensions
Communication
NDS
See NDS context
NDS bindery context
NDS/Bindery
NDS name context
NDS/Bindery
NLM
See NLM context
NWSNUT
NLM Programming
screen
NLM Programming
switches
NLM Programming
TCP/IP
Communication
thread
obtaining
NLM Programming
setting context for callbacks
NLM Programming

Context specifier

setting
NLM Programming

Control-character checking

enabling or disabling for the current screen
NLM Programming
iscntrl function
NLM Programming
setting with screen attribute
NLM Programming

Converting

lowercase to uppercase character
NLM Programming
uppercase to lowercase character

NLM Programming

Copyright notice
obtaining for a server
Management

Cosine, computing
NLM Programming

CPUs
dual, SFT III support for
NLM Programming
statistics, obtaining
Management

Creating
messages
File

Creation date and time
for a directory
File
setting
File

Credentials
authentication
exist for NDS trees, determining whether
NDS/Bindery

Credit limit
obtaining
Management

Credit limits
in Accounting
Management

Critical section
entering
NLM Programming
exiting
NLM Programming

Critical sections
NLM Programming

Current connection
setting
Connection

Current server
NLM Programming

Current working directory
in NLM development
NLM Programming

Current working directory (CWD)
changing
File
obtaining
File
setting
File

Current working volume (CWV)
obtaining
File
setting
File

Cursor
coupling
NLM Programming
enabling and disabling
NLM Programming
disabling
NLM Programming
portal
NLM Programming
displaying input
NLM Programming
input
NLM Programming
disabling
NLM Programming
of a portal
NLM Programming
output
NLM Programming
setting position of
NLM Programming

NLM Programming
shape
NLM Programming
size
NLM Programming

Cursor coupling

disabling
NLM Programming

Cursors

creating
based on DIB information
Management
in NWSNUT portals
enabling
NLM Programming
NWSNUT
positioning
NLM Programming
positioning portal
NLM Programming
on NLM screens
NLM Programming

Custom data

in NWSNUT
routines for handling
NLM Programming

DDD

DAI logical partition numbers
converting mirror object IDs to
File
converting to Media Manager mirror object IDs
File

Data
affected by locale
Internationalization
protecting, using TTS
Management
writing
File

Data alignment
NLM Programming

Data area pointer
NLM Programming
saving for current thread
NLM Programming

Data format
for asynchronous communication
Communication

Data locks
file locks
File
logical
File
physical
File
releasing
File
setting
File
types of
File

Data Manipulation Services

bsearch
Management
IntSwap
Management
LongSwap
Management
NWLongSwap
Management
NWWordSwap
Management
offsetof
Management
qsort
Management
_lrotl
Management
_lrotr
Management
_rotl
Management
_rotr
Management

Data migration

File
block size
File
demigrating files
File
example code
File
functions
File
I/O status
File
migrating files
File
size of data on migration media
File
size of limbo space
File
size of migrated data
File

space available
File
space in use
File
support modules
determining whether registered
File
IDs, obtaining
File
information about
File
list of
File
listing
File
setting
File
volume information
File

Data Migration Services

NWGetDataMigratorInfo
File
NWGetDefaultSupportModule
File
NWGetDMFileInfo
File
NWGetDMVolumeInfo
File
NWGetSupportModuleInfo
File
NWMoveFileFromDM
File
NWMoveFileToDM
File
NWSetDefaultSupportModule
File
structures
SUPPORT_MODULE_IDS
File
SUPPORT_MODULE_INFO
File

Data migrator NLM

information about

File
running, determining whether
File
version of
File

Data streams

accessing, for name spaces
File
migrated, number of
File
number of
File
opening
for a name space
File

Data transfer

progress of, in Distributed Print
Print

Databases

Media Manager
File
using AppleTalk
Communication

Datagram Delivery Protocol

See DDP

Datagrams

errors
Communication
in NWSIPX
Communication
management and data transfer
Communication
maximum packet size for, obtaining
Communication
preparing to receive
Communication
sending
Communication
UDP
Communication

Date
See also Date and time
for a server, obtaining
Management
revision, obtaining for a server
Management
setting
Management

Date and time
formatting
Internationalization
of last volume modification
File
putting in a nuint32
Management
unpacking from a nuint32 into NW_DATE and NW_TIME structures
Management

daylight global variable, setting
Management

Daylight Savings Time
NLM Programming

DCV_CANONICALIZE_NAMES flag
NDS/Bindery

DDP
Communication
and NetWare
Communication
bit and byte-swapping
Communication
closing sockets
Communication
file descriptors
Communication
functions
Communication
header
Communication
header format
Communication
length macros
Communication

packet length
Communication
receiving packets
Communication
registering a listener
Communication
registering listeners
Communication
sending packets
Communication
TLI functions accessing
Communication

Deadlock
preventing
NLM Programming

Deadly embrace
See Deadlock

Deadman timer, Asynchronous I/O
Communication

Deallocating
task numbers
Connection

Debug screen
NLM Programming

Debuggers
NLM
See also NetWare Internal Debugger
See also NLMDebug
NLM Programming
NLMDebug
NLM Programming

Debugging
an NLM
See also NetWare Internal Debugger
See also NLMDebug
memory protection commands
NLM Programming
NOVSERV.NLM
NLM Programming

PARSERV.NLM
NLM Programming
Rdebug
NLM Programming
remote debugging
NLM Programming
SERSERV.NLM
NLM Programming
setting breakpoints
NLM Programming
setting up the server
NLM Programming
time operations
NLM Programming
using NLMLINK to link debug information
NLM Programming
using the NetWare Internal Debugger
NLM Programming
using WLINK to link debug information
NLM Programming
with NLMDebug
NLM Programming

Decimal characters, testing for
Internationalization
NLM Programming

Default name contexts
allowing callers to get
NDS/Bindery

Default printer
for a workstation, obtaining
Print
for workstation, setting
Print

Default Typing Rule
NDS/Bindery

DEFAULT_MESSAGE_LEN constant
NDS/Bindery

Deleted File Services
NWPurgeDeletedFile
File

File
NWPurgeErasedFiles
File
NWRecoverDeletedFile
File
NWRestoreErasedFile
File
NWScanForDeletedFiles
File
structures
NWDELETED_INFO
File

Delivery type
login events
Login

Deregistering
NCP extensions
Communication

Description
NDS attribute
NDS/Bindery

Destroying
screens
NLM Programming

DET
See Directory Entry Table

Detail event objects
adding events to
Print
adding to print profiles
Print
removing events from
Print

Detali event objects
removing from profiles
Print

Developer support
obtaining
General Information/Getting Started

Developing NLM applications
See NLM development

Development
hardware requirements for
General Information/Getting Started
software requirements for
General Information/Getting Started

Device driver NLM applications
NLM Programming

Device drivers
with SFT III
NLM Programming

Device I/O Services
cgets
NLM Programming
cprintf
NLM Programming
cputs
NLM Programming
cscanf
NLM Programming
getch
NLM Programming
getche
NLM Programming
inp
NLM Programming
inpd
NLM Programming
inpw
NLM Programming
kbhit
NLM Programming
NWcprintf
NLM Programming
outp
NLM Programming
outpd
NLM Programming
outpw

NLM Programming
putch
NLM Programming
ungetch
NLM Programming
vcprintf
NLM Programming
vcscanf
NLM Programming

Device Layer

File

DFS Services

DFSCallBackParameters
File
DFSclose
File
DFScreat
File
DFSExpandFile
File
DFSFreeLimboVolumeSpace
File
DFSRead
File
DFSReadNoWait
File
DFSReturnFileMappingInformation
File
DFSReturnVolumeBlockInformation
File
DFSReturnVolumeMappingInformation
File
DFSSetEndOfFile
File
DFSsopen
File
DFSWrite
File
DFSWriteNoWait
File
FileMapStructure
File
VolumeInformationStructure

File

Diagnostic

functions
Communication
overview
Communication
session functions
Communication

Diagnostic Services

AbortSendingPackets
Communication
BeginDiagnostics
Communication
EndDiagnostics
Communication
FindComponentOffset
Communication
GetAllKnownNetworks
Communication
GetAllKnownServers
Communication
GetBridgeDriverConfiguration
Communication
GetBridgeDriverStatistics
Communication
GetBridgeDriverStatus
Communication
GetBridgeStatistics
Communication
GetIPXSPXVersion
Communication
GetIPXStatistics
Communication
GetLocalTables
Communication
GetOSVersionInfo
Communication
GetPrimaryServerNumber
Communication
GetServerAddressTable
Communication
GetServerNameTable
Communication

GetShellAddress
Communication
GetShellDriverConfiguration
Communication
GetShellDriverStatistics
Communication
GetShellStatistics
Communication
GetShellVersionInfo
Communication
GetSpecificNetworkInfo
Communication
GetSpecificServerInfo
Communication
GetSPXStatistics
Communication
ReturnReceivedPacketCount
Communication
StartCountingPkts
Communication
StartSendingPktsTimed
Communication
structures
AllKnowsServersStruct
Communication
IPX Address
Communication

Dialog boxes

snap-in
Management

Difference between two calendar times

NLM Programming

Direct File Mode

closing files in
File
creating files in
File
expanding files in
File
freeing blocks
File
opening files in

File
reading sectors
File
writing to files in
File

Direct File System (DFS)

completion codes
File
file allocation
File
file structure
File
functions
File
locks
File
striping
File
volume structure
File

Directed lookup

Communication

Directive files, for linkers

NLM Programming

Directories

See also Directory entries
absolute path
File
access permissions
File
AFP
See AFP directories
closing
File
creating
File
for a name space
File
deleting
File
directory nodes
File

disk space
    limits
        File
    used by
        File
disk space for, functions
    File
disk space limit of, setting
    File
effective rights to, obtaining
    File
file node
    File
functions operating on
    File
information about
    functions
        File
    obtaining
        File
    setting
        File
limiting space of
    File
Mac OS
        See AFP directories
Macintosh
        See AFP directories
maximum rights mask, changing
    File
moving
    File
number allowed on a volume
    File
opening
    File
owner of, identifying
    File
owner of, setting
    File
owning name space for, obtaining
    File
relative path
    File

renaming
File
retrieving file and directory names
File
rights mask for, setting
File
scanning for deleted files in
File
setting search attributes
File
slots for
See Directory slots
space used by
File
status of
File
trustee node
File
trustees of
adding
File
deleting
File
scanning
File
used by file
File

Directory
rights mask for, obtaining
File
wildcard augmentation for, obtaining
File

Directory base
obtaining
File

Directory base (number)
for DOS name space entry
File
in a given name space for DOS name space entry
File

Directory cache
statistics, obtaining

statistics, obtaining
Management

Directory entries

File
attributes of
File
changing
based on information in another name space
File
directory entry information
File
accessing
File
DOS information associated with
File
functions operating on
File
information about
obtaining
File
obtaining for DOS name space
File
setting
File
moving
File
number of
File
obtaining, for a name space
File
renaming
in a given name space
File
in a name space
File
scanning for trustees
File
search attributes
File
testing whether AFP
File
unused, number of
File
version numbers, obtaining

File
wildcard augmentation for, obtaining
File

Directory Entry Number
returning
File

Directory Entry Table
File

Directory handles
File
accessing
File
allocating
File
allocating for AFP directories
File
combining with paths
File
connection handles for, obtaining
File
deallocating
File
for AFP files
File
functions operating on
File
path names for
File
permanent, allocating
File
restoring to a saved value
File
saving
File
target, setting
File
temporary, allocating
File
temporary, allocating for a name space
File

Directory information
AFP

See AFP directory information

Directory Information Base
NDS/Bindery

Directory names
obtaining for a given name space
File
setting for a different name space
File

Directory node, defined
File

Directory numbers
converting between name spaces
File
for a connection and file handle
obtaining
File

Directory paths
File

Directory Services
See also NDS
See also NDS Event Services

Directory slots
available on a volume
File
used on a volume
File

Directory tree
creating application objects in
Management

Directory trustees
File

Disconnecting
from TLI
Communication
abortively
Communication

Disconnection
orderly PAP
Communication

Disconnects, determining cause of
Communication

Disk cache
statistics, obtaining
Management

Disk channels
statistics, obtaining
Management

Disk partitions
DOS
See DOS partition
NetWare
File

Disk partition, DOS
copying files in
File

Disk space
See also Clusters
See also Sectors
example: finding space restrictions
File
for bindery objects
obtaining
NDS/Bindery
for directories, setting
File
limits for directories
File
managing, restricting
File
restrictions on
obtaining
File
removing
File
setting

File
used by an object on a volume, determining
File
used by compressed files
File
used by compressed files before compression
File
used by directories
File
used by FAT
File
used by migrated files
File

Disk storage
accounting record format
Management
charges for, format
Management

Disks
physical
statistics, obtaining
Management

Display attributes
setting
for a screen region
NLM Programming
setting for a screen area
NLM Programming

Distinguished name
NDS/Bindery
changing
NDS/Bindery

Distinguished names
of servers
NDS/Bindery

Distributed print
See also NDPS manager
allocating memory for
Print
attributes

See Print attributes
brokers
See Print brokers
data transfer, progress of
Print
events
See Print events
filters
See Print filters
initializing
Print
jobs
See Print jobs
managed object database
See MODB
notification methods
See Print notification methods
notification services
See Print notification services
print servers
See Print servers
print services managers
See Print services managers
printers
See Printers
service registry
See Print service registry
setting I/O delay for debugging
Print

Distributed Print service

structures
NWDPAccessError
Print
NWDPAccessorData
Print
NWDPAccessProblem
Print
NWDPAddressItem
Print
NWDPArea
Print
NWDPAreaSeq
Print
NWDPASAttributeListItem

Print
NWDPASAVPStruct
Print
NWDPASMODObjectListItem
Print
NWDPASSelector
Print
NWDPAttribute
Print
NWDPAttributeError
Print
NWDPAttributeProblem
Print
NWDPAttributeProblemItem
Print
NWDPAttributeSet
Print
NWDPAttributeValue
Print
NWDPAttributeValueSet
Print
NWDPAttrSetStruct
Print
NWDPBindingSpec
Print
NWDPBindParameters
Print
NWDPBrokerService
Print
NWDPCardinalOrNameOrOid
Print
NWDPCardinalOrOid
Print
NWDPCardinalRange
Print
NWDPCardinalSeq
Print
NWDPCardinal64Range
Print
NWDPCategorySet
Print
NWDPColorantSet
Print
NWDPColorantSetDescr

Print
NWDPCommonAccessorData
Print
NWDPCommonParameters
Print
NWDPCoverParameters
Print
NWDPCoverSpec
Print
NWDPCredentials
Print
NWDPCreds
Print
NWDPCriteria
Print
NWDPCriterionThreshold
Print
NWDPDeliveryAddress
Print
NWDPDeliveryAddrForMethod
Print
NWDPDeliveryAddrItem
Print
NWDPDieCuttingParameters
Print
NWDPDieCuttingSpec
Print
NWDPDimension
Print
NWDPDimValue
Print
NWDPDistinguishedNameString
Print
NWDPDistinguishedNameStrSeq
Print
NWDPDocAccessError
Print
NWDPDocAccessProblem
Print
NWDPDocumentContent
Print
NWDPDocumentIdentifier
Print
NWDPEdgeOption
Print

NWDPErrorReturn
Print
NWDPEventHandlingProfile
Print
NWDPEventObjectId
Print
NWDPEventObjectItem
Print
NWDPEventObjectSet
Print
NWDPEventReport
Print
NWDPFinishing
Print
NWDPFinishingProcSpec
Print
NWDPFinishingProcSpecSeq
Print
NWDPFinishingSpec
Print
NWDPFoldingParameters
Print
NWDPFoldingSpec
Print
NWDPFontSubstitution
Print
NWDPIgnoredAttribute
Print
NWDPIgnoredAttributeValue
Print
NWDPIgnoredAttrValueSet
Print
NWDPImposition
Print
NWDPImpositionAttr
Print
NWDPInfoItem
Print
NWDPInputTrayMedium
Print
NWDPInsertId
Print
NWDPInsertParameters
Print

NWDPInsertSheet
Print
NWDPInsertSheetSeq
Print
NWDPInsertSpec
Print
NWDPIntegerOption
Print
NWDPIntegerRange
Print
NWDPIntegerSeq
Print
NWDPJobCategories
Print
NWDPJobDocListItem
Print
NWDPJobLevel
Print
NWDPLevelRange
Print
NWDPLocations
Print
NWDPLocationValue
Print
NWDPMediaSelect
Print
NWDPMediaSelectSeq
Print
NWDPMediumContinuousSizes
Print
NWDPMediumDiscreteSizes
Print
NWDPMediumSize
Print
NWDPMediumSourceSize
Print
NWDPMediumSubstitution
Print
NWDPNameOrOid
Print
NWDPNameOrOidDimensionMap
Print
NWDPNameOrOidSet
Print
NWDPNdpsCred0

Print
NWDPNdsName
Print
NWDPNetAddress
Print
NWDPNotifyDeliveryAddr
Print
NWDPNSrvFQN
Print
NWDPNSrvFQNBuffer
Print
NWDPNSrvObjListItem
Print
NWDPNtfyDeliveryMethod
Print
NWDPNtfyEventObjectListItem
Print
NWDPNtfyGetSupportedListItem
Print
NWDPNtfyProfileInfo
Print
NWDPNtfyPromptListItem
Print
NWDPNumbersUpSupported
Print
NWDPObjectIdentification
Print
NWDPObjectIdentificationSeq
Print
NWDPObjectIdentifier
Print
NWDPObjectIdentifierSet
Print
NWDPOctetString
Print
NWDPOid
Print
NWDPOidCardinalMap
Print
NWDPOidValueListItem
Print
NWDPOtherFinishingSpec
Print
NWDPOtherParameters

Print
NWDPOutBinsCharacteristics
Print
NWDPOutputBinChar
Print
NWDPPageIdentifier
Print
NWDPPageIdentifierOption
Print
NWDPPageMediaSelect
Print
NWDPPageSelect
Print
NWDPPageSelectSequence
Print
NWDPPageSize
Print
NWDPPerforatingSpec
Print
NWDPPerfParameters
Print
NWDPPositiveIntegerOrOid
Print
NWDPPrinterError
Print
NWDPPrinterProblem
Print
NWDPPrinterStateReason
Print
NWDPProfileResultSet
Print
NWDPPrtConfigObjectId
Print
NWDPPrtContainedObjectId
Print
NWDPPrtContainedObjectIdSet
Print
NWDPPrtGlobalListItem
Print
NWDPPrtInstalledListItem
Print
NWDPPrtJobListItem
Print
NWDPPsmPAListItem
Print

NWDPPunchingSpec
Print
NWDPPunchParameters
Print
NWDPQualifiedName
Print
NWDPQualifiedNameMap
Print
NWDPQualifiedNameSet
Print
NWDPRDNSequence
Print
NWDPRealOption
Print
NWDPRealRange
Print
NWDPRealSet
Print
NWDPResAddFontFile
Print
NWDPResAddPrnDefFile
Print
NWDPResAddPrnDrvFile
Print
NWDPResDeleteFontFile
Print
NWDPResDeletePrnDefFile
Print
NWDPResDeletePrnDrvFile
Print
NWDPResGetDatePrnDefFile
Print
NWDPResGetDatePrnDrvFile
Print
NWDPResGetFontFile
Print
NWDPResGetPrnDefFile
Print
NWDPResGetPrnDrvFile
Print
NWDPResListCallbackItem
Print
NWDPResListDefFiles
Print

NWDPResListDrvFiles
Print
NWDPResListFontFiles
Print
NWDPResListFontTypes
Print
NWDPResource
Print
NWDPResourceContext
Print
NWDPResourceContextSeq
Print
NWDPResourcePrinterId
Print
NWDPRestrictionInfo
Print
NWDPResultsProfile
Print
NWDPResUnicodeSet
Print
NWDPSecurityError
Print
NWDPSecurityProblem
Print
NWDPSelectionError
Print
NWDPSelectionProblem
Print
NWDPServerListItem
Print
NWDPServiceError
Print
NWDPServiceListItem
Print
NWDPServiceProblem
Print
NWDPSlitParameters
Print
NWDPSlittingSpec
Print
NWDPStitchingSpec
Print
NWDPStitchParameters
Print
NWDPSubStrings

Print
NWDPText
Print
NWDPTrimmingSpec
Print
NWDPTrimParameters
Print
NWDPTypedName
Print
NWDPUpdateError
Print
NWDPUpdateProblem
Print
NWDPXYCardinalDimensions
Print
NWDPXYDimensions
Print
NWDPXYDimensionsValue
Print
NWDPXYRealDimensions
Print

Distributed Print Services

NWDPASAddAttribute
Print
NWDPASAddAttrValue
Print
NWDPASAttributeListCallback
Print
NWDPASAttrValueListCallback
Print
NWDPASCreateRef
Print
NWDPASCreateRefBasedOnSet
Print
NWDPASListAttributes
Print
NWDPASListAttrValues
Print
NWDPASMakeAVPRef
Print
NWDPASModifyAttrValue
Print
NWDPASMODObjectListCallback

Print
NWDPASReleaseRef
Print
NWDPASRemoveAttribute
Print
NWDPASRemoveAttrValue
Print
NWDPASSetAVPByAttributeId
Print
NWDPASSetModifyOperators
Print
NWDPASUseRef
Print
NWDPASValidateRef
Print
NWDPAUtilAddAttributeWithValues
Print
NWDPAUtilAppendAttrSet
Print
NWDPAUtilAppendAttrValueSet
Print
NWDPAUtilAsciiToCardinal64
Print
NWDPAUtilAttributeListCallback
Print
NWDPAUtilAttrValueListCallback
Print
NWDPAUtilCardinal64ToAscii
Print
NWDPAUtilCompareAttrValue
Print
NWDPAUtilCompareDataType
Print
NWDPAUtilDupAttribute
Print
NWDPAUtilDupAttrValue
Print
NWDPAUtilDupDataType
Print
NWDPAUtilFreeAttribute
Print
NWDPAUtilFreeAttrValue
Print
NWDPAUtilFreeAttrValueSet
Print

NWDPAUtilFreeDataType
Print
NWDPAUtilListAttributes
Print
NWDPAUtilListAttrValues
Print
NWDPAUtilMergeAttrSet
Print
NWDPAUtilRemoveAllAttributes
Print
NWDPBrkCreateRefBasedOnFQN
Print
NWDPBrkDestroyRef
Print
NWDPBrkDisableService
Print
NWDPBrkEnableService
Print
NWDPBrkGetConnectionStatus
Print
NWDPBrkGetFQN
Print
NWDPBrkListServices
Print
NWDPBrkServicesListCallback
Print
NWDPBrkShutdown
Print
NWDPBrkValidateRef
Print
NWDPDocCancel
Print
NWDPDocCreateRef
Print
NWDPDocCreateRefBasedOnDocId
Print
NWDPDocDestroyRef
Print
NWDPDocGetAttributeSet
Print
NWDPDocGetId
Print
NWDPDocModifyAttrs
Print

NWDPDocTransferFile
Print
NWDPDocTransferFileCallback
Print
NWDPDocValidateRef
Print
NWDPDocWriteBuf
Print
NWDPFltAppendAttrSetMatch
Print
NWDPFltAppendDelimiter
Print
NWDPFltAppendSubstringMatch
Print
NWDPFltCreateRef
Print
NWDPFltDestroyRef
Print
NWDPFltValidateRef
Print
NWDPJobCancel
Print
NWDPJobCopy
Print
NWDPJobCreateRef
Print
NWDPJobCreateRefBasedOnJobID
Print
NWDPJobDestroyRef
Print
NWDPJobGetAttributeSet
Print
NWDPJobGetId
Print
NWDPJobGetStatus
Print
NWDPJobInterrupt
Print
NWDPJobModifyAttrs
Print
NWDPJobMove
Print
NWDPJobPause
Print
NWDPJobPromote

Print
NWDPJobReorder
Print
NWDPJobResume
Print
NWDPJobSubmit
Print
NWDPJobValidateRef
Print
NWDPLibCalloc
Print
NWDPLibFree
Print
NWDPLibInit
Print
NWDPLibMalloc
Print
NWDPLibQMalloc
Print
NWDPLibRealloc
Print
NWDPLibSetArtificialIODelay
Print
NWDPLibSetArtificialMemLimit
Print
NWDPLibTerm
Print
NWDPNSrvAddBrokerObject
Print
NWDPNSrvAddPrinterObject
Print
NWDPNSrvAddPSMObject
Print
NWDPNSrvCompareNDSObjectNames
Print
NWDPNSrvCreateRef
Print
NWDPNSrvDestroyRef
Print
NWDPNSrvGetNativeNDSContext
Print
NWDPNSrvListObjects
Print
NWDPNSrvMakeFQNFromObject

Print
NWDPNSrvModifyAttrs
Print
NWDPNSrvObjGetAttributeSet
Print
NWDPNSrvObjListCallback
Print
NWDPNSrvQueryRoleMembership
Print
NWDPNSrvRemoveObject
Print
NWDPNSrvSetNativeNDSContext
Print
NWDPNSrvValidateObjectRef
Print
NWDPNtfyAddDetailEventObject
Print
NWDPNtfyAddEvent
Print
NWDPNtfyAddFilterEventObject
Print
NWDPNtfyAddMethod
Print
NWDPNtfyAddObjectEventObject
Print
NWDPNtfyAddProfile
Print
NWDPNtfyCreateMethodInfoRef
Print
NWDPNtfyCreateProfileRef
Print
NWDPNtfyCreateProfileRefBOP
Print
NWDPNtfyCreateRefBasedOnFQN
Print
NWDPNtfyDestroyMethodInfoRef
Print
NWDPNtfyDestroyRef
Print
NWDPNtfyEventObjectListCallback
Print
NWDPNtfyGetDeliveryMethodInfo
Print
NWDPNtfyGetProfileId
Print

NWDPNtfyGetProfileInfo
Print
NWDPNtfyGetSupportedEvents
Print
NWDPNtfyGetSupportedListCallback
Print
NWDPNtfyListEventObjects
Print
NWDPNtfyListMethods
Print
NWDPNtfyListProfiles
Print
NWDPNtfyListPrompts
Print
NWDPNtfyMethodListCallback
Print
NWDPNtfyModifyProfile
Print
NWDPNtfyProfileListCallback
Print
NWDPNtfyProgrammaticCallback
Print
NWDPNtfyPromptListCallback
Print
NWDPNtfyReleaseProfileRef
Print
NWDPNtfyRemoveDetailEventObject
Print
NWDPNtfyRemoveEvent
Print
NWDPNtfyRemoveFilterEventObject
Print
NWDPNtfyRemoveMethod
Print
NWDPNtfyRemoveObjectEventObject
Print
NWDPNtfyRemoveProfile
Print
NWDPNtfySetDeliveryAddress
Print
NWDPNtfySetLanguageId
Print
NWDPNtfySetMethodId
Print

NWDPNtfySetSupplierId
Print
NWDPNtfyUseProfileRef
Print
NWDPNtfyValidateMethodInfoRef
Print
NWDPNtfyValidateProfileRef
Print
NWDPNtfyValidateRef
Print
NWDPOidCmp
Print
NWDPOidCreateRefBasedOnASCII
Print
NWDPOidCreateRefBasedOnOid
Print
NWDPOidCreateRefBasedOnString
Print
NWDPOidGetAttrCharacteristics
Print
NWDPOidInterpretRef
Print
NWDPOidInterpretRefAsASCII
Print
NWDPOidInterpretRefValue
Print
NWDPOidInterpretRefWithClosest
Print
NWDPOidListRefValues
Print
NWDPOidMakeOidPtrFromOidRef
Print
NWDPOidReleaseRef
Print
NWDPOidSetListCallback
Print
NWDPOidValidateRef
Print
NWDPOidValueListCallback
Print
NWDPOSAddOid
Print
NWDPOSCreateRef
Print
NWDPOSListOids

Print
NWDPOSReleaseRef
Print
NWDPOSRemoveOid
Print
NWDPOSUseRef
Print
NWDPOSValidateRef
Print
NWDPPrtAddInstalledPrinter
Print
NWDPPrtAddInstalledPrtWConfig
Print
NWDPPrtAddJobConfig
Print
NWDPPrtAddPrinterObjToPA
Print
NWDPPrtChangeMedia
Print
NWDPPrtControl
Print
NWDPPrtCreateMODObject
Print
NWDPPrtCreateRefBasedOnAddr
Print
NWDPPrtCreateRefBasedOnFQN
Print
NWDPPrtCreateRefBasedOnLabel
Print
NWDPPrtCreateRefBasedOnPort
Print
NWDPPrtCreateRefBasedOnPSM
Print
NWDPPrtDeleteAllJobs
Print
NWDPPrtDeleteMODObject
Print
NWDPPrtDownloadInterventionCB
Print
NWDPPrtDriverDownload
Print
NWDPPrtGetAttributeSet
Print
NWDPPrtGetDefaultPrinter

Print
NWDPPrtGetDriverKeyName
Print
NWDPPrtGetFQN
Print
NWDPPrtGetJobConfig
Print
NWDPPrtGetLabel
Print
NWDPPrtGetMODObjectAttrSet
Print
NWDPPrtGetPort
Print
NWDPPrtGetPrinterInfo
Print
NWDPPrtGetRefType
Print
NWDPPrtGetStatus
Print
NWDPPrtGlobalListCallback
Print
NWDPPrtInstalledListCallback
Print
NWDPPrtJobConfigListCallback
Print
NWDPPrtJobCopy
Print
NWDPPrtJobListCallback
Print
NWDPPrtJobMove
Print
NWDPPrtListGlobalPrinters
Print
NWDPPrtListInstalledPrinters
Print
NWDPPrtListJobConfigs
Print
NWDPPrtListJobs
Print
NWDPPrtListMODObjects
Print
NWDPPrtModifyAttrs
Print
NWDPPrtModifyMODObjectAttrs
Print

NWDPPrtReleaseRef
Print
NWDPPrtRemoveInstalledPrinter
Print
NWDPPrtRemoveJobConfig
Print
NWDPPrtRemovePrinterObjFromPA
Print
NWDPPrtRenameJobConfig
Print
NWDPPrtResyncWithNameService
Print
NWDPPrtSetDefaultPrinter
Print
NWDPPrtSetLabel
Print
NWDPPrtShutdownPA
Print
NWDPPrtStartupPA
Print
NWDPPrtSyncInstalledPrinters
Print
NWDPPrtUseRef
Print
NWDPPrtValidateRef
Print
NWDPPsmAddPA
Print
NWDPPsmAddPAAndAssignPrinterObj
Print
NWDPPsmCancelShutdownPSM
Print
NWDPPsmCreateMODObject
Print
NWDPPsmCreateRefBasedOnAddr
Print
NWDPPsmCreateRefBasedOnFQN
Print
NWDPPsmDeleteMODObject
Print
NWDPPsmDestroyRef
Print
NWDPPsmGetConnectionStatus
Print

NWDPPsmGetFQN
Print
NWDPPsmGetMODObjectAttrSet
Print
NWDPPsmListMODObjects
Print
NWDPPsmListPAs
Print
NWDPPsmModifyMODObjectAttrs
Print
NWDPPsmPAListCallback
Print
NWDPPsmRemovePA
Print
NWDPPsmShutdownPA
Print
NWDPPsmShutdownPSM
Print
NWDPPsmStartupPA
Print
NWDPPsmValidateRef
Print
NWDPResAddResourceFile
Print
NWDPResCreateRefBasedOnAddr
Print
NWDPResCreateRefBasedOnFQN
Print
NWDPResCreateRefBasedOnSrsSAP
Print
NWDPResDeleteResourceFile
Print
NWDPResDestroyRef
Print
NWDPResGetFQN
Print
NWDPResGetResourceFile
Print
NWDPResGetResourceFileDate
Print
NWDPResListCallback
Print
NWDPResListResource
Print
NWDPResValidateRef

Print
NWDPSrsCreateRefBasedOnAddr
Print
NWDPSrsCreateRefBasedOnFQN
Print
NWDPSrsCreateRefBasedOnSAP
Print
NWDPSrsDeregisterServer
Print
NWDPSrsDestroyRef
Print
NWDPSrsGetConnectionStatus
Print
NWDPSrsGetFQN
Print
NWDPSrsListServers
Print
NWDPSrsRegisterServer
Print
NWDPSrsServersListCallback
Print
NWDPSrsValidateRef
Print

Division, mathematical
NLM Programming

DNS database
accessing
Communication

Documentation, online
basic information about
SDK Roadmap
searching
SDK Roadmap

Documents
adding to print jobs
Print
cancelling within print jobs
Print
creating document objects
Print
creating references for, based on ID

Print
deleting references for
Print
IDs for, obtaining
Print
print attribute sets for, obtaining
Print
print attributes of, changing
Print
reference of, validating
Print
submitting for printing
Print
writing data to
Print

Domains
in memory protection
NLM Programming

DOMAIN.NLM
NLM Programming
loading
NLM Programming

DOS
drives
File

DOS client
Borland compiler, setting up
General Information/Getting Started
libraries
General Information/Getting Started
Microsoft compiler, setting up
General Information/Getting Started
programming environment, testing
General Information/Getting Started
setting up
General Information/Getting Started

DOS files
moving
File
searching for
File

DOS partition

closing files in
File
creating files in
File
definition of
File
functions
File
opening files in
File
reading files in
File
searching files in
File
writing to files in
File

DOS Partition Services

DOSClose
File
DOSCopy
File
DOSCreate
File
DOSFindFirstFile
File
DOSFindNextFile
File
DOSMkdir
File
DOSOpen
File
DOSPresent
File
DOSRead
File
DOSRemove
File
DOSRmdir
File
DOSsopen
File
DOSUnlink

File
DOSWrite
File
find_t
File

DOS, present in memory
File

Double-byte characters
functions for
Internationalization

Drive duplexing
NLM Programming

Drive mapping table
obtaining
Management

Drive mappings
network
File

Drive numbers
See also Logical drive numbers

Drivers
LAN
See LAN drivers
registered with Asynchronous I/O
Communication

Dynamic Array Block (DAB)
NLM Programming

Dynamic arrays
allocating an entry
NLM Programming
deallocating an entry
NLM Programming
elements
NLM Programming
entries
NLM Programming
expanding

NLM Programming
functions
NLM Programming
generating indexes to entries in
NLM Programming

Dynamic messages
NLM Programming

Dynamic socket
Communication

DynaText
finding things with
SDK Roadmap

EEE

ECBs

Communication
fields
Communication
immediate address field, filling
NLM
Communication
immediate address value, obtaining
DOS
Communication
immediate address, value of
Windows
Communication
initializing
Communication
IPX
cancelling
Communication
maintaining
Communication
managing
Communication
queued on queue head, NLM
Communication
queues
Communication
socketless
Communication
socket-based
Communication
SPX, cancelling
NLM
Communication

Editing functions

in NWSNUT
NLM Programming

Effective rights

calculating
NDS/Bindery
obtaining
File
of bindery objects, obtaining
NDS/Bindery
of NDS objects
NDS/Bindery
determining
NDS/Bindery

Elements, in dynamic arrays
NLM Programming

Enabling
See Internationalization

Encryption
asymmetrical
NDS/Bindery
in NDS authentication
NDS/Bindery
private key
NDS/Bindery
public key
NDS/Bindery
symmetrical
NDS/Bindery

End-of-file
testing for
File
for stream
File

End-of-job
issuing
Management

Entities
AppleTalk
mapping to address
Communication
internet address
Communication
NBP

Communication
creating
Communication
translation of
Communication

Entries, in dynamic arrays
NLM Programming

Entry IDs
AFP files
File

Environment
restoring
NLM Programming
saving
NLM Programming
variable
NLM Programming

Environmental variables
processing for Application Launcher
Management
QMK386.EXE
General Information/Getting Started

EOF
locating
File

errno
breaking on, for an NLM
NLM Programming

Error indicator, testing for
File

Error messages
for licensing, obtaining
Management
NWSNUT
displaying
NLM Programming
printing
NLM Programming

Error number, mapping to error message

NLM Programming

Errors

breaking on, for an NLM
NLM Programming
BSD
Communication
custom error handlers
for connection timeouts
Connection
for math functions
NLM Programming
datagram
Communication
EPROTO
Communication
errno
General Information/Getting Started
for math functions
matherr
NLM Programming
RegisterMatherrHandler
NLM Programming
in NWSNUT
NLM Programming
licensing
See Licensing errors
NetWareErrno
General Information/Getting Started
NWSIPX, determining whether a request resulted in
Communication
protocol
Communication
spawnlp and spawnvp
General Information/Getting Started
timeout
for connections, handling
Connection
TLI
Communication
TLI error handling
Communication
t_errno

Communication
volume creation
File

Ethernet 802.3

and IPX checksums
Communication

Event bits

Media Manager
File

Event Control Blocks

See ECBs

Event handlers

login
Login

Event notification

for NWSIPX
See NWSIPX event notification

Event notification methods

changing, for NWSIPX
Communication

Events

See also Alerts
accounting
Management
AppleTalk
See AppleTalk events
asynchronous (TLI)
Communication
auditing
See Auditing events
cancelling
NLM Programming
datagram error
Communication
IPX
See IPX events
IPX, cancelling
DOS
Communication

login
See Login events
management functions
NLM Programming
PAP
retrieving
Communication
printing
See Print events
print, adding to detail event objects
Print
registering
NLM Programming
reporting functions
NLM Programming
SPX, cancelling
Communication
time change
NLM Programming
TLI
See TLI events
transport
See Transport events
unregistering
NLM Programming

Exception handlers
login
Login

Execution Profilers for NLM applications
NLM Programming

Execution threads
See Threads

Explicit registration
finding valid zones
Communication
of zones
Communication

Exponential function, computing
NLM Programming

Exponents, computing

NLM Programming

Export list
NLM Programming

Exported symbols
obtaining pointers to
NLM Programming

Extended Attribute Services
NWCloseEA
File
NWFindFirstEA
File
NWFindNextEA
File
NWGetEAHandleStruct
File
NWOpenEA
File
NWReadEA
File
NWWriteEA
File
structures
NW_EA_FF_STRUCT
File
NW_EA_HANDLE
File
T_enumerateEAnoKey
File
T_enumerateEAwithKey
File

Extended attributes
accessing
File
closing
File
extants used by
File
finding first
File
finding next
File

functions
File
getting handles for
File
information stored in
File
names of
File
number of
File
opening
File
reading
File
retrieving for open file
File
scanning for
File
selecting by name
File
setting
File
writing to
File

Extended directory space

number of extants
File
number of unused extants
File

Extended file attributes

described
File
for a directory, obtaining
File
index bit, no longer supported
File
obtaining
File
setting
File

External status bit masks

reading

Communication

External symbols
eliminating dependencies on
NLM Programming

FFF

Fastwrite (AppleTalk)
Communication

FAT
space used by
File

Fault tolerance
in servers
See SFT III

FCNTL.H access fields
File

Features
of this SDK
General Information/Getting Started

FIELD structure
NLM Programming

Fields
in NWSNUT forms
See Form fields, NWSNUT

File access permissions
changing
File

File allocation table
See FAT

File attributes
extended
See Extended file attributes
for UNIX modes
File
low-order attribute byte
File
setting

File
stored in DET
File

File descriptors

ASP
binding
Communication
opening
Communication
ATP
Communication
converting to SLS
Communication
DDP
Communication
PAP
making into SLS
Communication
polling
Communication
WSS or SSS
Communication

File Engine Services

CountComponents
File
FEConvertDirectoryNumber
File
FEcreat
File
FEFlushWrite
File
FEGetCWDnum
File
FEGetCWVnum
File
FEGetEntryVersion
File
FEGetOpenFileInfo
File
FEGetOpenFileInfoForNS
File
FEGetOriginatingNameSpace
File

FEMapConnsHandleToVolAndDir
File
FEMapHandleToVolumeAndDirectory
File
FEMapPathVolumeDirToVolumeDir
File
FEMapVolumeAndDirectoryToPath
File
FEMapVolumeAndDirectoryToPathForNS
File
FEMapVolumeNumberToName
File
FERegisterNSPathParser
File
FESetCWDnum
File
FESetCWVandCWDnums
File
FESetCWVnum
File
FESetOriginatingNameSpace
File
FEsopen
File

File extents, determining
File

File handles
File
associating streams with
File
connection handles for, obtaining
File
controlling
File
conversion functions
File
converting
File
local to NetWare
File
NetWare to local
File
copying

File
directory numbers of, obtaining
File
NetWare to local, converting
File
of streams, getting
File
types of
File
volume numbers of, obtaining
File

File information

AFP
See AFP file information
retrieving
File
setting
File
stored in DET
File

File I/O

advanced functions
NLM Programming

File I/O Services

NWConvertFileHandle
File
NWConvertHandle
File

File length

determining
File

File lengths

of compressed and uncompressed files
setting
File

File log table

File
clearing files from
File
logging files

File

File node, defined
File

File paths
See Paths
File
NetWare
File

File position
File
read/write, in stream
File
setting
in streams
File
setting indicator
File

File position indicator
setting
File

File server
advertising services
Communication

File Server Environment Services
See Server Environment Services

File servers
See Servers

File system
monitoring
File
programming example
File
search attributes
File
statistics, obtaining
Management
transactions that can be monitored
File

File system monitoring

File
after execution
File
before execution
File
functions
File
structures
File

File System Monitoring Services

CloseFileCallBackStruct
File
CreateAndOpenCallBackStruct
File
CreateFileCallBackStruct
File
DeleteDirCallBackStruct
File
EraseFileCallBackStruct
File
GenericEraseFileCBStruct
File
GenericModifyDOSInfoCBStruct
File
GenericModifyNSInfoCBStruct
File
GenericOpenCreateCBStruct
File
GenericPurgeDeletedCBStruct
File
GenericRenameCBStruct
File
GenericSalvageDeletedCBStruct
File
ModifyDirEntryCallBackStruct
File
NWAddFSMonitorHook
File
NWRemoveFSMonitorHook
File
OpenFileCallBackStruct
File

PurgeDeletedCallBackStruct
File
RenameMoveEntryCallBackStruct
File
RenameNSEntryCallBackStruct
File
SalvageDeletedCallBackStruct
File

File System Serfvices

SalvageErasedFile
File

File system Services

File
access
File
chdir
File
chmod
File
closedir
File
DIR
File
emask
File
FileServerFileCopy
File
getcwd
File
GetExtendedFileAttributes
File
mkdir
File
NWAddTrustee
File
NWAddTrusteeToDirectory
File
NWAllocPermanentDirectoryHandle
File
NWAllocTemporaryDirectoryHandle
File
NWCreateDirectory
File

NWDeallocateDirectoryHandle
File
NWDeleteDirectory
File
NWDeleteTrustee
File
NWDeleteTrusteeFromDirectory
File
NWEraseFiles (obsolete 6/96)
File
NWFileSearchContinue (obsolete 6/96)
File
NWFileSearchInitialize (obsolete 6/97)
File
NWFileServerFileCopy
File
NWGetCompressedFileLengths
File
NWGetDirectoryDirEntryNumber
File
NWGetDirectoryHandlePath
File
NWGetDirSpaceInfo
File
NWGetDirSpaceLimitList
File
NWGetDiskIOsPending
File
NWGetEffectiveRights
File
NWGetExtendedFileAttributes2
File
NWGetFileConnectionID
File
NWGetFileDirEntryNumber
File
NWGetSparseFileBitMap
File
NWIntEraseFiles
File
NWIntFileSearchContinue
File
NWIntFileSearchInitialize
File
NWIntMoveDirEntry

File
NWIntScanDirectoryInformation2
File
NWIntScanDirEntryInfo
File
NWIntScanExtendedInfo
File
NWIntScanFileInformation2
File
NWIntScanForTrustees
File
NWModifyMaximumRightsMask
File
NWMoveDirEntry (obsolete 6/96)
File
NWParseConfig
File
NWRenameDirectory
File
NWRenameFile
File
NWRestoreDirectoryHandle
File
NWSaveDirectoryHandle
File
NWScanConnectionsUsingFile
File
NWScanDirectoryForTrustees2
File
NWScanDirectoryInformation2 (obsolete 6/96)
File
NWScanDirEntryInfo (obsolete 6/96)
File
NWScanExtendedInfo (obsolete 6/96)
File
NWScanFileInformation2 (obsolete 6/96)
File
NWScanOpenFilesByConn2
File
NWSetCompressedFileLengths
File
NWSetCompressedFileSize
File
NWSetDirectoryHandlePath

File
NWSetDirectoryInformation
File
NWSetDirEntryInfo
File
NWSetDirSpaceLimit
File
NWSetExtendedFileAttributes2
File
NWSetFileAttributes
File
NWSetFileInformation2
File
NWSetNetWareErrorMode
File
NWVolumeIsCDROM
File
opendir
File
PurgeErasedFile
File
readdir
File
remove
File
rename
File
rmdir
File
ScanErasedFiles
File
SetExtendedFileAttributes
File
SetFileInfo
File
SetReaddirAttribute
File
stat
File
stat (Function)
File
structures
CONNS_USING_FILE
File
CONN_USING_FILE

File
DIR_SPACE_INFO
File
GrammarTableStruct
File
ModifyStructure
File
NWDIR_INFO
File
NWENTRY_INFO
File
NWET_INFO
File
NWFILE_INFO
File
NW_EXT_FILE_INFO
File
NW_FILE_INFO2
File
NW_LIMIT_LIST
File
OPEN_FILE_CONN
File
OPEN_FILE_CONN_CTRL
File
PARAMETER_TABLE_TYPE
File
SEARCH_DIR_INFO
File
SEARCH_FILE_INFO
File
SetTableStruct
File
TRUSTEE_INFO
File
TypeDefaultStruct
File
tmpnam
File
unlink
File
utime
File
VOLUME_INFO

File
VOLUME_STATS
File
_makepath
File
_NWConvertHandle (obsolete 6/97)
File
_splitpath
File

Filenames

obtaining for a given name space
File
setting for a different name space
File
wildcard characters in
File

Files

See also Directory entries
access mode, changing
File
access operations
File
access permissions
File
AFP
See AFP files
associating with buffers
File
audit
See Audit files
audit history
See Audit history files
auditing events for
Management
closing
File
all stream files
File
direct file mode
File
stream file
File
compressed

See Compressed files
setting lengths of
File
connection handles for, obtaining
File
connections using, scanning
File
copying
File
to another file
File
copying portions of
File
creating
for a name space
File
in a given name space
File
in direct file mode
File
in direct mode
File
nonDOS
File
temporary binary
File
deleted
functions
File
NetWare version issues
File
NetWare 2.2
File
NetWare 3.11 and above
File
purging
File
purging and recovering
File
recovering
File
salvaging
File
scanning for
File

File
deleting
File
detecting the opening of, for an NLM
NLM Programming
end-of-file, testing for
File
erased
purging
File
recovering (NetWare 2.2)
File
erased, salvaging
File
erasing
in a given name space
File
expanding
DFS
File
extended attributes
obtaining
File
setting
File
extended attributes of
See Extended attributes
extended file attributes for, obtaining
File
extending
in direct mode
File
first-level
See First-level files
flushing pending writes for
File
functions operating on
File
handles for
See File handles
in DOS partition
closing
File
copying
File

creating
File
opening
File
opening for shared access
File
reading
File
searching
File
writing to
File
in NetWare partition
accessing
File
information about
functions
File
updating
File
information about, accessing
NetWare 2.2 and above
File
NetWare 3.11 and above
File
I/O operations
File
locating beginning and ending of
File
locking
File
locking and logging
File
Mac OS
See AFP files
Macintosh
See AFP files
migrated
See also Data migration
demigrating
File
information about
File
number of
File

File
size of
File
space used by
File
migrating
See Data migration
migrating to long-term storage
File
modes, normal and direct
File
modification time
File
moving
File
names of
for a name space
File
oldest on volume, age of
File
opening
File
and associating a stream with
File
for a name space
File
in a given name space
File
in direct file mode
File
Non-DOS
File
open, information about
File
owning name space for, obtaining
File
permission mask
File
physical record locks of, scanning for
File
portions of, copying
File
position in
File
setting

File
purging
File
reading
File
disk sectors using DFS
File
from cache memory
NLM Programming
recovering
File
example code
File
NetWare 2.2
File
renaming
File
salvageable
scanning for
File
salvaging
File
example code
File
NetWare 2.2
File
scanning erased
File
searching for
File
second-level
See Second-level files
sets of
locking
File
unlocking
File
unlocking without removing from the log table
File
setting
search attributes
File
size of
File
setting size of

setting size of
File
sparse
bitmaps of
File
status of
File
striping
File
structure of
File
testing whether AFP
File
to be printed, changing download method for
Print
trustees of
adding
File
deleting
File
uncompressed
setting lengths of
File
UNIX Streams
File
unlocking
File
without removing from the log table
File
unlocking data in
File
usage
monitoring
File
usage of
functions
File
writing to
NLM Programming
using DFS
File
writing to stdout
File
zero-filling
File

Filter event objects
removing from print notification profiles
Print

Filters
print
See Print filters

Finder
information for, stored in files
File

Finding information
SDK Roadmap

First-level files
creating
File
file paths
File
opening
File

Flags
auditing
See Auditing
Management
debugging
NLM Programming

Floating-point numbers
converting
to strings
NLM Programming

Floating-point operations
breaking a floating-point number
NLM Programming
computing the remainder
NLM Programming
multiplying by integral of 2
NLM Programming

Folders
listing

for current user
Management

Foreign languages
See Languages

Foreign languages, supporting
See Internationalization

Form fields, NWSNUT
NLM Programming
attributes of
NLM Programming
boolean choice
appending
NLM Programming
comment
NLM Programming
appending
NLM Programming
creating
NLM Programming
custom
NLM Programming
appending
NLM Programming
custom data for
NLM Programming
help context
NLM Programming
hex
appending
NLM Programming
hot spot
appending
NLM Programming
integer
appending
NLM Programming
menu
NLM Programming
appending
NLM Programming
password
appending
NLM Programming

prompt
NLM Programming
appending
NLM Programming
routines connected with
NLM Programming
string fields
appending
NLM Programming
string fields, scrollable
appending
NLM Programming
structure of
NLM Programming
types of
NLM Programming
unsigned integer
appending
NLM Programming
video attributes for
NLM Programming

Format control
scanning input under
NLM Programming
writing output to console under
NLM Programming
internationalization enabled
NLM Programming
writing to streams
File

Format strings
reordering vector for, creating
Internationalization

Formats
accounting comments
Management
accounting rate properties
Management
of storage media (Media Manager)
File

Formatting numeric quantities according to the current

locale

Internationalization

Forms

appending to
- boolean fields
  - *NLM Programming*
- comment fields
  - *NLM Programming*
- custom fields
  - *NLM Programming*
- hex fields
  - *NLM Programming*
- hot spot fields
  - *NLM Programming*
- integer fields
  - *NLM Programming*
- menu field
  - *NLM Programming*
- password fields
  - *NLM Programming*
- prompt fields
  - *NLM Programming*
- string fields
  - *NLM Programming*
- string fields, scrollable
  - *NLM Programming*
- unsigned integer fields
  - *NLM Programming*

destroying
- *NLM Programming*

editing
- *NLM Programming*

initializing
- *NLM Programming*

menu fields in
- initializing
  - *NLM Programming*

repainting
- *NLM Programming*

routines for fields in
- *NLM Programming*

Forms, NWSNUT

NLM Programming

building
NLM Programming
creating
NLM Programming
destroying
NLM Programming
displaying
NLM Programming
fields
See Form fields, NWSNUT
user access to
NLM Programming
using
NLM Programming

Frame types
loaded on a server
Management

Frames
types loaded on a server
Management

Freeing memory space
NLM Programming

Function descriptions
described
General Information/Getting Started

Function keys
disabling
NLM Programming
enabled, saving a list of
NLM Programming
enabling
NLM Programming
enabling a list of
NLM Programming

Function keys, in NWSNUT
NLM Programming

Functions
blocking
NLM Programming

called by an NLM, listing
NLM Programming
exporting
NLM Programming
Limited Support
NLM Programming
new in NetWare 4.0
NLM Programming
NLM equivalents for VAP functions
NLM Programming
nonblocking
NLM Programming
obsolete
NLM Programming
obsoletion process for
General Information/Getting Started
renamed
NLM Programming

F_GETFL command
File

F_SETFL command
File

GGG

Garbage collection
statistics, obtaining
Management

General service queries
Communication

GetCurrentConnectionID
NLM Programming

GetDefaultConnectionID
NLM Programming

Global data
for NLM applications
NLM Programming
for threads
NLM Programming
hierarchy
NLM Programming
NetWare 4.x
NLM Programming
of NLM applications
NLM Programming
of thread groups
NLM Programming

Global variables
daylight
Management
timezone
Management
tzname
Management
t_errno
Communication

GMT
See UTC time

HHH

Handicapping threads
NLM Programming

Handles
auditing
See Auditing handles
mapping to NLM ID
NLM Programming
NLM
NLM Programming

Hardware
requirements for development
General Information/Getting Started

Hardware clock
setting
NLM Programming
avoiding problems when
NLM Programming

Hardware ports
reading bytes from
NLM Programming
writing
bytes to
NLM Programming
double words to
NLM Programming
words to
NLM Programming

Hardware port, reading bytes from
NLM Programming

Hashing
determining whether occurring
File

Headers

DDP
Communication

HELLO.NLM
building with WATCOM IDE
General Information/Getting Started
building with WATCOM WMAKE
General Information/Getting Started
building with WMAKE
General Information/Getting Started

Help
getting developer support
General Information/Getting Started

Help context
in NWSNUT
NLM Programming

Help screens, NWSNUT
NLM Programming

Help, NWSNUT
context
popping from help stack
NLM Programming
saving
NLM Programming
for a form field
NLM Programming
pre-help portals
NLM Programming
using
NLM Programming

Hex fields, appending to form
NLM Programming

Hexadecimal characters, testing for
Internationalization
NLM Programming

Hexadecimal, converting to integer
NLM Programming

Hops

to a server, obtaining
Management

Horizontal position of input cursor
NLM Programming

Hosts
obtaining
by Internet address
Communication
by name
Communication

HOSTS database
closing
Communication
ending access of
Communication
next entry in
Communication
opening
Communication

Hot Fix
layer in volume management
File

Hot spot fields, appending to form
NLM Programming

Human jukebox
definitions
File

Hyperbolic cosine, computing
NLM Programming

Hyperbolic sine, computing
NLM Programming

Hyperbolic tangent, computing
NLM Programming

Hypotenuse of right triangle, computing
NLM Programming

III

Icon resource files
extracting DIB from
Management
using to create icons
Management

Icons
bitmaps for, obtaining from handle
Management
creating
from DIB information
Management
creating from an icon resource file
Management
reading from a binary file
Management

IDs
connection
See Connection handles
NCP extension
See NCP extension IDs
of bindery objects, obtaining
NDS/Bindery

Import list
NLM Programming

Include files
for internationalization
Internationalization

Information
about the AppleTalk interface
Communication

Inheritance
NDS
NDS/Bindery
inheritance masks

NDS/Bindery

Inherited rights filters

NDS/Bindery

Input

keyboard
NWSNUT
NLM Programming
scanning
File
NLM Programming
from console under format control
NLM Programming
from screen
NLM Programming
from stream under format control
File

Input/Output

stream
File

Integer fields, appending to form

NLM Programming

Integers

computing absolute value of
NLM Programming
computing largest below a given value
NLM Programming
computing smallest
NLM Programming
converting
strings to
Internationalization
NLM Programming
to strings
Internationalization
NLM Programming
converting unisgned integer to a string in base notation
Internationalization
converting unsigned integer into a string in base notation
NLM Programming
converting unsigned long integer to a string in base notation

Internationalization
NLM Programming
largest of two, computing
NLM Programming
long, reversing bytes of
Management
pseudo-random, generating
NLM Programming
reversing bytes of
Management
rotating to the left
Management
rotating to the right
Management
smallest of two, computing
NLM Programming

Internal network

AppleTalk
Communication
explicit registration
Communication
explicit zone registration
Communication

Internationalization

alphanumeric testing functions
Internationalization
ANSI functions, equivalents for
Internationalization
collation functions
Internationalization
data categories
Internationalization
double-byte functions
Internationalization
for AppleTalk
Communication
include files
Internationalization
locale information functions
Internationalization
locales
Internationalization
money functions

Internationalization
multibyte functions
Internationalization
NLM specific functions
Internationalization
NWLmblen
Internationalization
NWLmbslen
Internationalization
overview
Internationalization
PAP status string
Communication
parameter reordering
See Parameter reordering
printf functions
Internationalization
string functions
Internationalization
tools for
NLM Programming
ZIP (AppleTalk)
Communication

Internationalization Services

Internationalization
AddLanguage
Internationalization
GetCurrentOSLanguageID
Internationalization
LoadLanguageMessageTable
Internationalization
localeconv
Internationalization
NWatoi
Internationalization
NWCharLwr
Internationalization
NWCharType
Internationalization
NWCharUpr
Internationalization
NWCharVal
Internationalization
NWfprintf

Internationalization
NWGetCollateTable
Internationalization
NWGetNWLOCALEVersion
Internationalization
NWIncrement
Internationalization
NWisalnum
Internationalization
NWisalpha
Internationalization
NWisdigit
Internationalization
NWisxdigit
Internationalization
NWitoa
Internationalization
NWLInsertChar
Internationalization
NWLlocaleconv
Internationalization
NWLsetlocale
Internationalization
NWLstrbcpy
Internationalization
NWLstrchr
Internationalization
NWLstrcoll
Internationalization
NWLstrcspn
Internationalization
NWLstrftime
Internationalization
NWLstricmp
Internationalization
NWLstrlwr
Internationalization
NWLstrpbrk
Internationalization
NWLstrrchr
Internationalization
NWLstrrev
Internationalization
NWLstrspn

Internationalization
NWLstrstr
Internationalization
NWLstrtok
Internationalization
NWLstrupr
Internationalization
NWLstrxfrm
Internationalization
NWltoa
Internationalization
NWLTruncateString
Internationalization
NWNextChar
Internationalization
NWPrevChar
Internationalization
NWprintf
Internationalization
NWsprintf
Internationalization
NWstrlen
Internationalization
NWstrlmoney
Internationalization
NWstrmoney
Internationalization
NWstrncoll
Internationalization
NWstrncpy
Internationalization
NWstrnum
Internationalization
NWultoa
Internationalization
NWutoa
Internationalization
NWvfprintf
Internationalization
NWvprintf
Internationalization
NWvsprintf
Internationalization
NWwsprintf (obsolete 9/97)
Internationalization

RenameLanguage
Internationalization
ReturnLanguageName
Internationalization
SetCurrentOSLanguageID
Internationalization
setlocale
Internationalization
structures
lconv
Internationalization

Internet

accessing DNS and NIS databases
Communication
NetWare support
Communication

Internet address

constructing from Internet network number and local network address
Communication
converting Internet dotted notation into
Communication
converting to Internet standard dotted notation
Communication
obtaining hosts by
Communication

Internet addresses

AppleTalk
Communication
converting
Communication
for a connection on a server, obtaining
Connection
overwriting
Communication
structure, AppleTalk
Communication

Internet dotted notation

converting to Internet address
Communication

Internet Library

See TCP/IP

See TCP/IP

Internet Network Library Services

endhostent
Communication
endnetent
Communication
endprotoent
Communication
endservent
Communication
gethostbyaddr
Communication
gethostbyname
Communication
gethostent
Communication
gethostid
Communication
gethostname
Communication
getnetbyaddr
Communication
getnetbyname
Communication
getnetent
Communication
getprotobyname
Communication
getprotobynumber
Communication
getprotoent
Communication
getservbyname
Communication
getservbyport
Communication
getservent
Communication
hostent
Communication
htonl
Communication
htons
Communication

inet_addr
Communication
inet_makeaddr
Communication
inet_network
Communication
inet_ntoa
Communication
in_addr
Communication
NetDBendhostent
Communication
NetDBgethostbyaddr
Communication
NetDBgethostbyname
Communication
NetDBgethostent
Communication
NetDBsethostent
Communication
NETDB_DEFINE_CONTEXT macro
Communication
NETDB_USE_INTERNET macro
Communication
netent
Communication
ntohl
Communication
ntohs
Communication
NWendhostent
Communication
NWendnetent
Communication
NWendprotoent
Communication
NWendservent
Communication
NWgethostbyaddr
Communication
NWgethostbyname
Communication
NWgethostent
Communication
NWgetnetbyaddr

Communication
NWgetnetbyname
Communication
NWgetnetent
Communication
NWgetprotobyname
Communication
NWgetprotobynumber
Communication
NWgetprotoent
Communication
NWgetservbyname
Communication
NWgetservbyport
Communication
NWgetservent
Communication
NWinet_ntoa
Communication
NWsethostent
Communication
NWsetnetent
Communication
NWsetprotoent
Communication
NWsetservent
Communication
nwsockent
Communication
protoent
Communication
servent
Communication
sethostent
Communication
setnetent
Communication
setprotoent
Communication
setservent
Communication

Internet network number

contruction Internet adress from

Communication

Internet standard dotted notation
converting Internet address to
Communication
converting to Internet network number
Communication

Internetwork addresses
obtaining
DOS
Communication
NLMe
Communication
Windows
Communication

Interrupt keys
disabling
NLM Programming
disabling, all
NLM Programming
enabling
NLM Programming
list of
NLM Programming
saving a list of
NLM Programming

Interrupt keys, in NWSNUT
NLM Programming

Intra-node packets, definition of
Communication

IP
See also TCP/IP

IP address
of current host
Communication

IPX
See also IPX/SPX
See also NWSIPX
See also TCP/IPX
checksums

Communication
and Ethernet 802.3
Communication
functions
Communication
negotiating
Communication
CPU, relinquishing control of
DOS
Communication
Windows
Communication
diagnostic statistics, resetting
NLM
Communication
diagnostic statistics, retrieving
NLM
Communication
entry address for
DOS
Communication
Windows
Communication
events, cancelling
DOS
Communication
features
Communication
freeing resources
Communication
functions
Communication
NLM
Communication
initializing
Communication
DOS
Communication
Windows
Communication
internetwork address, obtaining
DOS
Communication
registering IPX socket numbers with Novell

General Information/Getting Started
releasing resources used by (Windows)
Communication
sockets
See IPX sockets
statistics, obtaining
Management
version of
NLM
Communication

IPX connections

closing
DOS
Communication
establishing
NLM
Communication
terminating
NLM
Communication
Windows
Communication

IPX events

asynchronous, scheduling
Communication
cancelling
NLM
Communication
Windows
Communication
scheduling
DOS
Communication
Windows
Communication

IPX packets

cancelling
Communication
discontinuing sending of
DOS
Communication
listening for

Communication
DOS
Communication
Windows
Communication
maximum size of, for workstation
Windows
Communication
maximum size, for workstation
DOS
Communication
packet fragments, using
Communication
receiving
NLM
Communication
sending
Communication
DOS
Communication
NLM
Communication
Windows
Communication
structure of
Communication
types of
Communication
Novell defined
Communication
Xerox defined
Communication

IPX Protocol

IPX_ECB
Communication
IPX_HEADER
Communication
SPX_ECB
Communication

IPX Services

IPXCancelEvent (DOS)
Communication
IPXCancelEvent (Win)

Communication
IpxCancelEvent, IpxCancel Packet (NLM)
Communication
IpxCheckSocket (NLM)
Communication
IPXCloseSocket (DOS)
Communication
IpxCloseSocket (NLM)
Communication
IPXCloseSocket (Win)
Communication
IpxConnect (NLM)
Communication
IpxDisconnect (NLM)
Communication
IPXDisconnectFromTarget (DOS)
Communication
IPXDisconnectFromTarget (Win)
Communication
IpxGetAndClearQ (NLM)
Communication
IPXGetInternetworkAddress (DOS)
Communication
IpxGetInternetworkAddress (NLM)
Communication
IPXGetInternetworkAddress (Win)
Communication
IPXGetIntervalMarker (DOS)
Communication
IPXGetIntervalMarker (Win)
Communication
IPXGetLocalTarget (DOS)
Communication
IpxGetLocalTarget (NLM)
Communication
IPXGetLocalTarget (Win)
Communication
IPXGetLocalTargetAsynch (Win)
Communication
IPXGetMaxPacketSize (DOS)
Communication
IPXGetMaxPacketSize (Win)
Communication
IpxGetStatistics (NLM)
Communication

IpxGetVersion (NLM)
Communication
IPXInitialize (DOS)
Communication
IPXInitialize (Win)
Communication
IPXListenForPacket (DOS)
Communication
IPXListenForPacket (Win)
Communication
IPXOpenSocket (DOS)
Communication
IpxOpenSocket (NLM)
Communication
IPXOpenSocket (Win)
Communication
IpxReceive (NLM)
Communication
IPXRelinquishControl (DOS)
Communication
IPXRelinquishControl (Win)
Communication
IpxResetStatistics (NLM)
Communication
IPXScheduleIPXEvent (DOS)
Communication
IPXScheduleIPXEvent (Win)
Communication
IpxSend (NLM)
Communication
IPXSendPacket (DOS)
Communication
IPXSendPacket (Win)
Communication
IPXSPXDeinit (Win)
Communication

IPX sockets

closing
Communication
DOS
Communication
NLM
Communication

Windows
Communication
look-ahead sockets
Communication
managing
Communication
managing, with NWSIPX
Communication
opening
Communication
DOS
Communication
NLM
Communication
Windows
Communication
status of
NLM
Communication

IPX/SPX

Communication
ECBs
Communication
event service routines (ESRs)
Communication
calling IPX functions from
Communication
enabling interrupts
Communication
requirements for
Communication
implementation of
Communication
initializing
Communication
local management
Communication
managing sockets
Communication
NCP extensions as an alternative to
Communication
overview
Communication
sockets, IPX

See IPX sockets
sockets, SPX
See SPX sockets
TLI implementation notes
Communication

IPX/SPX/SPX II structures

IPX_OPTS
Communication
SPX2_OPTIONS
Communication
SPX_OPTMGMT
Communication
SPX_OPTS
Communication

Iteration handles, NDS

freeing
NDS/Bindery

I/O event handlers

login
Login

I/O redirection

File

JJJ

Jobs
PAP
accepting
Communication
print
See Print jobs

KKK

Keep-alive packets
Communication

Keyboard input
to NLM screens
NLM Programming
to NWSNUT
NLM Programming

Keystroke
reading from keyboard buffer
NLM Programming
testing whether available
NLM Programming

Known networks
information about
Management

Known servers
information about
Management

LLL

LAN boards
active
list of
Management
common counters for
Management
configuration of, obtaining
Management
custom counters for, obtaining
Management
protocol stack ID numbers for, listing
Management
statistics for
Management
statistics, obtaining
Management

LAN driver NLM applications
NLM Programming

LAN drivers
configuration of, obtaining
Management

LAN I/O
statistics, obtaining
Management

Language
for print notification profile, setting
Print

Languages
See also Internationalization
adding to server supported language list
Internationalization
language message table
Internationalization
obtaining language names
Internationalization

Internationalization
on server
current
Internationalization
renaming
Internationalization
setting for a server
Internationalization

LANs

configuration of
in SFT III
NLM Programming

Libraries

General Information/Getting Started
NWLOCALE
version of
Internationalization

Library NLM applications

NLM Programming
clients of
NLM Programming
considerations
NLM Programming
deregistering
NLM Programming
example
NLM Programming
functions
NLM Programming
registering
NLM Programming
writing
NLM Programming
writing without using the Library
NLM Programming

Library Services

DeregisterLibrary
NLM Programming
GetDataAreaPtr
NLM Programming
RegisterLibrary
NLM Programming

SaveDataAreaPtr
NLM Programming

License Certificate

Management
assignments
Management
Creation
Management
Overview of
Management
Request
Management
Security
Management

License certificates

adding non-secure information
Management
assignments
Management
deleting
Management
information about
presenting to the user
Management
information about, obtaining
Management
information in
Management
installing
Management
moving
Management
owner
Management
ownership of
Management
removing assignments from
Management
restricting
by assignment type
Management
retrieving
Management

transferring ownership of
Management
user
Management
viewing
Management

License handles
verifying
Management

License service providers
See LSPs

License units
in use, information about
Management
information about
Management

Licensed applications
Management

Licensed connections
Connection
unlicensing
Connection

Licenses
freeing resources associated with
Management

Licensing
See also NLS
available units, finding
Management
connections
Connection
license certificates
See License certificates
requesting resources for a software product
Management

Licensing contexts
freeing resources associated with
Management

Licensing errors
error message, obtaining
Management

Licensing servers
installation of
Management
loading
options
Management

Licensing systems
names of, obtaining
Management

Licensing transaction entries
retrieving
Management

Licensing transactions
retrieving
Management

Licensing units
users of, information about
Management

Limbo space (data migration)
File

Limited Support NLM functions
NLM Programming

Linker directive file, SYNCHRONIZE
NLM Programming

Linker directives
NLM Programming
AUTOUNLOAD
NLM Programming
CASEEXACT
NLM Programming
CHECK
NLM Programming
CODESTART
NLM Programming

COPYRIGHT
NLM Programming
CUSTOM
NLM Programming
DATASTART
NLM Programming
DATE
NLM Programming
DEBUG
NLM Programming
DESCRIPTION
NLM Programming
DOSSEG
NLM Programming
EXIT
NLM Programming
EXPORT
NLM Programming
FLAG_OFF
NLM Programming
FLAG_ON
NLM Programming
FORMAT
NLM Programming
FULLMAP
NLM Programming
HELP
NLM Programming
IMPORT
NLM Programming
INPUT
NLM Programming
LIBRARY
NLM Programming
MAP
NLM Programming
MESSAGES
NLM Programming
MODTRACE (W)
NLM Programming
MODULE
NLM Programming
MULTIPLE
NLM Programming

NAMELEN
NLM Programming
NODEFAULTLIBS
NLM Programming
OS_DOMAIN
NLM Programming
OUTPUT
NLM Programming
PATH
NLM Programming
PSEUDOPREEMPTION
NLM Programming
QUIET
NLM Programming
REENTRANT
NLM Programming
SCREENNAME
NLM Programming
SHARELIB
NLM Programming
STACK
NLM Programming
STACKSIZE
NLM Programming
STAMPEDDATA
NLM Programming
START
NLM Programming
SYMFILE
NLM Programming
SYMTRACE (W)
NLM Programming
SYNCHRONIZE
NLM Programming
THREADNAME
NLM Programming
TYPE
NLM Programming
UNDEFSOK
NLM Programming
VERBOSE
NLM Programming
VERSION
NLM Programming
XDCDATA

NLM Programming

Linkers

NLM Programming
directive files
NLM Programming
directives
See also Linker directives
NLM
NLM Programming
NLMLINK
NLM Programming
options
NLM Programming
using prefixes with exported symbols
NLM Programming
WLINK
NLM Programming

Linking

in VAP vs NLM applications
NLM Programming

List action procedure (NWSNUT)

NLM Programming

List elements, NWSNUT

adding
NLM Programming
custom data for
NLM Programming
deleting
NLM Programming
marking
NLM Programming

List entry procedure (NWSNUT)

NLM Programming

Listeners

ASP
Communication
ATP
Communication
DDP

Communication
multiple on one socket
Communication
registering
Communication
removing on file descriptor
Communication

Lists

stored by NDS
NDS/Bindery

Lists, portal

NLM Programming
adding items to
NLM Programming
allowing the user to edit
NLM Programming
appended to forms, initializing
NLM Programming
changing current
NLM Programming
changing list elements
NLM Programming
changing the current list
NLM Programming
creating
NLM Programming
default routine for comparing list elements
NLM Programming
deleting elements from
NLM Programming
deleting marked elements from
NLM Programming
destroying
NLM Programming
determining whether list elements are marked
NLM Programming
displaying
NLM Programming
initializing
NLM Programming
inserting elements into
NLM Programming
using a custom routine

NLM Programming
list action procedure
NLM Programming
list entry procedure
NLM Programming
manipulating
NLM Programming
obtaining first element in
NLM Programming
obtaining last element in
NLM Programming
pointers for current
NLM Programming
recalling saved
NLM Programming
routines to be called when a list item is selected
setting
NLM Programming
routines to execute when a list element is selected
NLM Programming
saving
NLM Programming
sorting
NLM Programming
sorting elements in
NLM Programming
sorting functions
obtaining
NLM Programming
setting
NLM Programming
user access to
NLM Programming
using
NLM Programming

LOAD console command

NLM Programming
parameters
NLM Programming
syntax
NLM Programming
using
NLM Programming

Loader

NLM Programming

loading multiple NLM applications

NLM Programming

steps in loading NLM applications

NLM Programming

Local code page

converting to Unicode

File

Local management

IPX/SPX

Communication

TLI

See TLI

Local network address

constructing Internet address from

Communication

Local semaphores

NLM Programming

functions

NLM Programming

Local server

NLM Programming

Local time

calculating from UTC time

NLM Programming

effect of setting the hardware clock on

NLM Programming

interactions with UTC time

NLM Programming

setting

NLM Programming

Locales

See also Internationalization

Internationalization

changing

Internationalization

converting

Internationalization

data affected by
Internationalization
information about
Internationalization
NetWare additions to
Internationalization
native
Internationalization
setting
Internationalization

Locale, selecting
Internationalization

Localization
See Internationalization

Locked accounts
accounting record format
Management

Locking
data in a file
File

Locks
See Data locks
in NLM development
NLM Programming

Log in time
for a connection
Connection

Logarithm
base 10, computing
NLM Programming
natural, computing
NLM Programming

Logging in
Login
NDS/Bindery
to a server
Login
to server
Connection

Connection
to servers
Management

Logging out

NDS/Bindery
connections
Connection
from server
Connection
from servers
Management

Logic errors, identifying

NLM Programming

Logical drive numbers

for volumes
File

Logical record sets

locking
File
unlocking
File
without removing from the log table
File

Logical records

locking
File
locks
scanning by name
File
scanning for
File
logging
File
unlocking
File
without removing from the log table
File

Login

Login
bindery

Login
data for, retrieving
Login
event handlers
Login
global data for, modifyiing
Login
initalizing
Login
initializing libraries for
Login
I/O events
processing
Login
I/O, handling
Login
NDS
Login
process, enhancing
Login
resources for
allocating
Login
deallocating
Login
version of
Login

Login dialog
bringing to front
Login
running
Login

Login event handlers
sending events to
Login

Login events
Login
delivery type of
Login
handling
Login
I/O

Login
sending to an event handler
Login
standard
Login

Login exceptions

handling
Login

Login extension

accessing Windows registry keys
Login
deleting Windows registry key set
Login
retrieving Windows registry key set
Login
writing to Windows registry
Login

Login Extension Services

NWLGDefaultEvtHandler
Login
NWLGDefaultExcptHandler
Login
NWLGDefaultIOHandler
Login
NWLGEVTSend
Login
NWLGGetLoginData
Login
NWLGIOEVTSend
Login
NWLGLoginExtRegDelete
Login
NWLGLoginExtRegGet
Login
NWLGLoginExtRegOpen
Login
NWLGLoginExtRegWrite
Login
NWLGOpenScriptFD
Login
NWLGSetCtrlBreak
Login
NWLGSetLoginData

Login
NWLG_BIND_ATTACH
Login
NWLG_BIND_SCRIPT_SERVER
Login
NWLG_CAPTURE_PRINTER
Login
NWLG_CLEAR_SCREEN
Login
NWLG_CMD_LINE_ARG_DONE
Login
NWLG_CMD_LINE_BIND_LOGIN
Login
NWLG_CMD_LINE_HELP
Login
NWLG_CMD_LINE_NS
Login
NWLG_CMD_LINE_SCRIPT_FILE
Login
NWLG_CMD_LINE_SERVICE
Login
NWLG_CMD_LINE_TREE
Login
NWLG_CMD_LINE_USER
Login
NWLG_CONN_AUTH
Login
NWLG_CONN_DCACHE_ADD
Login
NWLG_CONN_DCACHE_FIND
Login
NWLG_CONN_GET
Login
NWLG_DISP_BANNER
Login
NWLG_DISP_FILE
Login
NWLG_DISP_LINE
Login
NWLG_IO_BANNER
Login
NWLG_IO_CHANGE_PWD
Login
NWLG_IO_CLS

Login
NWLG_IO_CONFIRM_REATTACH
Login
NWLG_IO_DATA_BLOCK
Login
NWLG_IO_DOS_SWAP_PATH
Login
NWLG_IO_ERROR
Login
NWLG_IO_FILE
Login
NWLG_IO_FINISH_LOG
Login
NWLG_IO_FINISH_UI
Login
NWLG_IO_IDENTITY
Login
NWLG_IO_MSG_PAUSE
Login
NWLG_IO_SOUNDS
Login
NWLG_IO_START_LOG
Login
NWLG_IO_START_UI
Login
NWLG_IO_YES_NO
Login
NWLoginExtInit
Login
structures
NWLGLoginExtInfo
Login
NWLGMapRec
Login
NWLGScriptInfo
Login
NWLGSrvcConn
Login
NWLGUserID
Login
NWVersion
Login

Login extensions

associating with a login event/exception manager

Login
halting processing
Login
handler routines
Login
master
Login
overview
Login
registering
Login
return values
Login
secondary
Login
types of
Login
writing
Login

Login nodes

accounting record format
Management

Login scripts

rerouting processing of
Login

Login Services

NWLGBringLoginToFront
Login
NWLG_AVAILABLE_DRIVE
Login
NWLG_DISP_LTIME
Login
NWLG_DOS_BREAK
Login
NWLG_DOS_COMSPEC
Login
NWLG_DOS_PC_COMPAT
Login
NWLG_DOS_SWAP_PATH
Login
NWLG_DOS_VERIFY
Login

NWLG_DO_GOTO
Login
NWLG_DRIVE
Login
NWLG_DS_CONTEXT
Login
NWLG_EXEC
Login
NWLG_EXIT
Login
NWLG_FIRE_PHASERS
Login
NWLG_GET_FIRST_NETWORK_DRIVE
Login
NWLG_GET_LOCATION_NAME
Login
NWLG_GET_SCRIPT_LINE
Login
NWLG_INITIALIZE
Login
NWLG_INLUCDE
Login
NWLG_MACHINE
Login
NWLG_MAP_ADD
Login
NWLG_MAP_CHANGE
Login
NWLG_MAP_DEL
Login
NWLG_MAP_DISP
Login
NWLG_MAP_ERR
Login
NWLG_MAP_MOVE
Login
NWLG_MAP_MSG
Login
NWLG_MEMBER_OF
Login
NWLG_NOTHING
Login
NWLG_NOTIFY_LOGIN_NAMES
Login

NWLG_NOTIFY_PARENT_WINDOW
Login
NWLG_NOTIFY_PROGRESS
Login
NWLG_NO_BANNER
Login
NWLG_NO_DEFAULT
Login
NWLG_OPEN_SCRIPT
Login
NWLG_PARSE_SCRIPT_LINE
Login
NWLG_PAUSE
Login
NWLG_POST_SCRIPTS
Login
NWLG_PRESCRIPT_CLS
Login
NWLG_PRE_LOGIN
Login
NWLG_PRE_SCRIPTS
Login
NWLG_PROFILE
Login
NWLG_RESOLVE_USER_NAME
Login
NWLG_REWIND_SCRIPT
Login
NWLG_RUN_SCRIPT
Login
NWLG_SCRIPT_BREAK
Login
NWLG_SET_ENV_VAR
Login
NWLG_SYNCH_LIST_BLD
Login
NWLG_SYNCH_LIST_UPD
Login
NWLG_SYNC_TIME_FLAG
Login
NWLG_TERMINATE
Login
NWLG_TERM_CMD
Login
NWLG_TREE_ATTACH

Login
NWLG_UNKNOWN
Login
NWLogin
Login
NWLoginInit
Login
NWLoginTerm
Login
NWLoginUI
Login
NWLoginVersion
Login
structures
NWLGAccessRec
Login
NWLGStartInfo
Login
NWLGStartInfoCmdArgs
Login
NWLGStartInfoData
Login
NWLGStringElement
Login
NWLGUIStartInfo
Login

Logins

accepting
Management
enabled, determining whether
Management
refusing
Management

Logout nodes

accounting record format
Management

Long integers

converting
strings to
NLM Programming
to strings
NLM Programming

converting to strings
Internationalization

Long names
changing, in a name space
File
of files
obtaining
File

Long values
rotating to left
Management
rotating to right
Management

Lookup
services on a particular node (directed)
Communication

Lower case
converting characters to
Internationalization
converting strings to
Internationalization
NLM Programming

Low-overhead read operation
NLM Programming

Low-overhead write operation
NLM Programming

LSL
statistics, obtaining
Management

LSL logical boards
statistics, obtaining
Management

LSP
Management
and Client Discovery
Management
configuration
Management

Management

LSPs

Management

database support

Management

default registration of

Management

location of

Management

MMM

Magnaged object database (distributed print)
See MODB

main function
NLM Programming

Make utilities
NLM
NLM Programming
QMK386.EXE
environmental variables
General Information/Getting Started
tips for using
General Information/Getting Started
QMK386.EXE, using
General Information/Getting Started

Managers
identifying
Management

Manuals, online
searching
SDK Roadmap

Mapping
entity-to-address
Communication
NBP name-to-address
Communication
volume/directory to NetWare path
File

MapScreenIDToHandle
NLM Programming

Marked/unmarked status of list elements
recalling saved
NLM Programming
removing

NLM Programming
saving
NLM Programming

Master login extension

Login

Math errors

custom error handling for
NLM Programming
matherr
NLM Programming

Mathematical Computation Services

abs
NLM Programming
acos
NLM Programming
asin
NLM Programming
atan
NLM Programming
atan2
NLM Programming
Bessel Functions
NLM Programming
cabs
NLM Programming
ceil
NLM Programming
complex
NLM Programming
cos
NLM Programming
cosh
NLM Programming
difftime
NLM Programming
div
NLM Programming
div_t
NLM Programming
exception
NLM Programming
exp

NLM Programming
fabs
NLM Programming
floor
NLM Programming
fmod
NLM Programming
frexp
NLM Programming
hypot
NLM Programming
j0, j1, and jn
NLM Programming
labs
NLM Programming
ldexp
NLM Programming
ldiv
NLM Programming
ldiv_t
NLM Programming
log
NLM Programming
log10
NLM Programming
matherr
NLM Programming
max
NLM Programming
min
NLM Programming
modf
NLM Programming
pow
NLM Programming
rand, rand_r
NLM Programming
RegisterMatherrHandler
NLM Programming
sin
NLM Programming
sinh
NLM Programming
sqrt
NLM Programming

srand
NLM Programming
tan
NLM Programming
tanh
NLM Programming
y0, y1, and yn
NLM Programming

Maximum number of connections

for workstation, obtaining
Connection

Maximum rights mask

changing for a directory
File
for a directory, setting
File

Media

storage, types of
File

Media manager

File
access functions
File
action codes
File
activate/deactivate (physical media)
File
format
File
insert/remove (physical media or magazine)
File
label/unlabel (physical media)
File
load/unload (magazine)
File
locate data blocks
File
lock/unlock (physical media)
File
mount/dismount (physical device)
File

move (physical media or magazine)
File
multiple file mark
File
multiple set mark
File
position media
File
random read
File
random write
File
random write once
File
reset queue
File
scan for new devices (adapter)
File
select partition
File
select/unselect (physical media)
File
sequential read
File
sequential write
File
single file mark
File
single set mark
File
space data blocks
File
tape control
File
alert codes
File
alerts
reasons for
File
types of
File
architecture
File
attribute IDs

File
attribute types
File
cartridge types
File
children for a parent object, listing
Management
completion codes
File
console definitions
File
database concepts
File
design goals for
File
event bits
File
format types
File
human jukebox definitions
File
human jukebox functions
File
identification functions
File
identification types
File
information functions
File
media types
File
notification functions
File
object status bits
File
object support functions
File
objects
types of
File
objects, listing
Management
partition management functions
File
queue management

File
reservation functions
File
reservation modes
File
resource tag allocation signatures
File
return values
File
statistics for objects
Management
vendor pass-through functions
File

Media Manager Services

Structures
AdapterInfoDef
File
AttributeInfoDef
File
ChangerInfoDef
File
DeviceInfoDef
File
GenericInfoDef
File
HotFixInfoDef
File
InsertRequestDef
File
MagazineInfoDef
File
MappingInfo
File
MediaInfoDef
File
MediaRequestDef
File
MM_MirrorInfoStruct
File
MM_PartitionInfoStruct
File
PartitionInfoDef
File

Media numbers

loaded on a server
Management

Memory

addressing
in SFT III
NLM Programming
allocating
array of objects
NLM Programming
for TLI
Communication
objects
NLM Programming
allocating for Distributed Print
Print
allocating, for Distributed Print
Print
allocation
See Memory allocation
cache
See Cache memory
comparing blocks of
NLM Programming
consideration when converting VAPs to NLM applications
NLM Programming
freeing
allocated by NWAPPGetFolders
Management
allocated by NWAPPGetObjectAttributes
Management
allocated to TLI
Communication
garbage collection statistics, obtaining
Management
low
ASP
Communication
managing
See Memory management
overwrites by an NLM, checking for
NLM Programming
reading from cache
NLM Programming

reallocating, for Distributed Print
Print
reallocating, objects
NLM Programming
releasing
cache buffer
NLM Programming
sharing among NLM applications
NLM Programming
sharing among thread groups
NLM Programming
used by Distributed Print, freeing
Print
used by print attribute values, freeing
Print
used by print attributes, freeing
Print
used by print data types, freeing
Print

Memory allocation

TLI
Communication

Memory Allocation Services

alloca
NLM Programming
calloc
NLM Programming
free
NLM Programming
malloc
NLM Programming
NWGetAvailableMemory
NLM Programming
realloc
NLM Programming
stackavail
NLM Programming
_msize
NLM Programming
__qcalloc
NLM Programming
__qmalloc
NLM Programming

NLM Programming
__qrealloc
NLM Programming

Memory blocks
size of
NLM Programming

Memory management
in SFT III
NLM Programming

Memory Manipulation Services
memchr
NLM Programming
memcmp
NLM Programming
memcpy
NLM Programming
memicmp
NLM Programming
memmove
NLM Programming
memset
NLM Programming

Memory protection
NLM Programming
allowing invalid pointers
NLM Programming
as an NLM development issue
NLM Programming
as an NLM development tool
NLM Programming
commands
NLM Programming
debugger commands
NLM Programming
developer option
NLM Programming
displaying domains
NLM Programming
domains
NLM Programming
DOMAIN.NLM
NLM Programming

PROTECT.NLM
NLM Programming
read fault emulation
NLM Programming
read fault notification
NLM Programming
server parameters
NLM Programming
tools for
NLM Programming
write fault emulation
NLM Programming
write fault notification
NLM Programming

Memory space
allocating
NLM Programming
allocating on the stack
NLM Programming
freeing
NLM Programming
reallocate
NLM Programming

Menu
allowing the user to choose an option from
NLM Programming

Menu fields
adding options to
NLM Programming
appending to form
NLM Programming
initializing
NLM Programming

Menus
adding options to
NLM Programming
destroying
NLM Programming
initializing
NLM Programming
snap-in, registering

Management

Menus, NWSNUT

NLM Programming
action routine
NLM Programming
creating
NLM Programming
destroying
NLM Programming
displaying
NLM Programming
user access to
NLM Programming
using
NLM Programming

Message modes

Communication
setting
Communication

Message Services

NWBroadcastToConsole
Communication
NWDisableBroadcasts
Communication
NWEnableBroadcasts
Communication
NWGetBroadcastMessage
Communication
NWGetBroadcastMode
Communication
NWSendBroadcastMessage
Communication
NWSendConsoleBroadcast
Communication
NWSetBroadcastMode
Communication

Messages

auditing events for
Management
broadcast
disabling
Communication

enabling
Communication
sending
Communication
state of
Connection
creating
File
error
BSD
Communication
mapping to error number
NLM Programming
functions
Communication
NWSNUT
NLM Programming
creating
NLM Programming
dynamic
NLM Programming
obtaining
Communication
overview
Communication
PAP
Communication
retrieving contents of
File
sending
to all connections on a server
Communication
to the console of the default server
Communication
sending attention (ASP)
Communication
size of
Communication
STREAMS
File
TLI
Communication

Messages, NWSNUT

dynamic, setting
NLM Programming
please wait
NLM Programming
retreiving from buffer
NLM Programming

Metering information

creating
Management

Microsoft

compilers
General Information/Getting Started

Mirror object IDs

converting DAI logical partition numbers to
File
converting to DAI logical partition numbers
File

Mirrored Server Link (MSL)

NLM Programming

MODB

adding brokers to
Print
adding print services manager objects to
Print
adding printers to
Print
comparing object names
Print
creating objects in
Print
creating references to objects
Print
deleting objects in
Print
destroying references to objects
Print
FQNs (names) of objects
Print
listing objects in
Print
listing objects of a given type

Print
objects
See MODB objects
rights to objects in
Print

MODB objects

attribute sets for, obtaining
Print
attribute sets of, obtaining
Print
changing attributes of
Print
creating
Print
creating print jobs for
Print
deleting
Print
listing with attributes
Print
synchronizing with NDS
Print

Money

format for, obtaining
Internationalization
with country prefix
Internationalization

Monitor, color

NLM Programming

Multibyte characters

functions for
Internationalization
next, obtaining
Internationalization
number of bytes in
Internationalization
NLM Programming
number of, in string
Internationalization
previous, obtaining
Internationalization

wide-character codes
NLM Programming

Multiplying, floating-point number by integral of 2
NLM Programming

Multiprocessing
in SFT III
NLM Programming

Multithreaded NLM applications
configuration of
NLM Programming
development
NLM Programming

MVED
Management
controls
Management

NNN

Name
of current host
Communication
of zone (my zone)
Communication

Name Binding Protocol
See NBP

Name context (NDS)
NDS/Bindery

Name paths
NDS/Bindery

Name servers
NDS
See NDS name servers

Name service objects
attribute set of, obtaining
Print
attributes of, changing
Print
removing
Print

Name space
original, setting
File

Name space entries
information about, obtaining
File

Name Space NLM applications
NLM Programming

Name Space Services
GetDataStreamName

File
GetNameSpaceName
File
NWAllocTempNSDirHandle (obsolete 12/96)
File
NWAllocTempNSDirHandle2
File
NWDeleteNSEntry
File
NWGetDirBaseFromPath
File
NWGetDirectoryBase
File
NWGetHugeNSInfo
File
NWGetLongName
File
NWGetNameSpaceEntryName
File
NWGetNSEntryInfo
File
NWGetNSFileDirEntryNumber
File
NWGetNSInfo
File
NWGetNSInfo (NLM)
File
NWGetNSLoadedList
File
NWGetNSLoadedList (NLM)
File
NWGetNSPath
File
NWGetOwningNameSpace
File
NWIsLNSSupportedOnVolume
File
NWNSGetDefaultNS
File
NWNSGetMiscInfo
File
NWNSRename
File
NWOpenCreateNSEntry
File

NWOpenDataStream
File
NWOpenNSEntry
File
NWQueryNSInfoFormat
File
NWReadExtendedNSInfo
File
NWReadNSInfo
File
NWScanNSEntryInfo
File
NWSetHugeNSInfo
File
NWSetLongName
File
NWSetNameSpaceEntryName
File
NWSetNSEntryDOSInfo
File
NWSetNSInfo
File
NWWriteExtendedNSInfo
File
NWWriteNSInfo
File
overview
File
SetCurrentNameSpace
File
SetTargetNameSpace
File
structures
MODIFY_DOS_INFO
File
NW_ENTRY_INFO
File
NW_IDX
File
NW_NS_INFO
File
NW_NS_OPEN
File
NW_NS_OPENCREATE

File
NW_NS_PATH
File
SEARCH_SEQUENCE
File

Name spaces

allocating temporary directory handles in
File
changing information for
File
changing information in one name space based on information in another
File
converting directory numbers between
File
creating directories in
File
creating files in
File
data streams, accessing
File
default, obtaining
File
directory base, obtaining
File
entry information
obtaining
File
erasing files in
File
file names in, obtaining
File
for volume and directory number
File
functions
File
information needed for functions using
File
loaded on a volume
File
loaded on a volume, listing
File
name of
File
name space specific information

File
DOS name space bit mask
File
entry bit masks
File
functions
File
huge name space information
File
name space bit mask
File
naming conventions
File
number supported by NetWare
File
obtaining directory entry information in
File
obtaining file or directory names for
File
opening data streams in
File
opening files in
File
originating
File
OS/2
See OS/2 name space
owning a file or directory, obtaining
File
paths in, obtaining
File
primary entries
File
functions operating on
File
primary entry information
File
reading extended (huge) information for
File
reading information for
File
registering pathname parsing function
File
renaming directory entries in
File

setting a file or directory name for
File
setting current
File
setting target
File
used for parsing paths
File
writing extended (huge) information for
File

Names

AppleTalk
referencing
Communication
NDS
See NDS
of connected objects, determining
Connection
of NBP entities
Communication
of NCP extensions
Communication
of NDS objects
NDS/Bindery
of servers, obtaining
Management
registering with Novell
General Information/Getting Started

Names directory

Communication
adding a name-to-address mapping
Communication

Name-address tuple

Communication
removing from the names table
Communication

Name-address tuples

Communication

Name-to-address mapping, NBP

Communication

Native locale
Internationalization

Natural logarithm, computing
NLM Programming

NBP
Communication
and NetWare
Communication
blocking functions
Communication
buffers
size of
Communication
converting strings to entity format
Communication
entities
Communication
wildcards in
Communication
entity names
Communication
entity structure
Communication
entity types
Communication
entity zones
Communication
functions
Communication
name-to-address mapping
Communication
registering a service
Communication
registering by socket alone
Communication
structures
Communication
translation of entities
Communication
version differences
Communication
wildcards

Communication

NBP entities

creating
Communication

NCP Extension

Communication
client
programming
Communication
NLM unloading requirements
Communication
process
Communication
registering multiple
Communication
service provider
programming
Communication

NCP extension IDs

assigning upon registration
Communication

NCP Extension Services

FragElement
Communication
NCPExtensionClient
Communication
NCPExtensionMessageFrag
Communication
NWDeRegisterNCPExtension
Communication
NWFragNCPExtensionRequest
Communication
NWGetNCPExtensionInfo
Communication
NWGetNCPExtensionInfo (NLM)
Communication
NWGetNCPExtensionInfoByID
Communication
NWGetNCPExtensionInfoByName
Communication
NWGetNCPExtensionsList
Communication

NWGetNumberNCPExtensions
Communication
NWNCPExtensionRequest
Communication
NWNCPSend
Communication
NWRegisterNCPExtension
Communication
NWRegisterNCPExtensionByID
Communication
NWScanNCPExtensions
Communication
NWScanNCPExtensions (NLM)
Communication
NWSendNCPExtensionFraggedRequest
Communication
NWSendNCPExtensionRequest
Communication

NCP extensions

architecture
Communication
as an alternative to IPX/SPX
Communication
clients
Communication
context
Communication
data transfer
Communication
deregistering
Communication
functions
Communication
IDs
Communication
information about
retrieving by ID
Communication
retrieving by name
Communication
information about, obtaining
Communication
by name

Communication
naming rules
Communication
number of, obtaining
Communication
reentrancy requirements
Communication
registering
Communication
with an ID
Communication
registering NCP extension IDs with Novell
General Information/Getting Started
registering NCP extension names with Novell
General Information/Getting Started
scanning for
Communication
security for
Communication
sending fragmented requests
Communication
sending requests to
Communication
service provider (server) components
Communication
service providers
Communication
using a reply buffer manager
Communication

NCP packets
displaying header information
NLM Programming
monitoring for an NLM
NLM Programming

NCP requests
sending
Communication
Connection

NDPS manager
cancelling shutdown of
Print
connection status of
Print

Print
creating reference
based on FQN
Print
based on network address
Print
deleting reference
Print
FQN of, obtaining
Print
shutting down
Print
unloading
Print
validating
Print

NDS

access control
See NDS access control
NDS/Bindery
ACL
See Access Control List (ACL)
administration
NDS/Bindery
agents
NDS/Bindery
alias naming
NDS/Bindery
aliases
changing
NDS/Bindery
and License Certificate Request
Management
and License Service Providers
Management
and NLS
Management
application objects
See Application objects
ASN1 ID
NDS/Bindery
attribute syntaxes
See NDS attribute syntaxes
attributes

See NDS attributes
auditing
See Auditing
auditing events
Management
additional, for NetWare 4.11
Management
authenticating to
NDS/Bindery
authentication
See also NDS authentication
NDS/Bindery
backing up
NDS/Bindery
benefits of
NDS/Bindery
Bindery
NDS/Bindery
bindery context
NDS/Bindery
buffers
See NDS buffers
change records
storing in a buffer
NDS/Bindery
change types, for NWDSPutChange
NDS/Bindery
checking for presence of on servers
NDS/Bindery
client agent
NDS/Bindery
client-server model
NDS/Bindery
compared with NetWare bindery
NDS/Bindery
connection handles, obtaining
NDS/Bindery
connection handle, obtaining
NDS/Bindery
containers
moving objects between
NDS/Bindery
context
creating
NDS/Bindery

duplicating
NDS/Bindery
setting
NDS/Bindery
context handles
freeing
Management
obtaining
Management
context keys
NDS/Bindery
context settings, summary
NDS/Bindery
DCV_CANONICALIZE_NAMES flag
NDS/Bindery
Default Typing Rule
NDS/Bindery
DEFAULT_MESSAGE_LEN constant
NDS/Bindery
Directory Information Base
NDS/Bindery
Directory schema
See NDS schema
Directory tree
See Directory tree
distinguished names
NDS/Bindery
flags
NDS/Bindery
functions, configurable
NDS/Bindery
granting rights in
NDS/Bindery
hierarchy of objects
NDS/Bindery
information access
NDS/Bindery
browsing
NDS/Bindery
lookup
NDS/Bindery
searching
NDS/Bindery
information categories

NDS/Bindery
information stored by
NDS/Bindery
initializing
NDS/Bindery
login
Login
NDS/Bindery
logout
NDS/Bindery
loose consistency of
NDS/Bindery
mapping a NDS tree to a network's physical topography
NDS/Bindery
Multiple Trees
NDS/Bindery
Name Expansion Rules
NDS/Bindery
names
changing least significant
NDS/Bindery
converting abbreviated to canonical name
NDS/Bindery
converting to shortest form
NDS/Bindery
fully distinguished, obtaining
Management
stripping full name to object name
Management
naming
NDS/Bindery
alias naming
NDS/Bindery
complete names
NDS/Bindery
components of a complete name
NDS/Bindery
country codes
NDS/Bindery
country names
NDS/Bindery
distinguished names
NDS/Bindery
global name context
NDS/Bindery

name context
NDS/Bindery
name types
NDS/Bindery
naming attributes
NDS/Bindery
partial names
NDS/Bindery
relative distinguished name
NDS/Bindery
reserved characters
NDS/Bindery
typeless names
NDS/Bindery
typeless names, processing
NDS/Bindery
naming paths
NDS/Bindery
NDS servers
NDS/Bindery
object classes
See NDS object classes
objects
See NDS objects
overview
NDS/Bindery
partition root
NDS/Bindery
partitions
See NDS partitions
programming, challenges of
NDS/Bindery
read requests
NDS/Bindery
registering attribute names with Novell
General Information/Getting Started
registering object class names with Novell
General Information/Getting Started
reloading
NDS/Bindery
replicas
See NDS partitions
restoring
NDS/Bindery

schema
See NDS schema
search expression trees
NDS/Bindery
search progress record
NDS/Bindery
cached information
NDS/Bindery
server list
NDS/Bindery
searches
NDS/Bindery
buffers used in
NDS/Bindery
expression filters for
NDS/Bindery
filters for
NDS/Bindery
logical operators for
NDS/Bindery
parameters for
NDS/Bindery
relational operators for
NDS/Bindery
search expression trees
NDS/Bindery
searching
See also Search filter expression tree
NDS/Bindery
searching for information
NDS/Bindery
searching for trees
NDS/Bindery
security
NDS/Bindery
security, functions for
NDS/Bindery
security, in applications
NDS/Bindery
server components
NDS/Bindery
server support for, determining
Connection
server utilities
NDS/Bindery

services
See NDS services
shell components
NDS/Bindery
structure rules
NDS/Bindery
terminating
NDS/Bindery
time synchronization
See Time synchronization
timestamps, repairing
NDS/Bindery
tree walking
NDS/Bindery
unauthenticated users
NDS/Bindery
Unicode characters
NDS/Bindery
workstation API
NDS/Bindery
workstation components
NDS/Bindery
workstation utilities
NDS/Bindery
X.500 standard, compliance with
NDS/Bindery

NDS flags

DSI flags
NDS/Bindery
DSP flags
NDS/Bindery

NDS access

access control compared with file system access control
NDS/Bindery
access privileges
NDS/Bindery
applying privileges
NDS/Bindery
creating security equivalence
NDS/Bindery
distribution of access control information
NDS/Bindery
effective privileges

NDS/Bindery
inheritance
NDS/Bindery
Security Equals attribute list
NDS/Bindery
security equivalence
NDS/Bindery

NDS access control

ACL
See Access Control List (ACL)
inheritance masks
NDS/Bindery
privilege sets for subject/object pairs
NDS/Bindery

NDS attribute definitions

deleting
NDS/Bindery
reading
NDS/Bindery

NDS attribute syntax

NDS/Bindery

NDS attribute syntaxes

changes
NDS/Bindery
changes to
NDS/Bindery
definition
Back Link
NDS/Bindery
Boolean
NDS/Bindery
Case Exact String
NDS/Bindery
Case Ignore List
NDS/Bindery
Case Ignore String
NDS/Bindery
Class Name
NDS/Bindery
Counter
NDS/Bindery

Distinguished Name
NDS/Bindery
EMail Address
NDS/Bindery
Facsimile Telephone Number
NDS/Bindery
Hold
NDS/Bindery
Integer
NDS/Bindery
Interval
NDS/Bindery
Net Address
NDS/Bindery
Numeric String
NDS/Bindery
Object ACL
NDS/Bindery
Octet List
NDS/Bindery
Octet String
NDS/Bindery
Path
NDS/Bindery
Postal Address
NDS/Bindery
Printable String
NDS/Bindery
Replica Pointer
NDS/Bindery
Stream
NDS/Bindery
Telephone Number
NDS/Bindery
Time
NDS/Bindery
Timestamp
NDS/Bindery
Typed Name
NDS/Bindery
Unknown
NDS/Bindery
definitions
reading
NDS/Bindery

NDS/Bindery
retrieving from result buffer
NDS/Bindery
names
storing in an input buffer
NDS/Bindery
number of, in result buffer
NDS/Bindery
reading
NDS/Bindery
SYN_STREAM, accessing
NDS/Bindery

NDS attributes

NDS/Bindery
access control attribute
NDS/Bindery
adding new attribute definitions to the NDS schema
NDS/Bindery
address
NDS/Bindery
All Up To
NDS/Bindery
attribute type abbreviations
NDS/Bindery
attribute values
NDS/Bindery
backing up
NDS/Bindery
changes to
NDS/Bindery
comparing
NDS/Bindery
constraints
NDS/Bindery
DS_PUBLIC_READ
NDS/Bindery
DS_SINGLE_VALUE_ATTR
NDS/Bindery
DS_SYNC_IMMEDIATE
NDS/Bindery
creating an attribute definition
NDS/Bindery
definitions
Account Balance

NDS/Bindery
ACL
NDS/Bindery
Aliased Object Name
NDS/Bindery
Allow Unlimited Credit
NDS/Bindery
Authority Revocation
NDS/Bindery
Back Link
NDS/Bindery
Bindery Object Restriction
NDS/Bindery
Bindery Property
NDS/Bindery
Bindery Type
NDS/Bindery
C (Country)
NDS/Bindery
CA Private Key
NDS/Bindery
CA Public Key
NDS/Bindery
Cartridge
NDS/Bindery
Certificate Revocation
NDS/Bindery
Certificate Validity Interval
NDS/Bindery
CN (Common Name)
NDS/Bindery
Convergence
NDS/Bindery
Cross Certificate Pair
NDS/Bindery
Default Queue
NDS/Bindery
Description
NDS/Bindery
Detect Intruder
NDS/Bindery
Device
NDS/Bindery
DS Revision
NDS/Bindery

EMail Address
NDS/Bindery
Equivalent To Me
NDS/Bindery
External Name
NDS/Bindery
External Synchronizer
NDS/Bindery
Facsimile Telephone Number
NDS/Bindery
Full Name
NDS/Bindery
Generational Qualifier
NDS/Bindery
GID (Group ID)
NDS/Bindery
Given Name
NDS/Bindery
Group Membership
NDS/Bindery
High Convergence Sync Interval
NDS/Bindery
Higher Privileges
NDS/Bindery
Home Directory
NDS/Bindery
Host Device
NDS/Bindery
Host Resource Name
NDS/Bindery
Host Server
NDS/Bindery
Inherited ACL
NDS/Bindery
Initials
NDS/Bindery
Intruder Attempt Reset Interval
NDS/Bindery
Intruder Lockout Reset Interval
NDS/Bindery
L (Locality)
NDS/Bindery
Language
NDS/Bindery

Last Login Time
NDS/Bindery
Last Referenced Time
NDS/Bindery
Locked by Intruder
NDS/Bindery
Lockout After Detection
NDS/Bindery
Login Allowed Time Map
NDS/Bindery
Login Disabled
NDS/Bindery
Login Expiration Time
NDS/Bindery
Login Grace Limit
NDS/Bindery
Login Grace Remaining
NDS/Bindery
Login Intruder Address
NDS/Bindery
Login Intruder Attempts
NDS/Bindery
Login Intruder Limit
NDS/Bindery
Login Intruder Reset Time
NDS/Bindery
Login Maximum Simultaneous
NDS/Bindery
Login Script
NDS/Bindery
Login Time
NDS/Bindery
Low Convergence Reset Time
NDS/Bindery
Low Convergence Sync Interval
NDS/Bindery
Mailbox ID
NDS/Bindery
Mailbox Location
NDS/Bindery
Member
NDS/Bindery
Memory
NDS/Bindery
Message Routing Group

NDS/Bindery
Message Server
NDS/Bindery
Messaging Database Location
NDS/Bindery
Messaging Server
NDS/Bindery
Messaging Server Type
NDS/Bindery
Minimum Account Balance
NDS/Bindery
Network Address
NDS/Bindery
Network Address Restriction
NDS/Bindery
next in result buffer
NDS/Bindery
NNS Domain
NDS/Bindery
Notify
NDS/Bindery
O (Organization)
NDS/Bindery
Obituary
NDS/Bindery
Object Class
NDS/Bindery
Operator
NDS/Bindery
OU (Organizational Unit)
NDS/Bindery
Owner
NDS/Bindery
Page Description Language
NDS/Bindery
Partition Control
NDS/Bindery
Partition Creation Time
NDS/Bindery
Password Allow Change
NDS/Bindery
Password Expiration Interval
NDS/Bindery
Password Expiration Time

NDS/Bindery
Password Minimum Length
NDS/Bindery
Password Required
NDS/Bindery
Password Unique Required
NDS/Bindery
Passwords Used
NDS/Bindery
Path
NDS/Bindery
Physical Delivery Office Name
NDS/Bindery
Postal Address
NDS/Bindery
Postal Code
NDS/Bindery
Postal Office Box
NDS/Bindery
Postmaster
NDS/Bindery
Print Job Configuration
NDS/Bindery
Print Server
NDS/Bindery
Printer
NDS/Bindery
Printer Configuration
NDS/Bindery
Printer Control
NDS/Bindery
Private Key
NDS/Bindery
Profile
NDS/Bindery
Profile Membership
NDS/Bindery
Public Key
NDS/Bindery
Queue
NDS/Bindery
Queue Directory
NDS/Bindery
reading
NDS/Bindery

Received Up To
NDS/Bindery
Reference
NDS/Bindery
removing from the NDS schema
NDS/Bindery
Replica
NDS/Bindery
Replica Up To
NDS/Bindery
Resource
NDS/Bindery
Revision
NDS/Bindery
Role Occupant
NDS/Bindery
S (State or Province)
NDS/Bindery
SA (Street Address)
NDS/Bindery
SAP Name
NDS/Bindery
Security Equals
NDS/Bindery
Security Flags
NDS/Bindery
See Also
NDS/Bindery
Serial Number
NDS/Bindery
Server
NDS/Bindery
Server Holds
NDS/Bindery
Status
NDS/Bindery
Supported Connections
NDS/Bindery
Supported Gateway
NDS/Bindery
Supported Services
NDS/Bindery
Supported Typefaces
NDS/Bindery

Surname
NDS/Bindery
Synchronized Up To
NDS/Bindery
Telephone Number
NDS/Bindery
Title
NDS/Bindery
UID (User ID)
NDS/Bindery
Unknown
NDS/Bindery
Unknown Base Class
NDS/Bindery
User
NDS/Bindery
Version
NDS/Bindery
Volume
NDS/Bindery
description
NDS/Bindery
for AFO
Management
for partitions
manditory
NDS/Bindery
optional
NDS/Bindery
functions for
NDS/Bindery
inherited ACL
NDS/Bindery
listing for an object
Management
lists
NDS/Bindery
mandatory
NDS/Bindery
name
NDS/Bindery
names
storing in an input buffer
NDS/Bindery
storing in input buffer

NDS/Bindery
unabbreviating
NDS/Bindery
names of
next in result buffer
NDS/Bindery
number of, in result buffer
NDS/Bindery
object class attribute
NDS/Bindery
of syntax SYN_STREAM, accessing
NDS/Bindery
optional
NDS/Bindery
processing for Application Launcher
Management
reading
NDS/Bindery
removing all attribute types from a distinguished name
NDS/Bindery
replica
NDS/Bindery
rights to
NDS/Bindery
storing in buffers
NDS/Bindery
syntax ID of, obtaining
NDS/Bindery
syntaxes
See NDS attribute syntaxes
type information
NDS/Bindery
types of
NDS/Bindery
values of
comparing given with assigned
NDS/Bindery
computing size of
NDS/Bindery
reading, with restrictions
NDS/Bindery
retrieving from result buffer
NDS/Bindery
storing in an input buffer

NDS/Bindery
values of, storing in buffers
NDS/Bindery

NDS authentication

NDS/Bindery
authenticating
NDS/Bindery
background authentication
NDS/Bindery
ciphertext
NDS/Bindery
client applications
NDS/Bindery
creating public/private key pairs for NDS objects
NDS/Bindery
credential
NDS/Bindery
decryption
NDS/Bindery
encryption
NDS/Bindery
encryption key
NDS/Bindery
guarantees provided by
NDS/Bindery
login authentication
NDS/Bindery
passwords
NDS/Bindery
process of
NDS/Bindery
proofs
NDS/Bindery
public/private key pairs, changing
NDS/Bindery
requirements
NDS/Bindery
signature
NDS/Bindery
status of
NDS/Bindery
Tag Data Store (TDS) information
NDS/Bindery
to a second server

NDS/Bindery

NDS buffers

allocating
NDS/Bindery
allocation types
NDS/Bindery
Buf_T structure
NDS/Bindery
freeing
NDS/Bindery
functions
NDS/Bindery
initialization operations for
NDS/Bindery
initializing
NDS/Bindery
input
functions for
NDS/Bindery
preparing
NDS/Bindery
managing
NDS/Bindery
number of attribute syntaxes in
NDS/Bindery
number of attributes stored in
NDS/Bindery
number of object class definitions in
NDS/Bindery
number of objects in
NDS/Bindery
output
functions for
NDS/Bindery
preparing
NDS/Bindery
structure of
NDS/Bindery
retrieving attribute definitions from
NDS/Bindery
retrieving attribute names from
NDS/Bindery
retrieving attribute syntaxes from
NDS/Bindery

retrieving attribute values from
NDS/Bindery
retrieving NDS object names from
NDS/Bindery
retrieving object class definitions from
NDS/Bindery
retrieving object class names from
NDS/Bindery
retrieving replica information from
NDS/Bindery
retrieving results from
NDS/Bindery
size of
NDS/Bindery
size of attribute value in
NDS/Bindery
storing attribute names in
NDS/Bindery
storing attribute syntax names in
NDS/Bindery
storing attribute values in
NDS/Bindery
storing attributes in
NDS/Bindery
storing change records in
NDS/Bindery
storing object class names in
NDS/Bindery
storing search filter expression trees in
NDS/Bindery
structure of
NDS/Bindery
used in searches
NDS/Bindery

NDS class definitions

creating
NDS/Bindery
deleting
NDS/Bindery
modifying
NDS/Bindery
reading
NDS/Bindery

NDS classes

NDS/Bindery
containable
listing
NDS/Bindery
effective
NDS/Bindery
functions for
NDS/Bindery
maintenance information
NDS/Bindery
new, restrictions on
NDS/Bindery
noneffective
NDS/Bindery
status flags
NDS/Bindery

NDS containers

auditing
See Auditing
Management
auditor password for, changing
Management

NDS context

NDS/Bindery
context key values
NDS/Bindery
Context Flags
NDS/Bindery
Context Name
NDS/Bindery
creating
NDS/Bindery
duplicating handles
NDS/Bindery
flags
NDS/Bindery
for printing
setting
Print
for printing, obtaining
Print
freeing

freeing
NDS/Bindery
handle
NDS/Bindery
modifying
NDS/Bindery
obtaining the context variable
NDS/Bindery
reading
NDS/Bindery
setting default name context
NDS/Bindery

NDS Event

Management
helper functions
Management
registration functions
Management
uses
Management

NDS Event Services

NWDSEConvertEntryName
Management
NWDSEGetLocalAttrID
Management
NWDSEGetLocalAttrName
Management
NWDSEGetLocalClassID
Management
NWDSEGetLocalClassName
Management
NWDSEGetLocalEntryID
Management
NWDSEGetLocalEntryName
Management
NWDSERegisterForEvent
Management
NWDSEUnRegisterForEvent
Management
structures
DSEACL
Management
DSEBackLink

Management
DSEBinderyObjectInfo
Management
DSEBitString
Management
DSECIList
Management
DSEEmailAddress
Management
DSEEntryInfo
Management
DSEFaxNumber
Management
DSEHold
Management
DSENetAddress
Management
DSEOctetList
Management
DSEPath
Management
DSEReplicaPointer
Management
DSETimeStamp
Management
DSETraceInfo
Management
DSETypedName
Management
DSEValData
Management
DSEValueInfo
Management

NDS events

filtering event data
Management
DSTraceEvents
Management
local IDs
Management
global monitoring
Management
monitoring application
procedure

Management
priorities
EP_INLINE
Management
EP_JOURNAL
Management
EP_WORK
Management
registering for
Management
reporting
priorities
Management
unregistering for
Management

NDS functions

configurable
NDS/Bindery
for attributes
NDS/Bindery
for buffers
NDS/Bindery
for classes
NDS/Bindery
for listing
NDS/Bindery
for output buffers
NDS/Bindery
for partitions
NDS/Bindery
for replicas
NDS/Bindery
iterations of, controlling
NDS/Bindery
read functions
NDS/Bindery
security
NDS/Bindery

NDS information

returning
NDS/Bindery

NDS Information Base

NDS/Bindery

NDS name servers

NDS/Bindery
list of, during a search
NDS/Bindery
network address of
NDS/Bindery

NDS names

NDS/Bindery
caching
NDS/Bindery
canonicalized
NDS/Bindery
context
NDS/Bindery
default assignment of types to typeless names
NDS/Bindery
expanding
NDS/Bindery
fully distinguished
NDS/Bindery
functions that operate on
NDS/Bindery
preceding periods in
NDS/Bindery
rules for
NDS/Bindery
trailing periods in
NDS/Bindery
typeless
NDS/Bindery
assigning types to
NDS/Bindery
problems with
NDS/Bindery

NDS object classes

adding new class definitions to the NDS schema
NDS/Bindery
base class
NDS/Bindery
cached information
NDS/Bindery

changes to
NDS/Bindery
class inheritance
NDS/Bindery
containment classes
NDS/Bindery
creating
NDS/Bindery
definitions
changing
NDS/Bindery
number of, in result buffer
NDS/Bindery
removing from the NDS schema
NDS/Bindery
retrieving from result buffer
NDS/Bindery
retrieving names from result buffer
NDS/Bindery
effective
AFP Server
NDS/Bindery
Alias
NDS/Bindery
Bindery Object
NDS/Bindery
Bindery Queue
NDS/Bindery
Computer
NDS/Bindery
Country
NDS/Bindery
Directory Map
NDS/Bindery
External Entity
NDS/Bindery
Group
NDS/Bindery
List
NDS/Bindery
Locality
NDS/Bindery
Message Routing Group
NDS/Bindery
Messaging Server

NDS/Bindery
NCP Server
NDS/Bindery
Organization
NDS/Bindery
Organizational Role
NDS/Bindery
Organizational Unit
NDS/Bindery
Print Server
NDS/Bindery
Printer
NDS/Bindery
Profile
NDS/Bindery
Queue
NDS/Bindery
Top
NDS/Bindery
Unknown
NDS/Bindery
User
NDS/Bindery
Volume
NDS/Bindery
expanded class definition
NDS/Bindery
graphical view of definitions
NDS/Bindery
hierarchy
NDS/Bindery
mandatory attributes of
NDS/Bindery
multiple inheritance
NDS/Bindery
names
storing in an input buffer
NDS/Bindery
naming attributes for
NDS/Bindery
noneffective
Device
NDS/Bindery
Organizational Person

NDS/Bindery
Partition
NDS/Bindery
Person
NDS/Bindery
Resource
NDS/Bindery
Server
NDS/Bindery
optional attributes of
NDS/Bindery
reading
NDS/Bindery
rules for
NDS/Bindery
structure rules for
NDS/Bindery
super classes
NDS/Bindery
that can be contained by an object, listing
NDS/Bindery

NDS objects

NDS/Bindery
adding
NDS/Bindery
adding to security equivalence
NDS/Bindery
adding to the NDS tree
NDS/Bindery
address of server where object is located
NDS/Bindery
audited, checking whether
Management
auditing
See Auditing
Management
backing up
NDS/Bindery
changing passwords of
NDS/Bindery
classes of
See NDS object classes
creating public/private key pair for
NDS/Bindery

deleting
NDS/Bindery
disappearing
NDS/Bindery
causes of
NDS/Bindery
solutions for
NDS/Bindery
distinguished name, retrieving
NDS/Bindery
effective privileges of
NDS/Bindery
effective rights of
determining
NDS/Bindery
hierarchy
NDS/Bindery
host server of, finding
NDS/Bindery
inspecting for correctness
NDS/Bindery
listing
NDS/Bindery
listing containable classes of
NDS/Bindery
listing container objects subordinate to
NDS/Bindery
listing subordinates of
NDS/Bindery
by object class or name
NDS/Bindery
mapping IDs to names
NDS/Bindery
mapping names to IDs
NDS/Bindery
modifying
NDS/Bindery
moving
NDS/Bindery
names
changing
NDS/Bindery
number of subordinates of
NDS/Bindery
number of, in result buffer

NDS/Bindery
object ID
obtaining
NDS/Bindery
object IDs
obtaining
NDS/Bindery
partition root of
NDS/Bindery
public/private key pair of
NDS/Bindery
reading
NDS/Bindery
reading all references for on a server
NDS/Bindery
removing from the NDS tree
NDS/Bindery
restoring
NDS/Bindery
retrieving object names from result buffer
NDS/Bindery
rights of
NDS/Bindery
rights to
NDS/Bindery
searching for
NDS/Bindery
searching for trees
NDS/Bindery
searching for, with restrictions
NDS/Bindery
security equivalence, removing
NDS/Bindery
verifying passwords of
NDS/Bindery

NDS partitions

NDS/Bindery
aborting partition operations
NDS/Bindery
adding
NDS/Bindery
all up to attribute
NDS/Bindery

class of
NDS/Bindery
convergence
NDS/Bindery
convergence attribute
NDS/Bindery
convergence of replicas
NDS/Bindery
creating
NDS/Bindery
creating replicas
NDS/Bindery
dividing
NDS/Bindery
functions for
NDS/Bindery
hierarchy
NDS/Bindery
information about
NDS/Bindery
joining
NDS/Bindery
listing
NDS/Bindery
locating
NDS/Bindery
mandatory attributes for
NDS/Bindery
master replica
NDS/Bindery
deleting
NDS/Bindery
number of on server, retrieving
NDS/Bindery
optional attributes for
NDS/Bindery
partition root
NDS/Bindery
read-only replicas
NDS/Bindery
removing
NDS/Bindery
removing from the NDS tree
NDS/Bindery
repairing timestamps

NDS/Bindery
replica attribute
NDS/Bindery
replica information
NDS/Bindery
replicas
NDS/Bindery
adding
NDS/Bindery
changing type of
NDS/Bindery
creating
NDS/Bindery
deleting
NDS/Bindery
functions for
NDS/Bindery
master
NDS/Bindery
read-only
NDS/Bindery
replica state attribute
NDS/Bindery
replica type attribute
NDS/Bindery
retrieving replica information from result buffer
NDS/Bindery
secondary
NDS/Bindery
status of
NDS/Bindery
synchronization of
NDS/Bindery
synchronizing
NDS/Bindery
type of
NDS/Bindery
replicas of
adding
NDS/Bindery
removing
NDS/Bindery
type of, changing
NDS/Bindery

replicating
NDS/Bindery
root
name of
NDS/Bindery
root partition
NDS/Bindery
secondary replicas
NDS/Bindery
setting to receive all updates
NDS/Bindery
setting to send all updates
NDS/Bindery
splitting
NDS/Bindery
subordinate partitions
NDS/Bindery
subordinate references
NDS/Bindery
superior partition
NDS/Bindery
synchronization
process of
NDS/Bindery
synchronization interval
NDS/Bindery
synchronization of
NDS/Bindery
synchronizing
NDS/Bindery

NDS schema

NDS/Bindery
adding attribute definitions to
NDS/Bindery
adding new object class definitions to
NDS/Bindery
changes to
NDS/Bindery
changing
for application objects
Management
components of
NDS/Bindery
distribution of

NDS/Bindery
distribution of schema information
NDS/Bindery
extending
NDS/Bindery
modified, checking whether
Management
registering additions to
NDS/Bindery
relationships of schema definitions
NDS/Bindery
removing attribute definitions from
NDS/Bindery
removing object class definitions from
NDS/Bindery
synchronizing
NDS/Bindery

NDS servers

connection reference to nearest, obtaining
Connection

NDS services

authentication
See NDS authentication
information
NDS/Bindery
NWDSAbbreviateName
NDS/Bindery
NWDSAbortPartitionOperation
NDS/Bindery
NWDSAddFilterToken
NDS/Bindery
NWDSAddObject
NDS/Bindery
NWDSAddPartition (obsolete 9/97)
NDS/Bindery
NWDSAddReplica
NDS/Bindery
NWDSAddSecurityEquiv
NDS/Bindery
NWDSAllocBuf
NDS/Bindery
NWDSAllocFilter
NDS/Bindery

NWDSAuditGetObjectID
NDS/Bindery
NWDSAuthenticate
NDS/Bindery
NWDSAuthenticateConn
NDS/Bindery
NWDSBackupObject
NDS/Bindery
NWDSBeginClassItem
NDS/Bindery
NWDSCanDSAuthenticate
NDS/Bindery
NWDSCanonicalizeName
NDS/Bindery
NWDSChangeObjectPassword
NDS/Bindery
NWDSChangeReplicaType
NDS/Bindery
NWDSCIStringsMatch
NDS/Bindery
NWDSCloseIteration
NDS/Bindery
NWDSCompare
NDS/Bindery
NWDSComputeAttrValSize
NDS/Bindery
NWDSCreateContext (obsolete 03/97)
NDS/Bindery
NWDSCreateContextHandle
NDS/Bindery
NWDSDefineAttr
NDS/Bindery
NWDSDefineClass
NDS/Bindery
NWDSDelFilterToken
NDS/Bindery
NWDSDuplicateContext
NDS/Bindery
NWDSDuplicateContextHandle
NDS/Bindery
NWDSExtSyncList
NDS/Bindery
NWDSExtSyncRead
NDS/Bindery
NWDSExtSyncSearch

NWDSExtSyncSearch
NDS/Bindery
NWDSFreeBuf
NDS/Bindery
NWDSFreeContext
NDS/Bindery
NWDSFreeFilter
NDS/Bindery
NWDSGenerateObjectKeyPair
NDS/Bindery
NWDSGetAttrCount
NDS/Bindery
NWDSGetAttrDef
NDS/Bindery
NWDSGetAttrName
NDS/Bindery
NWDSGetAttrVal
NDS/Bindery
NWDSGetBinderyContext
NDS/Bindery
NWDSGetClassDef
NDS/Bindery
NWDSGetClassDefCount
NDS/Bindery
NWDSGetClassItem
NDS/Bindery
NWDSGetClassItemCount
NDS/Bindery
NWDSGetConnectionInfo (obsolete 6/96)
NDS/Bindery
NWDSGetConnectionSlot (obsolete 6/96)
NDS/Bindery
NWDSGetContext
NDS/Bindery
NWDSGetCountByClassAndName
NDS/Bindery
NWDSGetDefNameContext
NDS/Bindery
NWDSGetDSIInfo
NDS/Bindery
NWDSGetDSVerInfo
NDS/Bindery
NWDSGetEffectiveRights
NDS/Bindery
NWDSGetMonitoredConnection (obsolete 6/96)

NDS/Bindery
NWDSGetMonitoredConnRef
NDS/Bindery
NWDSGetNDSStatistics
NDS/Bindery
NWDSGetObjectCount
NDS/Bindery
NWDSGetObjectHostServerAddress
NDS/Bindery
NWDSGetObjectName
NDS/Bindery
NWDSGetObjectNameAndInfo
NDS/Bindery
NWDSGetPartitionExtInfo
NDS/Bindery
NWDSGetPartitionExtInfoPtr
NDS/Bindery
NWDSGetPartitionInfo
NDS/Bindery
NWDSGetPartitionRoot
NDS/Bindery
NWDSGetServerAddresses
NDS/Bindery
NWDSGetServerDN
NDS/Bindery
NWDSGetServerName
NDS/Bindery
NWDSGetSyntaxCount
NDS/Bindery
NWDSGetSyntaxDef
NDS/Bindery
NWDSGetSyntaxID
NDS/Bindery
NWDSInitBuf
NDS/Bindery
NWDSInspectEntry
NDS/Bindery
NWDSJoinPartitions
NDS/Bindery
NWDSList
NDS/Bindery
NWDSListAttrsEffectiveRights
NDS/Bindery
NWDSListByClassAndName
NDS/Bindery

NDS/Bindery
NWDSListContainableClasses
NDS/Bindery
NWDSListContainers
NDS/Bindery
NWDSListPartitions
NDS/Bindery
NWDSListPartitionsExtInfo
NDS/Bindery
NWDSLockConnection (obsolete 6/96)
NDS/Bindery
NWDSLogin
NDS/Bindery
NWDSLogout
NDS/Bindery
NWDSMapIDToName
NDS/Bindery
NWDSMapNameToID
NDS/Bindery
NWDSModifyClassDef
NDS/Bindery
NWDSModifyDN
NDS/Bindery
NWDSModifyObject
NDS/Bindery
NWDSModifyRDN
NDS/Bindery
NWDSMoveObject
NDS/Bindery
NWDSOpenConnToNDSServer
NDS/Bindery
NWDSOpenMonitoredConn
NDS/Bindery
NWDSOpenStream
NDS/Bindery
NWDSPartitionReceiveAllUpdates
NDS/Bindery
NWDSPartitionSendAllUpdates
NDS/Bindery
NWDSPutAttrName
NDS/Bindery
NWDSPutAttrNameAndVal
NDS/Bindery
NWDSPutAttrVal
NDS/Bindery

NWDSPutChange
NDS/Bindery
NWDSPutChangeAndVal
NDS/Bindery
NWDSPutClassItem
NDS/Bindery
NWDSPutClassName
NDS/Bindery
NWDSPutFilter
NDS/Bindery
NWDSPutSyntaxName
NDS/Bindery
NWDSRead
NDS/Bindery
NWDSReadAttrDef
NDS/Bindery
NWDSReadClassDef
NDS/Bindery
NWDSReadObjectDSIInfo
NDS/Bindery
NWDSReadObjectInfo
NDS/Bindery
NWDSReadSyntaxDef
NDS/Bindery
NWDSReadSyntaxes
NDS/Bindery
NWDSReloadDS
NDS/Bindery
NWDSRemoveAllTypes
NDS/Bindery
NWDSRemoveAttrDef
NDS/Bindery
NWDSRemoveClassDef
NDS/Bindery
NWDSRemoveObject
NDS/Bindery
NWDSRemovePartition
NDS/Bindery
NWDSRemoveReplica
NDS/Bindery
NWDSRemSecurityEquiv
NDS/Bindery
NWDSRepairTimeStamps
NDS/Bindery
NWDSReplaceAttrNameAbbrev

NWDSReplaceAttrNameAbbrev
NDS/Bindery
NWDSResetNDSStatistics
NDS/Bindery
NWDSResolveName
NDS/Bindery
NWDSRestoreObject
NDS/Bindery
NWDSReturnBlockOfAvailableTrees
NDS/Bindery
NWDSScanConnsForTrees
NDS/Bindery
NWDSSearch
NDS/Bindery
NWDSSetContext
NDS/Bindery
NWDSSetDefNameContext
NDS/Bindery
NWDSSetMonitoredConnection
NDS/Bindery
NWDSSplitPartition
NDS/Bindery
NWDSSyncPartition
NDS/Bindery
NWDSSyncReplicaToServer
NDS/Bindery
NWDSSyncSchema
NDS/Bindery
NWDSUnlockConnection
NDS/Bindery
NWDSVerifyObjectPassword
NDS/Bindery
NWDSWhoAmI
NDS/Bindery
NWGetDefaultNameContext
NDS/Bindery
NWGetFileServerUTCTime
NDS/Bindery
NWGetNextConnectionID (obsolete 6/96)
NDS/Bindery
NWGetNumConnections
NDS/Bindery
NWGetNWNetVersion
NDS/Bindery
NWGetPreferredConnName

NDS/Bindery
NWGetPreferredDSServer (obsolete 6/96)
NDS/Bindery
NWIsDSAuthenticated.
NDS/Bindery
NWIsDSServer
NDS/Bindery
NWNetInit
NDS/Bindery
NWNetTerm
NDS/Bindery
NWSetDefaultNameContext
NDS/Bindery
NWSetPreferredDSTree
NDS/Bindery
structures
Asn1ID_T
NDS/Bindery
Attr_Info_T
NDS/Bindery
Back_Link_T
NDS/Bindery
Bit_String_T
NDS/Bindery
Buf_T
NDS/Bindery
CI_List_T
NDS/Bindery
Class_Info_T
NDS/Bindery
EMail_Address_T
NDS/Bindery
EMAIL_ADDRESS_TYPE
NDS/Bindery
Fax_Number_T
NDS/Bindery
Filter_Cursor_T
NDS/Bindery
Filter_Node_T
NDS/Bindery
Hold_T
NDS/Bindery
NAME_SPACE_TYPE
NDS/Bindery
Net_Address_T

Net_Address_T
NDS/Bindery
NET_ADDRESS_TYPE
NDS/Bindery
NWDS_TimeStamp_T
NDS/Bindery
Object_ACL_T
NDS/Bindery
Object_Info_T
NDS/Bindery
Octet_String_T
NDS/Bindery
Path_T
NDS/Bindery
Replica_Pointer_T
NDS/Bindery
REPLICA_TYPE
NDS/Bindery
SYNTAX
NDS/Bindery
Syntax_Info_T
NDS/Bindery
TimeStamp_T
NDS/Bindery
Typed_Name_T
NDS/Bindery
Unknown_Attr_T
NDS/Bindery

NDS statistics

resetting
NDS/Bindery
retrieving
NDS/Bindery
version
NDS/Bindery

NDS syntaxes

retrieving names and definitions
NDS/Bindery

NDS tree

adding objects to
NDS/Bindery
described
NDS/Bindery

example
NDS/Bindery
mapping to a network's physical topography
NDS/Bindery
preferred, setting
NDS/Bindery
removing leaf objects from
NDS/Bindery
removing partitions from
NDS/Bindery
searching
NDS/Bindery

NDS trees
authentication credentials for
NDS/Bindery
searching for trees
NDS/Bindery

NDSMGR
connecting to server
NDS/Bindery
reloading NDS
NDS/Bindery
resetting statistics
NDS/Bindery
synchronizing
NDS/Bindery
version information
NDS/Bindery

NDSMRG
retrieving statistics
NDS/Bindery

NetWare API
NLM Programming
and SFT III
NLM Programming
and the SFT III IOEngine
NLM Programming
contents
NLM Programming
functions not supported for the SFT III IOEngine
NLM Programming

functions not supported for the SFT III MSEngine
NLM Programming
modifications for SFT III
NLM Programming
services provided by
NLM Programming

NetWare Application Manager Service

structures
APP_APPLICATION_OBJECT
Management
APP_ATTRIBUTE_VALUE
Management
APP_DESKTOP_FOLDER
Management
APP_DIRECTORY_OBJECT
Management
APP_OBJECT_ATTRIBUTE
Management

NetWare Application Manager Services

See Application Launcher Services

NetWare clients

supported
General Information/Getting Started

NetWare Directory Services

See NDS

NetWare errors

handling mode, setting
File

NetWare global data

NLM Programming
hierarchy
NLM Programming
NLM global data
NLM Programming
thread global data
NLM Programming
thread group global data
NLM Programming

NetWare handles

returning AFP entry IDs for
File

NetWare Internal Debugger

NLM Programming
binary operators
NLM Programming
commands
NLM Programming
breakpoint
NLM Programming
DOMAIN.NLM
NLM Programming
general
NLM Programming
SFT III
NLM Programming
supplementary
NLM Programming
expressions
NLM Programming
flags
NLM Programming
grouping operators
NLM Programming
registers
NLM Programming
setting breakpoints
NLM Programming
ternary operators
NLM Programming
unary operators
NLM Programming

NetWare kernel

thread queues
NLM Programming

NetWare Licensing System

See NLS

NetWare Loadable Modules (NLM applications)

allowing threads to run
NLM Programming
suspending

NLM Programming

NetWare NLM User Interface
See NWSNUT

NetWare NLM User Interface Services
See NWSNUT Services

NetWare OS
accessing by NLM
NLM Programming
current working directory
NLM Programming
development issues
NLM Programming
memory protection
NLM Programming
nonpreemptive environment
NLM Programming
screen handling
NLM Programming
using connection and task numbers
NLM Programming

NetWare path names
constructing
File
splitting
File

NetWare pathnames
number of components in
File

NetWare paths
path string and path count
File

NetWare Resource Management System, allocating resource tags
NLM Programming

NetWare SDK
general rules for using
General Information/Getting Started

NetWare servers

See Servers

NetWare services
that cannot be used by SFT III IOEngine applications
NLM Programming

NetWare SFT III Support Layer
NLM Programming

NetWare statistics
network version
NDS/Bindery

NetWare STREAMS
See also UNIX STREAMS
functions
File

NetWare STREAMS Services
getmsg
File
putmsg
File

NetWare Support Layer
NLM Programming

NetWare Transport Control Blocks
See NWTCBs

NetWare version
for a server, obtaining
Management

NetWare versions
General Information/Getting Started
that volume management can be used with
File

NetWareErrno
breaking on, for an NLM
NLM Programming

Network
AppleTalk internal and explicit zone registration
Communication
logging in to

Login

Network Application Launcher Services
See Application Launcher Services

Network drives
functions
File
mapping
File
mappings
File
number of
File

Network entities, directory of
Communication

Network nodes
See Nodes

Network visible entities
See NVEs

Networks
AppleTalk
Communication
known, information about
Management
obtaining
by Internet address
Communication
by name
Communication

NETWORKS database
closing
Communication
next entry in
Communication
opening
Communication

Network-visible entities
ATNveStr_t structure
Communication

NET.CFG file

parsing
File

NIS database

accessing
Communication

NLM

defined
NLM Programming
device drivers
NLM Programming
LAN drivers
NLM Programming
name space
NLM Programming
types of
NLM Programming
utility
NLM Programming

NLM applications

See also Client-server applications
autoload list
NLM Programming
autoloading
NLM Programming
changing the current NLM for a thread group
NLM Programming
compressing
NLM Programming
context
NLM Programming
copyright of, obtaining
Management
debug versions
NLM Programming
debuggers for
NLM Programming
debugging
See also NetWare Internal Debugger
See also NLMDebug
determining where an NLM should block

NLM Programming
developing
See NLM development
execution profilers
NLM Programming
exiting
NLM Programming
export list
NLM Programming
exporting symbols from
NLM Programming
filename of, obtaining
Management
for the SFT III IOEngine
NLM Programming
for the SFT III MSEngine
NLM Programming
getting current NLM ID
NLM Programming
getting current thread group ID
NLM Programming
getting NLM name from NLM ID
NLM Programming
global data
NLM Programming
handles
NLM Programming
import list
NLM Programming
importing symbols from
NLM Programming
list of loaded, obtaining
Management
loading
NLM Programming
loading multiple
NLM Programming
loading, steps in
NLM Programming
mapping NLM ID to handle
NLM Programming
mirrored applications (SFT III)
NLM Programming
name of, obtaining
Management

network and node address of
Communication
number of, obtaining
Management
obtaining version information
NLM Programming
preventing NLM applications from being unloaded
NLM Programming
preventing threads from being scheduled
NLM Programming
providing NetWare API services
NLM Programming
reentrant
NLM Programming
registering as a library
NLM Programming
registering services as an NCP extension
Communication
resource tags used by
Management
restarting startup process
NLM Programming
restricting loading of
NLM Programming
sharing memory among
NLM Programming
spawning
NLM Programming
startup
NLM Programming
statistics, obtaining
Management
structure of
NLM Programming
suspending
NLM Programming
terminating
See NLM termination
NLM Programming
termination process
NLM Programming
testing
NLM Programming
that must run in the SFT III IOEngine

NLM Programming
TLI requirements for
Communication
unloading
NLM Programming
requirements for an NCP Extension
Communication

NLM client

setup
General Information/Getting Started

NLM coding issues

blocking
NLM Programming
threads
NLM Programming

NLM context

NLM Programming
current working directory
NLM Programming
giving context to OS threads
NLM Programming
lack of, detecting
NLM Programming
levels of
NLM Programming
monitoring
NLM Programming
NLM level
NLM Programming
problems with OS threads
NLM Programming
thread group level
NLM Programming
thread level context
NLM Programming
using the context specifier
NLM Programming

NLM Debug Services

assert
NLM Programming
BumpFunctionCount
NLM Programming

NWDebugPrintf
NLM Programming
NWDisplayBinaryAtAddr
NLM Programming
NWDisplayDoubleAtAddr
NLM Programming
NWDisplayLConvAtAddr
NLM Programming
NWDisplayStringAtAddr
NLM Programming
NWDisplayTMAtAddr
NLM Programming
NWDisplayUnicodeAtAddr
NLM Programming
NWEnableDebugProfile
NLM Programming
NWValidateDebugProfile
NLM Programming
perror
NLM Programming

NLM development

coding issues
NLM Programming
critical sections
NLM Programming
freeing resources
NLM Programming
locking resources
NLM Programming
multithreaded NLM applications
NLM Programming
multithreaded NLM configuration
NLM Programming
OS issues
NLM Programming
relinquishing control
NLM Programming
screen handling
NLM Programming
setup for
General Information/Getting Started
SFT III application design
NLM Programming

SFT III application design issues
NLM Programming
shared memory
NLM Programming
steps in
NLM Programming
termination process
See NLM termination
NLM Programming
tools
NLM Programming
using DOMAIN.NLM
NLM Programming
using semaphores
NLM Programming
using Synchronization Services
NLM Programming

NLM functions
EnterDebugger
NLM Programming
NWClearBreakpoint
NLM Programming
NWGarbageCollect
NLM Programming
NWSetBreakpoint
NLM Programming

NLM ID
obtaining
NLM Programming
obtaining NLM name from
NLM Programming

NLM programming
overview
NLM Programming

NLM screens
NLM Programming

NLM termination
NLM Programming
abnormal exit
NLM Programming
atexit function

NLM Programming
AtUnload function
NLM Programming
CHECK function
NLM Programming
self termination
NLM Programming
signal handling
NLM Programming
steps
NLM Programming
thread termination
NLM Programming
unload process
NLM Programming

NLMDebug

checking for context
NLM Programming
connections, monitoring remote
NLM Programming
context, monitoring
NLM Programming
errno, breaking on
NLM Programming
file opens, detecting
NLM Programming
functions called by an NLM, listing
NLM Programming
memory checking
NLM Programming
NCP packets, monitoring
NLM Programming
breaking on every packet
NLM Programming
connection numbers, breaking on
NLM Programming
delaying between packets
NLM Programming
error status
NLM Programming
errors, breaking on
NLM Programming
function codes, breaking on
NLM Programming

header information, displaying
NLM Programming
stack trace, displaying
NLM Programming
subfunction codes, breaking on
NLM Programming
NetWareErrno, breaking on
NLM Programming
open files, information about
NLM Programming
overview
NLM Programming
process timer, using
NLM Programming
resouce checking
NLM Programming
ringing the bell upon errors
NLM Programming
semaphore checking
NLM Programming
semaphore monitoring
NLM Programming
setting up and using
NLM Programming
settings
NLM Programming
settings, saving
NLM Programming
stack traces, saving
NLM Programming
thread/thread group relationship, monitoring
NLM Programming

NLMLINK

NLM Programming
directive files
NLM Programming
directives
NLM Programming
linking debug information
NLM Programming
symbols used by
NLM Programming
syntax for

NLM Programming

NLMPACK

NLM Programming

syntax

NLM Programming

NLS

See also Licensing

Management

client components

Management

distributed licensing

Management

executables

Management

functions

license acquisition

Management

license management

Management

installation of

Management

licensing NLM

Management

Licensing snap-in

Management

Licensing Snap-in, using

Management

loading

Management

metering license resources

Management

metering licenses

Management

registering

Management

security

activation password

Management

support files

Management

system components

Management

system requirements

Management
test licenses
Management
test programs
Management
tracking database
Management
transaction database
Management
size of
Management
transaction log
Management

NLS clients

NLM
installation
Management

NLS databases

deleting
Management

NLS servers

NLM
installation
Management

NLS Service

LSEnumProviders
Management
LSFreeHandle
Management
LSGetMessage
Management
LSQuery
Management
LSRelease
Management
LSRequest
Management
LSUpdate
Management
NLSAddAssignment
Management
NLSAddProductInformation

Management
NLSAvailable
Management
NLSCertificateTagToMessage
Management
NLSDeleteCertificate
Management
NLSGetCertificate
Management
NLSGetEntry
Management
NLSGetTransaction
Management
NLSInstallCertificate
Management
NLSInstalled
Management
NLSInUse
Management
NLSMoveCertificate
Management
NLSRemoveAssignment
Management
NLSTransferOwnership
Management
NLSUsers
Management

Nodes

configuration of
Communication
getting information about
Communication
software components on
Communication

Nonpreemptive environment

NLM Programming

Non-DOS file system

CWD and CWV for
setting
File
mapping
volume and directory to path

File
retrieving
data stream name
File

Non-DOS file systems

converting directory numbers
File
creating files
File
CWD
retrieving
File
setting
File
CWV
retrieving
File
setting
File
flushing writes
File
mapping
handle to volume and directory
File
path to volume and directory
File
volume and directory to path
File
volume number to name
File
name space
retrieving
File
name space path parser
File
opening files in
File

Notification

of printing events
See Print notification services

Novell Directory Services

See NDS

Novell License Certificate Format
Management

Novell Licensing System Services
Management

Number
of connections
maximum on workstation, obtaining
Connection

Numbers
breaking into an integer and a fraction
NLM Programming
converting to strings
Internationalization

NUTInfo structure
customData and customDataRelease fields
obtaining contents of
NLM Programming
setting
NLM Programming
defaultComparefunction field
NLM Programming
displayErrorLabel field
NLM Programming
errorDisplayActive field
NLM Programming
initializing
NLM Programming
saveStack field
NLM Programming

NVEs
Communication

NWCalls
version of
Management

NWCalls Management Services
NWCallsInit
Management
NWCallsTerm

Management
NWGetNWCallsVersion
Management

NWDIRECT.H search attributes

File

NWDIR.H constants

File

nwdos.h fields

File

NWDPASAVPRef structure

assining an attribute set to
Print
resetting attribute and value pointers of
Print

NWSIPX

cancelling a request
Communication
connection-oriented service
Communication
message management and data transfer
Communication
element parameters
changing
Communication
retrieving
Communication
elements of
Communication
elements, structures associated with
Communication
environment management
Communication
errors, determining whether a request resulted in
Communication
features of
Communication
functions
Communication
migrating to from other APIs
Communication
overview

Communication
parameters associated with elements
Communication
preparing to receive a message
Communication
querying servers
Communication
request, determing whether successful
Communication
sending messages
Communication
socket management
Communication

NWSIPX connections
accepting
Communication
establishing
Communication
listening for
Communication
releasing
Communication
terminating
Communication

NWSIPX element information structures
freeing
Communication

NWSIPX elements
information about, obtaining
Communication

NWSIPX event notification
functions for managing
Communication
methods of
Communication
changing
Communication
listed
Communication

NWSipx Services

FRAGMENT
Communication
IPXADDR
Communication
NETADDR
Communication
NWSipxAcceptConnection
Communication
NWSipxAcceptConnectionEx`
Communication
NWSipxAdvertiseService
Communication
NWSipxAllocControlBlock
Communication
NWSipxCancelAdvertiseService
Communication
NWSipxCancelPendingRequest
Communication
NWSipxChangeControlBlock
Communication
NWSipxCloseConnectionEndpoint
Communication
NWSipxCloseSocket
Communication
NWSipxEstablishConnection
Communication
NWSipxFreeControlBlock
Communication
NWSipxFreeInformation
Communication
NWSipxGetInformation
Communication
NWSipxGetInternetAddress
Communication
NWSipxGetMaxNsduSize
Communication
NWSipxGetMaxTsduSize
Communication
NWSipxListenForConnection
Communication
NWSipxOpenConnectionEndpoint
Communication
NWSipxOpenSocket
Communication
NWSipxPoll

Communication
NWSipxQueryServices
Communication
NWSipxReceiveDatagram
Communication
NWSipxReceiveMessage
Communication
NWSipxRegisterForTransportEvent
Communication
NWSipxSendDatagram
Communication
NWSipxSendMessage
Communication
NWSipxSetInformation
Communication
NWSipxTerminateConnection
Communication
NWSipxWaitForMultipleEvents
Communication
NWSipxWaitForSingleEvent
Communication
NWTCB
Communication
SIPX_API_INFO
Communication
SIPX_CONN_INFO
Communication
SIPX_ERROR
Communication
SIPX_NWTCB_INFO
Communication
SIPX_SERVICE_INFO
Communication
SIPX_SOCKET_INFO
Communication
SIPX_SUBNET_INFO
Communication
SIPX_SUCCESS
Communication

NWSNMP
Management

NWSNMP Services
NWSNMP

Management
OCBAbortSet
Management
OCBCheckSet
Management
OCBCommitSet
Management
OCBGet
Management
OCBGetNext
Management
OCBLookupInst
Management
SACReadAttributes
Management
SACReadSNMPObject
Management
SACSetAttributes
Management
SACTrap
Management
SAIRegisterMIB
Management
SAI_DEFINE_GROUP
Management
SAI_DEFINE_POINTER
Management
SAI_DEFINE_TABLE
Management
structures
AttrInfo
Management
ObjControl
Management
ObjInfo
Management
TLV
Management
VarBind
Management

NWSNUT

NLM Programming
clearing the screen

NLM Programming
confirmation portals
NLM Programming
displaying strings
NLM Programming
editing text with scroll bars
NLM Programming
errors
NLM Programming
example
NLM Programming
functions
NLM Programming
help
See Help, NWSNUT
line drawing characters, obtaining
NLM Programming
messages
See Messages
passwords, prompting for
NLM Programming
restoring data to the screen
NLM Programming
saving data to a buffer
NLM Programming
screen palette
NLM Programming
scrolling a zone in a defined screen area
NLM Programming
status of resources
NLM Programming
string editing functions
NLM Programming
user input
NLM Programming
version of
NLM Programming
zones
NLM Programming

NWSNUT Services

FIELD
NLM Programming
INTERRUPT
NLM Programming

LIST
NLM Programming
LISTPTR
NLM Programming
MessageInfo
NLM Programming
MFCONTROL
NLM Programming
NUTInfo
NLM Programming
NWSAlert
NLM Programming
NWSAlertWithHelp
NLM Programming
NWSAlignChangedList
NLM Programming
NWSAlloc
NLM Programming
NWSAppendBoolField
NLM Programming
NWSAppendCommentField
NLM Programming
NWSAppendHexField
NLM Programming
NWSAppendHotSpotField
NLM Programming
NWSAppendIntegerField
NLM Programming
NWSAppendMenuField
NLM Programming
NWSAppendPasswordField
NLM Programming
NWSAppendPromptField
NLM Programming
NWSAppendScrollableStringField
NLM Programming
NWSAppendStringField
NLM Programming
NWSAppendToForm
NLM Programming
NWSAppendToList
NLM Programming
NWSAppendToMenu
NLM Programming
NWSAppendToMenuField

NLM Programming
NWSAppendUnsignedIntegerField
NLM Programming
NWSAsciiHexToInt
NLM Programming
NWSAsciiToInt
NLM Programming
NWSAsciiToLONG
NLM Programming
NWSClearPortal
NLM Programming
NWSComputePortalPosition
NLM Programming
NWSConfirm
NLM Programming
NWSCreatePortal
NLM Programming
NWSDeleteFromList
NLM Programming
NWSDeleteFromPortalList
NLM Programming
NWSDeselectPortal
NLM Programming
NWSDestroyForm
NLM Programming
NWSDestroyList
NLM Programming
NWSDestroyMenu
NLM Programming
NWSDestroyPortal
NLM Programming
NWSDisableAllFunctionKeys
NLM Programming
NWSDisableAllInterruptKeys
NLM Programming
NWSDisableFunctionKey
NLM Programming
NWSDisableInterruptKey
NLM Programming
NWSDisablePortalCursor
NLM Programming
NWSDisplayErrorCondition
NLM Programming
NWSDisplayErrorText

NLM Programming
NWSDisplayHelpScreen
NLM Programming
NWSDisplayInformation
NLM Programming
NWSDisplayInformationInPortal
NLM Programming
NWSDisplayPreHelp
NLM Programming
NWSDisplayTextInPortal
NLM Programming
NWSDisplayTextJustifiedInPortal
NLM Programming
NWSDrawPortalBorder
NLM Programming
NWSEditForm
NLM Programming
NWSEditPortalForm
NLM Programming
NWSEditPortalFormField
NLM Programming
NWSEditString
NLM Programming
NWSEditText
NLM Programming
NWSEditTextWithScrollBars
NLM Programming
NWSEnableAllFunctionKeys
NLM Programming
NWSEnableFunctionKey
NLM Programming
NWSEnableFunctionKeyList
NLM Programming
NWSEnableInterruptKey
NLM Programming
NWSEnableInterruptList
NLM Programming
NWSEnablePortalCursor
NLM Programming
NWSEndWait
NLM Programming
NWSFillPortalZone
NLM Programming
NWSFillPortalZoneAttribute
NLM Programming

NWSFree
NLM Programming
NWSGetADisk
NLM Programming
NWSGetDefaultCompare
NLM Programming
NWSGetFieldFunctionPtr
NLM Programming
NWSGetHandleCustomData
NLM Programming
NWSGetKey
NLM Programming
NWSGetList
NLM Programming
NWSGetListHead
NLM Programming
NWSGetListIndex
NLM Programming
NWSGetListNotifyProcedure
NLM Programming
NWSGetListSortFunction
NLM Programming
NWSGetListTail
NLM Programming
NWSGetMessage
NLM Programming
NWSGetNUTVersion
NLM Programming
NWSGetPCB
NLM Programming
NWSGetScreenPalette
NLM Programming
NWSGetSortCharacter
NLM Programming
NWSInitForm
NLM Programming
NWSInitializeNut
NLM Programming
NWSInitList
NLM Programming
NWSInitListPtr
NLM Programming
NWSInitMenu
NLM Programming

NWSInitMenuField
NLM Programming
NWSInsertInList
NLM Programming
NWSInsertInPortalList
NLM Programming
NWSIsAnyMarked
NLM Programming
NWSIsDigit
NLM Programming
NWSIsxdigit
NLM Programming
NWSKeyStatus
NLM Programming
NWSList
NLM Programming
NWSMemmove
NLM Programming
NWSMenu
NLM Programming
NWSModifyInPortalList
NLM Programming
NWSNutGetLineDrawCharacter
NLM Programming
NWSPopHelpContext
NLM Programming
NWSPopList
NLM Programming
NWSPopMarks
NLM Programming
NWSPositionCursor
NLM Programming
NWSPositionPortalCursor
NLM Programming
NWSPromptForPassword
NLM Programming
NWSPushHelpContext
NLM Programming
NWSPushList
NLM Programming
NWSPushMarks
NLM Programming
NWSRemovePreHelp
NLM Programming
NWSRestoreDisplay

NLM Programming
NWSRestoreList
NLM Programming
NWSRestoreNut
NLM Programming
NWSRestoreZone
NLM Programming
NWSSaveFunctionKeyList
NLM Programming
NWSSaveInterruptList
NLM Programming
NWSSaveList
NLM Programming
NWSSaveZone
NLM Programming
NWSScreenSize
NLM Programming
NWSScrollPortalZone
NLM Programming
NWSScrollZone
NLM Programming
NWSSelectPortal
NLM Programming
NWSSetDefaultCompare
NLM Programming
NWSSetDynamicMessage
NLM Programming
NWSSetErrorLabelDisplayFlag
NLM Programming
NWSSetFieldFunctionPtr
NLM Programming
NWSSetFormRepaintFlag
NLM Programming
NWSSetHandleCustomData
NLM Programming
NWSSetList
NLM Programming
NWSSetListNotifyProcedure
NLM Programming
NWSSetListSortFunction
NLM Programming
NWSSetScreenPalette
NLM Programming
NWSShowLine

NLM Programming
NWSShowLineAttribute
NLM Programming
NWSShowPortalLine
NLM Programming
NWSShowPortalLineAttribute
NLM Programming
NWSSortList
NLM Programming
NWSStartWait
NLM Programming
NWSStrcat
NLM Programming
NWSToupper
NLM Programming
NWSTrace
NLM Programming
NWSUngetKey
NLM Programming
NWSUnmarkList
NLM Programming
NWSUpdatePortal
NLM Programming
NWSViewText
NLM Programming
NWSViewTextWithScrollBars
NLM Programming
NWSWaitForEscape
NLM Programming
NWSWaitForEscapeOrCancel
NLM Programming
NWSWaitForKeyAndValue
NLM Programming
PCB
NLM Programming
PROCERROR
NLM Programming

NWTCBs

allocating
Communication
event notification method, changing
Communication
freeing
Communication

management of
Communication
monitoring for multiple events
Communication
monitoring for single events
Communication

OOO

Objects

bindery
See Bindery objects
managed object database (MODB)
See MODB objects
NDS
See NDS objects
printing
See MODB objects

Obsolete functions

process for
General Information/Getting Started

Offset of element in structure

Management

OIDs

adding to set
Print
characteristics of, obtaining
Print
comparing
Print
creating
based on ASCII string
Print
based on binary data
Print
based on natural language string
Print
creating pointers for
Print
interpreting
Print
as ASCII
Print
based on context
Print

using callback
Print
listing
Print
listing for set
Print
listing possible values for enumeration attribute
Print
releasing
Print
removing from set
Print
set of
adding OID to
Print
creating
Print
decrementing usage count for
Print
incrementing usage count for
Print
listing OIDs in
Print
removing OIDs from
Print
validating
Print
validating
Print

Online documentation
searching
SDK Roadmap

Open Systems Interconnection
See OSI

Operating system I/O
functions
File

Operating System I/O Services
chsize
File
close

File
creat
File
dup
File
dup2
File
eof
File
fcntl
File
filelength
File
fstat
File
ioctl
File
isatty
File
lock
File
lseek
File
open
File
pipe
File
read
File
setmode
File
sopen
File
tell
File
unlock
File
write
File

Operating systems
See also NetWare OS

Optimization
NLM, on the Intel platform

NLM Programming
using 32-bit variables
NLM Programming

OSI
address format
Communication
as implemented in NetWare
Communication
compared with AppleTalk
Communication
layers of
Communication
options management structures
Communication
reference model
Communication
TLI implementation notes
Communication

OSI reference model
Communication

OS/2 client
libraries
General Information/Getting Started
setting up
General Information/Getting Started

OS/2 name space
supported, determining whether
File

Output
flushing buffer
File
flushing buffers
File
format control
File
NLM Programming
to console
under format control
NLM Programming

Out-of-band data

Communication

PPP

P strings

converting
from IBM code page to Macintosh
Communication
from Macintosh code page to IBM
Communication

Packet Burst

statistics, obtaining
Management

Packetizing data

ATP
Communication

Packets

ADSP
T_MORE bit
Communication
AppleTalk Services
Communication
broadcast
Communication
configuration reply
Communication
configuration request
Communication
DDP
header
Communication
reading
Communication
DDP, sending
Communication
IPX
See IPX packets
keep-alive
Communication
maximum size of

for connection-oriented messages
Communication
for datagrams
Communication
service advertising
Communication
service identification
Communication
SPX
See SPX packets
used by a server, statistics for
Management

Palette

changing
NLM Programming
screen palette for NWSNUT
NLM Programming

Palette, NWSNUT

current
NLM Programming

PAP

Communication
accepting jobs
Communication
and NetWare
Communication
buffers
Communication
closing connections
Communication
file descriptors
WSS or SSS
Communication
file descriptors:creating an SSS
Communication
flowchart
Communication
functions
Communication
open connection dialog
Communication
pass structure

Communication
protocol architecture
Communication
retrieving messages
Communication
server status
Communication
shutting down the service
Communication
transferring data
Communication
WSSs
See WSSs

Parameter passing

between C and assembly code
NLM Programming
stack-based
NLM Programming
WATCOM compilers
NLM Programming

Parameter reordering

for printf
Internationalization
for sprintf
Internationalization
for vfprintf
Internationalization
for vprintf
Internationalization
for vsprintf
Internationalization
functions that support
Internationalization

Parameters

ordering in C
NLM Programming
processing by assembly procedures
NLM Programming
reordering
See Parameter reordering
size of
NLM Programming

16-bit, in NLM optimization
NLM Programming

Parsing

NET.CFG file
File

Parsing a path

File
wildcard translation
File

Partitions

disk
See Disk partitions
NDS
See NDS partitions

Password fields

appending to forms
NLM Programming

Passwords

See also Security
auditing
Management
auditor
changing, for NDS containers
Management
changing, for volumes
Management
setting, for NetWare 4.11 and above
Management
bindery functions dealing with
NDS/Bindery
changing
in NDS
NDS/Bindery
NDS
changing
NDS/Bindery
of bindery objects
changing
NDS/Bindery
verifying
NDS/Bindery

password fields, appending to NWSNUT forms
NLM Programming
preventing use of, by bindery objects
NDS/Bindery
prompting for, in NWSNUT
NLM Programming
verifying (NDS)
NDS/Bindery

Passwords, auditing

changing
Management

Path and Drive Services

ConvertNameToFullPath
File
ConvertNameToVolumePath
File
NWDeleteDriveBase
File
NWGetDriveInformation
File
NWGetDriveStatus
File
NWGetFirstDrive
File
NWGetPathFromDirectoryBase
File
NWGetPathFromDirectoryEntry
File
NWGetSearchDriveVector
File
NWParseNetWarePath
File
NWParsePath
File
NWSetDriveBase
File
NWSetInitDrive
File
NWSetSearchDriveVector
File
NWStripServerOffPath
File
ParsePath

File
SetWildcardTranslationMode
File
StripFileServerFromPath
File

Path count, NetWare pathname
File

path names
for directory handles
File
splitting
File

Pathnames
registering custom pathname parser
File

Paths
absolute path
File
combining with directory handles
File
converting to absolute path without volume
File
converting to an absolute path with volume
File
file and directory
File
for operating system I/O
File
format
File
mapping volume and directory to NetWare style path
File
NDS naming paths
NDS/Bindery
obtaining
for a name space
File
parsing
File
registering pathname parsing function
File

relative
File
to which a bindery object has trustee rights, obtaining
NDS/Bindery
translating
File

Peer-to-peer communication
NLM Programming

Physical disks
statistics, obtaining
Management

Physical record sets
locking
File
unlocking
File
without removing from the log table
File

Physical records
locking
File
locks
scanning for a file
File
logging
File
unlocking
File
without removing from the log table
File

Platforms
covered by this SDK
New Features/Important Information
supported
General Information/Getting Started

Please wait message
NLM Programming

Polling
checking whether polling event notification has completed

Communication

Popup screens

NLM Programming
removing
NLM Programming

Port numbers

Internet services at
Communication

Portal Control Block (PCB)

NLM Programming
obtaining
NLM Programming

Portals

alert
NLM Programming
creating
NLM Programming
creating, with help context
NLM Programming
changing the video attribute of characters in
NLM Programming
clearing
NLM Programming
confirmation
NLM Programming
creating
NLM Programming
cursor
NLM Programming
deselecting
NLM Programming
destroying
NLM Programming
direct
NLM Programming
disabling cursor of
NLM Programming
displaying error
NLM Programming
displaying text in
NLM Programming
drawing lines in

NLM Programming
drawing the portal border
NLM Programming
editing strings in
NLM Programming
filling with characters with a given screen attribute
NLM Programming
help
creating
NLM Programming
lists in
See Lists, portal
NWSNUT
NLM Programming
obtaining Portal Control Block
NLM Programming
placing screen output into
NLM Programming
Portal Control Block (PCB)
NLM Programming
obtaining
NLM Programming
positioning
NLM Programming
prehelp
NLM Programming
pre-help
NLM Programming
scrolling
NLM Programming
scrolling a region in
NLM Programming
selecting
NLM Programming
special purpose
NLM Programming
types of
NLM Programming
updating
NLM Programming
using portals
NLM Programming
video attributes
NLM Programming

virtual
NLM Programming
writing to
functions
NLM Programming
yes/no
NLM Programming

Ports

acquiring
Communication
capabilities of
Communication
configuration of, obtaining
Communication
configuring
Communication
getting information about
Communication
of printers, obtaining
Print
releasing
Communication
requesting ownership of
Communication
setting flow control modes
Communication
statistical information
Communication
status of
Communication

Ports, asynchronous

acquiring
Communication
owner names
Communication
port handles
Communication

Pragmas

WATCOM compilers, using with
NLM Programming

Preferred server

obtaining
Connection
setting
Connection

Primary connection reference

obtaining
Connection

Primary connections

setting
Connection

Print

See also Distributed Print
Print
overview
Print

Print attribute sets

adding attributes to
Print
with values
Print
appending to another attribute set
Print
assigning to a NWDPASAVPRef structure
Print
creating
Print
from an existing attribute set
Print
for a print job, obtaining
Print
for MODB object, obtaining
Print
for name service objects, obtaining
Print
joining
Print
listing attributes for
Print
listing attributes in
Print
merging
Print

of MODB objects, obtaining
Print
removing all attributes from
Print
removing attributes from
Print
usage count of
decrementing
Print
incrementing
Print
validating
Print

Print attributes

adding to attribute set
Print
adding values to
Print
appending a value set to another attribute value set
Print
changing
Print
changing values of
Print
comparing values of
Print
duplicating
Print
for a printer, obtaining
Print
freeing memory used by
Print
in a set, listing
Print
list of attribute values, freeing
Print
listing
Print
listing for an attribute set
Print
listing for printer
Print
listing values of
Print

Print
modify flag for, setting
Print
of document, changing
Print
of name service objects, changing
Print
of print job, changing
Print
removing all attributes from set
Print
removing from attribute set
Print
removing values from
Print
using ASCII strings as values
Print
values for, listing
Print
values of
duplicating
Print
freeing memory used by
Print
listing
Print

Print brokers

adding to MODB
Print
connection status of, checking
Print
creating, based on FQN
Print
deleting
Print
disabling
Print
enabling
Print
FQN of, obtaining
Print
services known to, listing
Print
services of, listing

Print
shutting down
Print
unloading
Print
validating
Print

Print data types

comparing (Distributed Print)
Print
duplicating
Print
freeing memory used by
Print

Print events

adding to print profiles
Print
callback functions for
Print
listing
Print
for a profile
Print
supported
Print
removing from detail event objects
Print
removing from print notification profiles
Print
supported for printer, obtaining
Print

Print filters

appending delimiters to
Print
appending filter expressions to
Print
to match substrings in the filter reference
Print
creating
Print
deleting
Print

validating
Print

Print job configurations

adding to printers
Print
listing for a printer
Print
removing from printer
Print

Print jobs

adding documents to
Print
attribute sets of, obtaining
Print
attributes of, changing
Print
cancelling
Print
cancelling documents in
Print
changing queue position of
Print
configuration of
See Print job configurations
copying
Print
creating
Print
creating for an MODB object
Print
deleting all associated with printer agent
Print
destroying
Print
identifier for, obtaining
Print
information about, obtaining
Print
interrupting currently printing job for
Print
listing
Print
listing for a printer

Print
moving among printers
Print
moving to another printer
Print
pausing
Print
promoting to be next serviced by printer
Print
resuming paused job
Print
status of
Print
submitting
Print
validating
Print

Print notification methods

adding to notification service
Print
creating
Print
delivery, obtaining
Print
destroying
Print
identifier of, setting
Print
listing
Print
prompts associated with, listing
Print
removing from notification services
Print
validating
Print

Print notification profiles

adding detail event objects to
Print
adding events to
Print
adding filter event objects to
Print

changing
Print
creating
Print
based on an existing profile
Print
based on caller information
Print
decrementing usage count for
Print
delivery address of, setting
Print
identifier of, obtaining
Print
incrementing usage count for
Print
listing
Print
listing events for
Print
listing for a printer
Print
obtaining
Print
removing detail event objects from
Print
removing events from
Print
removing filter event objects from
Print
removing from notification services
Print
supplier identifier for, setting
Print
validating
Print

Print notification services

adding methods to
Print
creating
based on FQN
Print
destroying
Print

listing methods for
Print
methods of notification
See Print notification methods
removing methods from
Print
removing profiles from
Print
validating
Print

Print resource files

adding to RMS
Print
deleting
Print
obtaining
Print
timestamps for, obtaining
Print

Print Server Services

NWPSCfgAddNServer
Print
NWPSCfgAddPrinter
Print
NWPSCfgAddPrinterAttr
Print
NWPSCfgAddPrintQueue
Print
NWPSCfgAddPrintQueueAttr
Print
NWPSCfgAddPrintServer
Print
NWPSCfgAddPrintServerAttr
Print
NWPSCfgAttrNameToNumber
Print
NWPSCfgAttrNumberToName
Print
NWPSCfgDeleteNServer
Print
NWPSCfgDeletePrinter
Print
NWPSCfgDeletePrinterAttr

Print
NWPSCfgDeletePrintQueue
Print
NWPSCfgDeletePrintQueueAttr
Print
NWPSCfgDeletePrintServer
Print
NWPSCfgDeletePrintServerAttr
Print
NWPSCfgEndNextNServer
Print
NWPSCfgEndNextPrinter
Print
NWPSCfgEndNextPrinterAttr
Print
NWPSCfgEndNextPrintQueue
Print
NWPSCfgEndNextPrintQueueAttr
Print
NWPSCfgEndNextPrintServer
Print
NWPSCfgEndNextPrintServerAttr
Print
NWPSCfgGetFirstNServer
Print
NWPSCfgGetFirstPrinter
Print
NWPSCfgGetFirstPrinterAttr
Print
NWPSCfgGetFirstPrintQueue
Print
NWPSCfgGetFirstPrintQueueAttr
Print
NWPSCfgGetFirstPrintServer
Print
NWPSCfgGetFirstPrintServerAttr
Print
NWPSCfgGetNextNServer
Print
NWPSCfgGetNextPrinter
Print
NWPSCfgGetNextPrinterAttr
Print
NWPSCfgGetNextPrintQueue

Print
NWPSCfgGetNextPrintQueueAttr
Print
NWPSCfgGetNextPrintServer
Print
NWPSCfgGetNextPrintServerAttr
Print
NWPSCfgGetPrinterDefaults
Print
NWPSCfgModifyPrinterAttr
Print
NWPSCfgModifyPrintQueueAttr
Print
NWPSCfgModifyPrintServerAttr
Print
NWPSCfgScanNServer (obsolete 6/96)
Print
NWPSCfgScanPrinter (obsolete 6/96)
Print
NWPSCfgScanPrinterAttr (obsolete 6/96)
Print
NWPSCfgScanPrintQueue (obsolete 6/96)
Print
NWPSCfgScanPrintQueueAttr (obsolete 6/96)
Print
NWPSCfgScanPrintServer (obsolete 6/96)
Print
NWPSCfgScanPrintServerAttr (obsolete 6/96)
Print
NWPSCfgVerifyNServer
Print
NWPSCfgVerifyPrinter
Print
NWPSCfgVerifyPrintQueue
Print
NWPSCfgVerifyPrintServer
Print
NWPSComAbortPrintJob
Print
NWPSComAddNotifyObject
Print
NWPSComAddQueueToPrinter
Print
NWPSComAttachPServerToNServer
Print

NWPSComAttachToPrintServer
Print
NWPSComCancelDownRequest
Print
NWPSComChangeNotifyInterval
Print
NWPSComChangeQueuePriority
Print
NWPSComChangeServiceMode
Print
NWPSComDeleteNotifyObject
Print
NWPSComDeleteQueueFromPrinter
Print
NWPSComDetachFromPrintServer
Print
NWPSComDetachPServerFromNServer
Print
NWPSComDownPrintServer
Print
NWPSComEjectForm
Print
NWPSComGetAttachedNServers
Print
NWPSComGetExtPrinterStatus
Print
NWPSComGetNextRemotePrinter
Print
NWPSComGetNotifyObject
Print
NWPSComGetPrintersServicingQ
Print
NWPSComGetPrinterStatus
Print
NWPSComGetPrintJobStatus
Print
NWPSComGetPrintServerInfo
Print
NWPSComGetQueuesServiced
Print
NWPSComLoginToPrintServer
Print
NWPSComMarkTopOfForm
Print

NWPSComPrintServerRequest
Print
NWPSComRequestRemotePrinter
Print
NWPSComRewindPrintJob
Print
NWPSComSetMountedForm
Print
NWPSComSetRemoteMode
Print
NWPSComStartPrinter
Print
NWPSComStopPrinter
Print
NWPSDeRegisterLibraryClient
Print
NWPSdfAddDevice
Print
NWPSGetLibraryVersion
Print
NWPSJobDelete
Print
NWPSJobEndNextJob
Print
NWPSJobGetDefault
Print
NWPSJobGetFirstJob
Print
NWPSJobGetNextJob
Print
NWPSJobInit
Print
NWPSJobRead
Print
NWPSJobScan (obsolete 6/96)
Print
NWPSJobSet
Print
NWPSJobSetDefault
Print
NWPSJobWrite
Print
NWPSPdfAddForm
Print
NWPSPdfAddFunction

Print
NWPSPdfAddMode
Print
NWPSPdfAddModeFunction
Print
NWPSPdfDeleteDevice
Print
NWPSPdfDeleteForm
Print
NWPSPdfDeleteFunction
Print
NWPSPdfDeleteMode
Print
NWPSPdfDeleteModeFunction
Print
NWPSPdfEndNext
Print
NWPSPdfExportDevice
Print
NWPSPdfGetFirstDevice
Print
NWPSPdfGetFirstForm
Print
NWPSPdfGetFirstFunction
Print
NWPSPdfGetFirstMode
Print
NWPSPdfGetFirstModeFunction
Print
NWPSPdfGetImportDate
Print
NWPSPdfGetNextDevice
Print
NWPSPdfGetNextForm
Print
NWPSPdfGetNextFunction
Print
NWPSPdfGetNextMode
Print
NWPSPdfGetNextModeFunction
Print
NWPSPdfGetVersion
Print
NWPSPdfImportDevice

Print
NWPSPdfLocateDBAndSetContext
Print
NWPSPdfManagedImportDevice
Print
NWPSPdfReadDevice
Print
NWPSPdfReadForm
Print
NWPSPdfReadFunction
Print
NWPSPdfReadMode
Print
NWPSPdfReadModeFunction
Print
NWPSPdfScanDevice (obsolete 6/96)
Print
NWPSPdfScanForm (obsolete 6/96)
Print
NWPSPdfScanFunction (obsolete 6/96)
Print
NWPSPdfScanFunctionMode
Print
NWPSPdfScanMode (obsoelte 6/96)
Print
NWPSPdfScanModeFunction (obsolete 6/96)
Print
NWPSPdfSetImportDate
Print
NWPSPdfSetVersion
Print
NWPSPdfUpdateDevice
Print
NWPSPdfUpdateForm
Print
NWPSPdfUpdateFunction
Print
NWPSPdfUpdateMode
Print
NWPSRegisterLibraryClient
Print
structures
NWPS_Aio
Print
NWPS_AppleTalk

Print
NWPS_Job_Rec
Print
NWPS_NInfo
Print
NWPS_NStatus
Print
NWPS_Parallel
Print
NWPS_PConfig
Print
NWPS_PSInfo
Print
NWPS_Serial
Print
NWPS_Typed_Name
Print
NWPS_Unix
Print

Print servera
validating
Print

Print servers
deregistering
Print
FQN of, obtaining
Print
lising
Print
listing
Print
registering
Print
version of, obtaining
Management

Print service registry
connection to, status of
Print
deresgistering servers
Print
list of servers in
Print

registering print servers with
Print

Print service registry references

creating
based on address of closest sapping broker
Print
based on FQN
Print
based on network address
Print
deleting
Print

Print Services

NWCancelCapture
Print
NWEndCapture
Print
NWFlushCapture
Print
NWGetBannerUserName
Print
NWGetCaptureFlags
Print
NWGetCaptureStatus
Print
NWGetMaxPrinters
Print
NWGetPrinterStrings
Print
NWSetBannerUserName
Print
NWSetCaptureFlags
Print
NWSetPrinterStrings
Print
NWStartFileCapture
Print
NWStartQueueCapture
Print
structures
CaptureFlagsStruct
Print
FlagBufferStruct

Print
NWCAPTURE_FLAGS1
Print
NWCAPTURE_FLAGS2
Print
NWPipeStruct
Print
NWPrintJobStruct
Print
PRINTER_STATUS
Print
PrintJobStruct
Print
SpoolFlagsStruct
Print

Print services managers
adding to MODB
Print

Printer Access Protocol
See PAP

Printer agents
adding printers to
Print
adding to NDPS manager
Print
addint to NDPS manager
and assigning printer object
Print
copying jobs
Print
deleting jobs associated with
Print
listing
Print
removing
Print
removing printers from
Print
shutting down
Print
starting up
Print

Printer configurations

obtaining for a printer
Print

Printer drivers

downloading for printers
Print
key name of, obtaining for a printer
Print
names of, for printer, obtaining
Print

Printer references

creating
based on FQN
Print
based on NDPS manager reference
Print
based on network address
Print
based on the installed printer port
Print
based on the label of an installed printer
Print
decrementing usage count of
Print
deleting
Print
FQN for, obtaining
Print
incrementing usage count of
Print
validating
Print

Printers

adding job configurations to
Print
adding to MODB
Print
adding to printer agents
Print
adding to user's installed list
Print

attribute set for, obtaining
Print
changing media for
Print
controlled-access
adding to user's installed list
Print
controlling
Print
default for a workstation, obtaining
Print
default, setting for workstation
Print
drivers for, downloading
Print
events suppored by, obtaining
Print
information about, obtaining
Print
job configurations for, listing
Print
label of, changing
Print
label of, obtaining
Print
listing
Print
listing all
Print
listing for a user
Print
listing jobs for
Print
listing MODB attributes for
Print
listing profiles for
Print
moving jobs among
Print
moving jobs from one to another
Print
port of, obtaining
Print
printer driver key name for, obtaining
Print

printer driver name for, obtaining
Print
removing
Print
removing form printer agents
Print
removing print job configurations from
Print
renaming configuration of
Print
status of
functions
Print
status of, obtaining
Print
synchronizing MODB objects with NDS
Print
synchronizing with Windows registry
Print
type of, obtaining
Print

printf
parameter reordering for
Internationalization

Printing
See also Distributed Print
download method for, changing
Print
media, changing for a printer
Print
prompts, listing
Print
resources
See RSM

Private key encryption
NDS/Bindery

Process events, AES
cancelling
NLM Programming
scheduling
NLM Programming

Processes
See also Threads
NLM Programming

Product container
information, viewing
Management

Programming languages
assembly
using for NLM applications
NLM Programming
using to write NLM applications
NLM Programming

Programming NLM applications
See NLM development

Prompt fields, appending to forms
NLM Programming

Prompts
to insert a diskette
NLM Programming

Properties
See also Attributes
audit
See Audit properties
of bindery objects
See Bindery properties
of NDS objects
See NDS attributes

PROTECT.NLM
NLM Programming

Protocol address
associating with transport endpoint
Communication

PROTOCOL database
closing
Communication
next entry in
Communication

opening
Communication

Protocol families

IP
Communication

Protocol independence

programming TLI for
Communication

Protocol stacks

AppleTalk, loading
Communication
configuration, obtaining
Management
custom information, obtaining
Management
ID numbers
listing for a LAN board
Management
listing for a media
Management
loaded but unbound
Communication
names of, obtaining
Management
numbers of, obtaining
Management
statistics, obtaining
Management

Protocols

Communication
AppleTalk
See also ADSP
See also ASP
See also ATP
See also DDP
See also NBP
See also PAP
See also ZIP
BSD
Communication
errors

Communication
Internet
obtaining by name
Communication
obtaining by number
Communication
IPX
See IPX
NetWare, OSI, and AppleTalk, compared
Communication
NWSIPX
See NWSIPX
OSI
See OSI
SAP
See SAP
SPX II
See SPX II
TCP/IP
See TCP/IP
TLI
See TLI
transport
specifying upon opening a connection
Connection
UDP
See UDP
Communication

Public key encryption
NDS/Bindery

Public status
NDS/Bindery

Purging
files
File

Purging files
File

QQQ

QMK386.EXE
environmental variables
General Information/Getting Started
options for
General Information/Getting Started
syntax
General Information/Getting Started
tips for using
General Information/Getting Started

QMK389.EXE
using, examples of
General Information/Getting Started

QMS
auditing events
Management
Introduction
Management
queue job records
See Queue job records

Queue heads, ECB
clearing, NLM
Communication
ECBs queued on, NLM
Communication

Queue job records
Management
modifying
Management

Queue jobs
attaching to a queue
Management
changing rights of
Management
client record area
Management

Management
creating
Management
deleting
Management
functions
Management
job control flags
Management
management functions
Management
managing
Management
processing
Management

Queue management

for Media Manager
File

Queue Management System

See QMS

Queue Management System Service

NWAbortServicingQueueJob2
Management
NWAttachQueueServerToQueue
Management
NWChangeQueueJobEntry2
Management
NWChangeQueueJobPosition2
Management
NWChangeToClientRights2
Management
NWCloseFileAndAbortQueueJob2
Management
NWCloseFileAndStartQueueJob2
Management
NWCreateQueue
Management
NWCreateQueueFile2
Management
NWDestroyQueue
Management
NWDetachQueueServerFromQueue
Management

NWFinishServicingQueueJob2
Management
NWGetPrinterQueueID
Management
NWGetQueueJobFileSize2
Management
NWGetQueueJobList2
Management
NWReadQueueCurrentStatus2
Management
NWReadQueueJobEntry2
Management
NWReadQueueServerCurrentStatus2
Management
NWRemoveJobFromQueue2
Management
NWRestoreQueueServerRights
Management
NWServiceQueueJob2
Management
NWSetQueueCurrentStatus2
Management
NWSetQueueServerCurrentStatus
Management
structures
NWQueueJobStruct
Management
NWReplyJobStruct
Management
QueueJobListReply
Management
QueueJobStruct
Management
ReplyJobStruct
Management

Queue objects
Management
properties of
Management

Queue Servers
functions
Management

Queue status record
accessing
Management

Queueing
version of, obtaining
Management

Queues
See also QMS
attaching jobs to
Management
creating
Management
deleting
Management
job records
See Queue job records
managing
Management
functions
Management
servicing
Management
status information
Management

Quotient, computing
NLM Programming

RRR

Random integers
generating pseudo-random integers
NLM Programming
generating psuedo-random integers
NLM Programming

Rdebug
NLM Programming

Records
of auditing events
See Auditing event records

Reentrant applications
NLM Programming

Registering
NCP extensions
Communication
with an ID
Communication

Registers
not to be used by NLM applications
NLM Programming
used by Intel processors
NLM Programming

Registration
of names and services with Novell
General Information/Getting Started

Relative distinguished name
NDS/Bindery

Relative path, definition
File

Release (TLI)
acknowledging

Communication

Relinquishing control
NLM Programming

Remainder, computing
NLM Programming
floating-point
NLM Programming

Remote consoles
bringing down a server from
Management

Remote servers
NLM Programming
accessing
NLM Programming
logging out
NLM Programming
nonblocking functions
NLM Programming

Remote session table
NLM Programming

REMOVE DOS command
File

Reordering vectors
for format strings, creating
Internationalization

Replicas
See NDS partitions

Replies
writing (ASP)
Communication

Reply buffer managers
Communication

Requester
querying for supported features
Connection
version of

Management

Requester features
querying for
Connection

Requests
PAP
rejecting connection requests
Communication

Resource list
obtaining
Print

Resource management service
See RSM

Resource tags
allocation signatures for Media Manager
File

Resource tags, allocating
NLM Programming

Resources
freeing NLM resources upon exit
NLM Programming
printing
See RSM
unfreed by an NLM, checking for
NLM Programming
used by NLM applications
checking for resources not freed
NLM Programming

Retry count
for connections
Connection

Return values
login extensions
Login

Revision date
obtaining for a server
Management

Re-entrant functions, swab

NLM Programming

Re-entrant functions, swaw

NLM Programming

Rights

- containment
  - *NDS/Bindery*
- effective
  - *File*
  - obtaining
    - *File*
  - of NDS objects, determining
    - *NDS/Bindery*
- effective rights of NDS objects
  - *NDS/Bindery*
- explicit
  - *NDS/Bindery*
- for print objects
  - *Print*
- granting
  - in NDS
    - *NDS/Bindery*
- inheritance of
  - *File*
  - blocking
    - *File*
- inherited
  - *NDS/Bindery*
- of bindery objects, obtaining
  - *NDS/Bindery*
- of NDS objects
  - *NDS/Bindery*
- of queue jobs, changing
  - *Management*
- to NDS objects
  - *NDS/Bindery*

Rights mask

- for a directory, obtaining
  - *File*
- maximum
  - See Maximum rights mask

Ring 0
in NLM development
NLM Programming

RMS
adding resource files to
Print
creating
based on FQN
Print
based on nearest resource manager address
Print
based on network address
Print
deleting
Print
deleting resource files
Print
obtaining FQN from
Print
obtaining resource files
Print
validating
Print

Router screen
NLM Programming

Routers
AppleTalk, loading
Communication
information about
Management
information about, obtaining
Management

RSM
resource files
See Print resource files

RunList
NLM Programming

SSS

Salvaging
erased files
File

Salvaging erased files
File

SAP
advertising services
Communication
broadcasts
Communication
functions
Communication
general service queries
Communication
initializing
Communication
locating services with
Communication
nearest service queries
Communication
notification of shutdown
Communication
overview
Communication
responding to service queries
Communication
scanning the bindery
Communication
server names
Communication
server types
Communication
service advertising packets
Communication
service identification packets
Communication
socket assignments

Communication

SAP response list

Communication

SAP Services

AdvertiseService (DOS, Win)
Communication
AdvertiseService (NLM)
Communication
FreeQueryServicesList (NLM)
Communication
QueryServices (DOS, Win)
Communication
QueryServices (NLM)
Communication
ShutdownAdvertising (NLM)
Communication
ShutdownSAP (DOS, Win)
Communication
structures
SAP
Communication
SAP_RESPONSE_LIST_ENTRY
Communication

Scheduling

AES process events
NLM Programming

Screen attributes

NLM Programming
automatic screen destruction
NLM Programming
changing
NLM Programming
control-character checking
NLM Programming
cursor coupling
NLM Programming
initial settings
NLM Programming
popup screen
NLM Programming

Screen editor, NWSNUT Services
NLM Programming

Screen handles
NLM Programming
obtaining
NLM Programming
retrieving
NLM Programming
screen ID for
NLM Programming
testing for
File

Screen handling
NLM Programming
as a NetWare OS issue
NLM Programming
functions
NLM Programming
in NLM development
NLM Programming

Screen Handling Services
CheckIfScreenDisplayed
NLM Programming
clrscr
NLM Programming
ConsolePrintf
NLM Programming
CopyFromScreenMemory
NLM Programming
CopyToScreenMemory
NLM Programming
CreateScreen
NLM Programming
DestroyScreen
NLM Programming
DisplayInputCursor
NLM Programming
DisplayScreen
NLM Programming
DropPopUpScreen
NLM Programming
GetCurrentScreen
NLM Programming

GetCursorCouplingMode
NLM Programming
GetCursorShape
NLM Programming
GetCursorSize
NLM Programming
GetPositionOfOutputCursor
NLM Programming
GetScreenID
NLM Programming
GetScreenInfo
NLM Programming
GetSizeOfScreen
NLM Programming
gotoxy
NLM Programming
HideInputCursor
NLM Programming
IsColorMonitor
NLM Programming
PressAnyKeyToContinue
NLM Programming
PressEscapeToQuit
NLM Programming
RingTheBell
NLM Programming
ScanScreens
NLM Programming
ScrollScreenRegionDown
NLM Programming
ScrollScreenRegionUp
NLM Programming
SetAutoScreenDestructionMode
NLM Programming
SetCtrlCharCheckMode
NLM Programming
SetCurrentScreen
NLM Programming
SetCursorCouplingMode
NLM Programming
SetCursorShape
NLM Programming
SetInputAtOutputCursorPosition
NLM Programming

SetOutputAtInputCursorPosition
NLM Programming
SetPositionOfInputCursor
NLM Programming
SetScreenAreaAttribute
NLM Programming
SetScreenCharacterAttribute
NLM Programming
SetScreenRegionAttribute
NLM Programming
wherex
NLM Programming
wherey
NLM Programming

Screen ID, for screen handle
NLM Programming

Screen names
NLM Programming
Default
NLM Programming
none
NLM Programming
reserved
NLM Programming
System Console
NLM Programming

Screen size
determining
NLM Programming

Screens
active, testing whether
NLM Programming
automatic screen destruction
NLM Programming
buffers
NLM Programming
clearing
NLM Programming
clearing, in NWSNUT
NLM Programming
closing

NLM Programming
creating
NLM Programming
current
NLM Programming
cursor coupling
NLM Programming
Debug
NLM Programming
destroying
NLM Programming
disabling input cursor
NLM Programming
displaying
NLM Programming
displaying a menu of
NLM Programming
displaying <Press any key to continue> message
NLM Programming
displaying <Press Escape to quit or any key to continue> message
NLM Programming
enabling and disabling
automatic screen destruction
NLM Programming
control-character checking
NLM Programming
cursor coupling
NLM Programming
enabling input cursor
NLM Programming
initial settings
NLM Programming
input
NLM Programming
I/O
NLM Programming
names of
NLM Programming
NLM
NLM Programming
NWSNUT
NLM Programming
obtaining screen handle of
NLM Programming
output

NLM Programming
popup
NLM Programming
popup, redisplaying
NLM Programming
position of output cursor
NLM Programming
positioning output cursor
NLM Programming
retrieving screen handles
NLM Programming
Router
NLM Programming
scanning
NLM Programming
screen handles
NLM Programming
screen palette for NWSNUT
NLM Programming
scrolling
NLM Programming
setting
NLM Programming
display attribute for a character
NLM Programming
display attributes for a screen region
NLM Programming
display attributes for an area
NLM Programming
size of
NLM Programming
switching between
NLM Programming
System Console
NLM Programming
types of
NLM Programming
writing characters to
NLM Programming

Screens, NLM

creating
NLM Programming
deleting
NLM Programming

input and output cursors
NLM Programming

Scroll bars
in NWSNUT portals
editing text in
NLM Programming

Scrolling
portal zone
NLM Programming

Scrolling a portion of the screen
NLM Programming

SDK
features of
General Information/Getting Started
introduction to
General Information/Getting Started
platforms covered by
New Features/Important Information

Search filter expression tree
adding nodes to
NDS/Bindery
adding tokens to
NDS/Bindery
creating
NDS/Bindery
deleting tokens from
NDS/Bindery
freeing
NDS/Bindery
storing in an input buffer
NDS/Bindery

Search forms, DynaText
SDK Roadmap

Search paths, adding
NLM Programming

Searching the online documentation
SDK Roadmap

Secondary login extensions
Login

Seconds
to ticks, converting
Management

Second-level files
File

Sectors
See also Disk space
number in a cluster
File
per block
File
size of
File
obtaining
File

SECURE CONSOLE command
NLM Programming

Security
See also Passwords
access control
NDS/Bindery
auditing
Management
authentication
NDS/Bindery
bindery properties associated with
NDS/Bindery
Class C2 criteria for auditing
Management
equivalence in NDS
NDS/Bindery
for a connection, level of
Connection
for bindery properties
NDS/Bindery
for NCP extensions
Communication
in NDS
NDS/Bindery

in NDS applications
NDS/Bindery
of bindery objects
changing
NDS/Bindery
of bindery properties
changing
NDS/Bindery
of connections
setting
Connection
public status
NDS/Bindery
version of, obtaining
Management

Security equivalence
NDS/Bindery
of NDS objects, adding to
NDS/Bindery
removing from NDS object
NDS/Bindery

Semaphores
File
closing
File
creating
File
functions
File
in NLM development
NLM Programming
incrementing
File
local
allocating
NLM Programming
closing
NLM Programming
decrementing
NLM Programming
incrementing
NLM Programming
value of

NLM Programming
waiting on
NLM Programming
scanning for
by connection
File
by name
File
unfreed by an NLM, checking for
NLM Programming
used by an NLM, monitoring
NLM Programming
value of, determining
File
waiting on
File

Serial numbers
of servers, obtaining
Management

Server
PAP status
Communication

Server addresses
retrieving
NDS/Bindery

Server console
sending messages to
Communication

Server Environment Service
NWAttachToFileServer
Management
NWAttachToFileServerByConn
Management
NWCheckConsolePrivileges
Management
NWCheckNetWareVersion
Management
NWDetachFromFileServer (6/96)
Management
NWDisableFileServerLogin

Management
NWDownFileServer
Management
NWEnableFileServerLogin
Management
NWGetActiveConnListByType
Management
NWGetActiveLANBoardList
Management
NWGetActiveProtocolStacks
Management
NWGetCacheInfo
Management
NWGetCPUInfo
Management
NWGetDirCacheInfo
Management
NWGetDiskCacheStats
Management
NWGetDiskChannelStats
Management
NWGetFileServerDateAndTime
Management
NWGetFileServerDescription
Management
NWGetFileServerExtendedInfo
Management
NWGetFileServerInfo
Management
NWGetFileServerInformation
Management
NWGetFileServerLANIOStats
Management
NWGetFileServerLoginStatus
Management
NWGetFileServerMiscInfo
Management
NWGetFileServerName (obsolete 6/96)
Management
NWGetFileServerVersion (obsolete 6/96)
Management
NWGetFileServerVersionInfo
Management
NWGetFileSystemStats
Management

NWGetFSDriveMapTable
Management
NWGetFSLANDriverConfigInfo
Management
NWGetGarbageCollectionInfo
Management
NWGetGeneralRouterAndSAPInfo
Management
NWGetIPXSPXInfo
Management
NWGetKnownNetworksInfo
Management
NWGetKnownServersInfo
Management
NWGetLANCommonCountersInfo
Management
NWGetLANConfigInfo
Management
NWGetLANCustomCountersInfo
Management
NWGetLoadedMediaNumList
Management
NWGetLSLInfo
Management
NWGetLSLLogicalBoardStats
Management
NWGetMediaMgrObjChildrenList
Management
NWGetMediaMgrObjInfo
Management
NWGetMediaMgrObjList
Management
NWGetMediaNameByMediaNum
Management
NWGetNetWareFileSystemsInfo
Management
NWGetNetworkRouterInfo
Management
NWGetNetworkRoutersInfo
Management
NWGetNetworkSerialNumber
Management
NWGetNLMInfo
Management

NWGetNLMLoadedList
Management
NWGetNLMsResourceTagList
Management
NWGetOSVersionInfo
Management
NWGetPacketBurstInfo
Management
NWGetPhysicalDiskStats
Management
NWGetProtocolStackConfigInfo
Management
NWGetProtocolStackCustomInfo
Management
NWGetProtocolStackStatsInfo
Management
NWGetProtocolStkNumsByLANBrdNum
Management
NWGetProtocolStkNumsByMediaNum
Management
NWGetServerInfo
Management
NWGetServerSetCategories
Management
NWGetServerSetCommandsInfo
Management
NWGetServerSourcesInfo
Management
NWGetVolumeInfoByLevel
Management
NWGetVolumeSegmentList
Management
NWGetVolumeSwitchInfo
Management
NWIsManager
Management
NWLoginToFileServer
Management
NWLogoutFromFileServer
Management
NWSetFileServerDateAndTime
Management
structures
CACHE_COUNTERS
Management

CACHE_INFO
Management
CACHE_MEM_COUNTERS
Management
CACHE_TREND_COUNTERS
Management
CPU_INFO
Management
DIR_CACHE_INFO
Management
DRV_MAP_TABLE
Management
DSK_CACHE_STATS
Management
DSK_CHANNEL_STATS
Management
FILESYS_STATS
Management
FILE_SERVER_COUNTERS
Management
FSE_FILE_SYSTEM_INFO
Management
FSE_MM_OBJ_INFO
Management
FSE_SERVER_INFO
Management
IPX_INFO
Management
KNOWN_NET_INFO
Management
LAN_COMMON_INFO
Management
LAN_CONFIG_INFO
Management
LSL_INFO
Management
MEDIA_INFO_DEF
Management
NLM_INFO
Management
NWFSE_ACTIVE_CONN_LIST
Management
NWFSE_ACTIVE_LAN_BOARD_LIST
Management

NWFSE_ACTIVE_STACKS
Management
NWFSE_CACHE_INFO
Management
NWFSE_CPU_INFO
Management
NWFSE_DIR_CACHE_INFO
Management
NWFSE_FILE_SERVER_INFO
Management
NWFSE_FILE_SYSTEM_INFO
Management
NWFSE_GARBAGE_COLLECTION_INFO
Management
NWFSE_GENERAL_ROUTER_SAP_INFO
Management
NWFSE_IPXSPX_INFO
Management
NWFSE_KNOWN_NETWORKS_INFO
Management
NWFSE_KNOWN_SERVER_INFO
Management
NWFSE_LAN_COMMON_COUNTERS_INFO
Management
NWFSE_LAN_CONFIG_INFO
Management
NWFSE_LAN_CUSTOM_INFO
Management
NWFSE_LOADED_MEDIA_NUM_LIST
Management
NWFSE_LSL_INFO
Management
NWFSE_LSL_LOGICAL_BOARD_STATS
Management
NWFSE_MEDIA_MGR_OBJ_INFO
Management
NWFSE_MEDIA_NAME_LIST
Management
NWFSE_NETWORK_ROUTERS_INFO
Management
NWFSE_NETWORK_ROUTER_INFO
Management
NWFSE_NLMS_RESOURCE_TAG_LIST
Management
NWFSE_NLM_INFO

Management
NWFSE_NLM_LOADED_LIST
Management
NWFSE_OS_VERSION_INFO
Management
NWFSE_PACKET_BURST_INFO
Management
NWFSE_PROTOCOL_CUSTOM_INFO
Management
NWFSE_PROTOCOL_ID_NUMS
Management
NWFSE_PROTOCOL_STK_CONFIG_INFO
Management
NWFSE_PROTOCOL_STK_STATS_INFO
Management
NWFSE_SERVER_INFO
Management
NWFSE_SERVER_SET_CATEGORIES
Management
NWFSE_SERVER_SET_CMDS_INFO
Management
NWFSE_SERVER_SRC_INFO
Management
NWFSE_USER_INFO
Management
NWFSE_VOLUME_INFO_BY_LEVEL
Management
NWFSE_VOLUME_SEGMENT_LIST
Management
NWFSE_VOLUME_SWITCH_INFO
Management
NWLAN_CONFIG
Management
NW_DYNAMIC_MEM
Management
NW_FS_INFO
Management
PACKET_BURST_INFO
Management
PHYS_DSK_STATS
Management
resourceTagBuf
Management
ROUTERS_INFO

Management
SERVERS_SRC_INFO
Management
SERVER_AND_VCONSOLE_INFO
Management
SERVER_LAN_IO_STATS
Management
SPX_INFO
Management
STACK_INFO
Management
USER_INFO
Management
VERSION_INFO
Management
VOLUME_INFO_BY_LEVEL
Management
VOLUME_INFO_BY_LEVEL_DEF
Management
VOLUME_INFO_BY_LEVEL_DEF2
Management
VOLUME_SEGMENT
Management
VOLUME_SWITCH_INFO
Management

Server Environment Services
GetServerConfigurationInfo
Management

Server Fault Tolerance
See SFT III

Server Listener Sockets
See SLSs

Server listening sockets (SLS)
making from file descriptors (PAP)
Communication

Server Management
NWSMAddNSToVolume
Management
NWSMDismountVolumeByName
Management
NWSMDismountVolumeByNumber

Management
NWSMExecuteNCFFile
Management
NWSMLoadNLM
Management
NWSMSetDynamicCmdIntValue
Management
NWSMSetDynamicCmdStrValue
Management
NWSMUnloadNLM
Management

Server parameters
memory protection
NLM Programming

Server session socket (SSS)
creating (PAP)
Communication

Server Session Sockets
See SSSs

Server session sockets (SSS)
creating (ASP)
Communication

Server up-time, in ticks
Management

Servers
accounting
Management
accounting version for, obtaining
Management
accounting, determining whether installed
Management
address of, obtaining
Management
addresses of
associated with a connection handle
NDS/Bindery
where NDS object is located
NDS/Bindery
attaching to
Connection

Connection
auditing events for
Management
bridging version for, obtaining
Management
bringing down
Management
notification
Communication
changing current server
NLM Programming
clock status type
NLM Programming
clock, controlling
NLM Programming
company name for, obtaining
Management
configuration of
Management
connecting to
Connection
connection numbers on, for an object, obtaining
Connection
connections in use, number of
Management
copyright notice for, obtaining
Management
current
NLM Programming
changing
NLM Programming
current file server ID, retrieving
Connection
date for, obtaining
Management
date, setting
Management
detaching from
Connection
distinguished name of, obtaining
NDS/Bindery
drive mapping table for, obtaining
Management
fault tolerant
See SFT III

file system statistics, obtaining
Management
frame types loaded on
Management
garbage collection statistics, obtaining
Management
hops to, obtaining
Management
ID number
NLM Programming
setting
Connection
information about, obtaining
from connections
Connection
Internet address for a connection on, obtaining
Connection
IPX statistics, obtaining
Management
known, information about
Management
LAN boards on, information about
Management
LAN I/O statistics, obtaining
Management
language on
adding language to supported list
Internationalization
current
Internationalization
languages on
setting
Internationalization
local
NLM Programming
logging in to
Connection
Management
logging out from
Connection
Management
login enabled, determining whether
Management
logins, accepting new
Management

Management
logins, refusing
Management
maximum number of connections used at one time on
Management
media numbers loaded on
Management
mirroring
NLM Programming
name of, obtaining
Management
names of
retrieving
NDS/Bindery
native locale of, determining
Internationalization
NCP extensions on, scanning for
Communication
NDS partitions stored on
NDS/Bindery
NDS servers
NDS/Bindery
NDS, checking for presence of
NDS/Bindery
NetWare version for, obtaining
Management
network and node address of
Communication
NLM applications loaded on, listing
Management
operational statistics, obtaining
Management
Packet Burst statistics, obtaining
Management
packet statistics, obtaining
Management
preferred
obtaining
Connection
setting
Connection
print
See Print servers
print server version for, obtaining
Management

protocol stack configuration of
Management
protocol stack custom information, obtaining
Management
protocol stack statistics, obtaining
Management
queueing version for, obtaining
Management
remote
accessing
NLM Programming
logging out
NLM Programming
removing from full path
File
resources used by NLM applications
Management
revision date for, obtaining
Management
security version for, obtaining
Management
serial number, obtaining
Management
servers known to, information about
Management
SET configuration parameter categories, obtaining
Management
SET configuration parameters, obtaining
Management
setable parameters
NLM Programming
scanning
NLM Programming
setting preferred
Connection
setting setable parameters
NLM Programming
SFT level supported by
Management
SPX statistics, obtaining
Management
support for NDS, determining
Connection
time for, obtaining
Management

Management
time since a server was brought up
File
time, setting
Management
TTS level supported by
Management
types of, for SAP
Communication
up time
File
UTC time setting, retrieving
NDS/Bindery
VAP version for, obtaining
Management
version information, obtaining
Management
version number, obtaining
Management
version 2.x
statistics, obtaining
Management
virtual console version for, obtaining
Management
volumes, maximum number of
Management

SERVER.EXE
NLM Programming

SERVER.NLM
NLM Programming

Service advertising packets
Communication

Service Advertising Protocol
See SAP

Service identification packets
Communication

Service NLM applications
NLM Programming

Service queries
general service queries

general service queries
Communication
nearest service queries
Communication
responding to
Communication

Services

See also Advertising services
See also SAP
advertising
Communication
registering with Novell
General Information/Getting Started
structures
AddressTableStruct
Communication
AllKnownNetworksStruct
Communication
AllResponseData
Communication
BridgeDriverStatusStruct
Communication
BridgeStatisticsStruct
Communication
DriverConfigurationStruct
Communication
DriverStatisticsStruct
Communication
IPXSPXVersion
Communication
IPXStatisticsStruct
Communication
LocalTablesStruct
Communication
NetworkAddressStruct
Communication
NodeAddressStruct
Communication
NumberStruct
Communication
OSVersionStruct
Communication
ReturnReceivedPacketStruct
Communication

RouteSourceInfoStruct
Communication
RoutingInfoStruct
Communication
SendPacketsRequestStruct
Communication
SendPacketsResponseStruct
Communication
ServerAddressTableStruct
Communication
ServerInfoStruct
Communication
ShellStatisticsStruct
Communication
ShellVersionStruct
Communication
SpecificNetworkInfoStruct
Communication
SpecificServerInfoStruct
Communication
SPXStatisticsStruct
Communication
StartCountingPacketsStruct
Communication

SERVICES database

closing
Communication
next entry in
Communication
opening
Communication

Services, Internet

obtaining by name
Communication
obtaining by port number
Communication
obtaining port number
Communication

SET configuration parameters

categories, obtaining
Management
for a server, obtaining

Management

SET console command
NLM Programming
and memory protection
NLM Programming
and SFT III
NLM Programming
obtaining parameter values
NLM Programming
parameter categories on a server
Management
parameter configuration on a server
Management
scanning setable parameters
NLM Programming
setting setable parameters
NLM Programming
time server parameters
NLM Programming

SET properties
adding members to
NDS/Bindery
deleting members from
NDS/Bindery

SET property
finding objects in
NDS/Bindery

SetCurrentConnectionID
NLM Programming

SetDefaultConnectionID
NLM Programming

Setting
name spaces, target
File

SETUPNLS.NLM
used for
Management

SFT III
and the NetWare API

NLM Programming
and time synchronization
NLM Programming
debugger commands
NLM Programming
described
NLM Programming
drive duplexing
NLM Programming
dual-processing support
NLM Programming
functions not supported in the IOEngine
NLM Programming
functions not supported in the MSEngine
NLM Programming
IOEngine
NLM Programming
applications
NLM Programming
services that cannot be used by applications running in
NLM Programming
LAN configuration
NLM Programming
memory management
NLM Programming
mirrored applications
NLM Programming
Mirrored Server Link
NLM Programming
MSEngine
NLM Programming
applications
NLM Programming
NetWare API modifications for
NLM Programming
NLM design issues
NLM Programming
primary and secondary servers
NLM Programming
SFT II services in
NLM Programming
transaction tracking in
NLM Programming
using device drivers with

NLM Programming

SFT level
highest level supported by a server
Management

SFT Level II
NLM Programming

Shape, of cursor
NLM Programming

Shared memory
NLM Programming

Signal handling
in NLM termination
NLM Programming

Sine, computing
NLM Programming

Size
of cursor
NLM Programming
of files
File
of file, changing
File
of memory blocks
NLM Programming
of screen
NLM Programming

SLS (ASP)
Communication

SLS (PAP)
Communication
creating
Communication

SLSs
Communication
closing
Communication
creating

Communication

SMP Services

deleted functions
NLM Programming
function name changes
NLM Programming
NWSMPBarrierAlloc
NLM Programming
NWSMPBarrierDestroy
NLM Programming
NWSMPBarrierWait
NLM Programming
NWSMPCondAlloc
NLM Programming
NWSMPCondBroadcast
NLM Programming
NWSMPCondDestroy
NLM Programming
NWSMPCondWait
NLM Programming
NWSMPIsAvailable
NLM Programming
NWSMPMutexDestroy
NLM Programming
NWSMPMutexLock
NLM Programming
NWSMPMutexSleepAlloc
NLM Programming
NWSMPMutexTryLock
NLM Programming
NWSMPMutexUnlock
NLM Programming
NWSMPRMutexAlloc
NLM Programming
NWSMPRMutexDestroy
NLM Programming
NWSMPRMutexLock
NLM Programming
NWSMPRMutexOwner
NLM Programming
NWSMPRMutexTryLock
NLM Programming
NWSMPRMutexUnlock

NLM Programming
NWSMPRWLockAlloc
NLM Programming
NWSMPRWLockDestroy
NLM Programming
NWSMPRWReadLock
NLM Programming
NWSMPRWTryReadLock
NLM Programming
NWSMPRWTryWriteLock
NLM Programming
NWSMPRWUnlock
NLM Programming
NWSMPRWWriteLock
NLM Programming
NWSMPSpinAlloc
NLM Programming
NWSMPSpinDestroy
NLM Programming
NWSMPSpinLock
NLM Programming
NWSMPSpinTryLock
NLM Programming
NWSMPSpinUnlock
NLM Programming
NWSMPThreadToMP
NLM Programming
NWSMPThreadToNetWare
NLM Programming

Snapin Services

structures
NWACreateMDIChildParam
Management
NWASelObject, PNWASelObject
Management
NWAStatusBarItemStruct
Management
NWAStatusBarPrefItemStruct
Management
NWAToolBarItemStruct
Management
NWAToolBarPrefItemStruct
Management
NWAToolBarRegistrationStruct

Management
NWAToolsMenuItem
Management

Snap-In

overview
Management

Snap-in DLLs

callback functions
Management
components of
Management
dialogs
Management
flat browser
Management
interface
Management
registering menus
Management
snap-in view
Management

Snap-in messages

Management

Snap-in Services

CanCloseSnapin
Management
InitSnapin
Management
NWAAddClassData
Management
NWAAddPropertyNameTranslation
Management
NWACreateMDIChildWindow
Management
NWACreateMved
Management
NWACreateWindowMenu
Management
NWAExitNWAdmin
Management
NWAFlatBrowserProc
Management

Management
NWAGetClassAliasBitmap
Management
NWAGetClassBitmap
Management
NWAGetClassReadOnlyBitmap
Management
NWAGetConsoleWindowHandle
Management
NWAGetMvedCount
Management
NWAGetMvedValue
Management
NWAGetNLSFilePath
Management
NWAGetNWAdminVersion
Management
NWAGetSaveSettingsOption
Management
NWAGetSelObject
Management
NWAGetSelObjectCount
Management
NWAGetToolsMenuItem
Management
NWAGetToolsMenuItemCount
Management
NWAGetTranslatedClassName
Management
NWAGetTranslatedPropertyName
Management
NWAGetTreeName
Management
NWALaunchConfigDialog
Management
NWALaunchDetails
Management
NWALaunchDSFlatBrowser
Management
NWALaunchFSFlatBrowser
Management
NWAMVEDProc
Management
NWAProcessToolsMenuItemCommand
Management

NWAProcessToolsMenuItemValid
Management
NWARegisterMDIChildWindow
Management
NWARegisterMenu
Management
NWARegisterObjectProc
Management
NWARegisterObjectProcEx
Management
NWARegisterToolBarButton
Management
NWARemoveClassData
Management
NWARemovePropertyNameTranslation
Management
NWASnapinMDIChildProc
Management
NWASnapinMenuActionProc
Management
NWASnapinMenuValidProc
Management
NWASnapinObjectProc
Management
NWASnapinTBButtonEnableProc
Management
NWA_MSG_APPLYTEMPLATE
Management
NWA_MSG_CLOSESNAPIN
Management
NWA_MSG_CREATEOBJECT
Management
NWA_MSG_FBFILTER_COUNT
Management
NWA_MSG_FBFILTER_VALUE
Management
NWA_MSG_FBOBJECT_COUNT
Management
NWA_MSG_FBOBJECT_VALUE
Management
NWA_MSG_GETPAGECOUNT
Management
NWA_MSG_GETVALIDOPERATIONS
Management
NWA_MSG_INITSNAPIN

NWA_MSG_INITSNAPIN
Management
NWA_MSG_IVEGOTFOCUS
Management
NWA_MSG_MDICHILD_CLEARSETTINGS
Management
NWA_MSG_MDICHILD_CREATED
Management
NWA_MSG_MDICHILD_RESTORE
Management
NWA_MSG_MDICHILD_SAVESETTINGS
Management
NWA_MSG_MODIFY
Management
NWA_MSG_MPEWCLOSE
Management
NWA_MSG_MULTIOBJ_COUNT
Management
NWA_MSG_MULTIOBJ_NAME
Management
NWA_MSG_MVED_INITCOUNT
Management
NWA_MSG_MVED_INITVALUE Message
Management
NWA_MSG_NOTIFYCREATEOBJECT
Management
NWA_MSG_NOTIFYDELETE
Management
NWA_MSG_NOTIFYMOVE
Management
NWA_MSG_NOTIFYRENAME
Management
NWA_MSG_QUERYCOPY
Management
NWA_MSG_QUERYDELETE
Management
NWA_MSG_QUERYMOVE
Management
NWA_MSG_REGISTERPAGE
Management
NWA_MSG_RENAME
Management
NWA_MSG_STATUSBAR_ADDITEM
Management
NWA_MSG_STATUSBAR_ADDPREFITEM

Management
NWA_MSG_STATUSBAR_DBLCLK
Management
NWA_MSG_STATUSBAR_NEWACTIVEITEMS
Management
NWA_MSG_STATUSBAR_POPULATE
Management
NWA_MSG_STATUSBAR_QUERYACTIVECOUNT
Management
NWA_MSG_STATUSBAR_QUERYACTIVEITEMS
Management
NWA_MSG_STATUSBAR_QUERYITEMCOUNT
Management
NWA_MSG_STATUSBAR_SETITEMTEXT
Management
NWA_MSG_TOOLBAR_ADDITEM
Management
NWA_MSG_TOOLBAR_ADDPREFITEM
Management
NWA_MSG_TOOLBAR_GETBUTTONSTATE
Management
NWA_MSG_TOOLBAR_GETBUTTONTYPE
Management
NWA_MSG_TOOLBAR_NEWACTIVEITEMS
Management
NWA_MSG_TOOLBAR_POPULATE
Management
NWA_MSG_TOOLBAR_QUERYACTIVECOUNT
Management
NWA_MSG_TOOLBAR_QUERYACTIVEITEMS
Management
NWA_MSG_TOOLBAR_QUERYENABLEBUTTON
Management
NWA_MSG_TOOLBAR_QUERYITEMCOUNT
Management
NWA_MSG_TOOLBAR_SETBUTTONSTATE
Management
NWA_WM_CANCLOSE
Management
NWA_WM_F1HELP
Management
NWA_WM_SETPAGEMODIFY
Management
PostInitSnapin
Management

Management
ShutDown
Management

SNMP Services

structures
AttrValue
Management

Socket handles

Communication

Sockets

accepting a connection
Communication
active and passive
Communication
ASP
Communication
assigned to SAP
Communication
ATP
Communication
and file descriptors
Communication
closing
Communication
dynamic
Communication
static
Communication
binding to a network address
Communication
BSD
See BSD sockets
closing a connection
Communication
creating a socket endpoint
Communication
DDP
binding
Communication
closing
Communication
de-registering a listener
Communication

dynamic
Communication
dynamically assigned
Communication
establishing a connection
Communication
intra-node packets
Communication
IPX
See IPX sockets
local network address for, obtaining
Communication
managing with NWSIPX
Communication
NBP
registering by socket
Communication
removing NBP registration by
Communication
network I/O
Communication
options
Communication
receiving a connection request
Communication
reserved by NetWare
NLM Programming
SLS
See SLSs
SPX
See SPX sockets
SSS
See SSSs
statically assigned
Communication
status queries
Communication
TCP
Communication
WSS
See WSSs

Software

requirements for development

General Information/Getting Started

Sorting

Lists

NLM Programming

Spin-waiting

NLM Programming

sprintf

parameter reordering for

Internationalization

SPX

See also IPX/SPX

See also NWSIPX

See also SPX II

Communication

connection control bits

Communication

features

Communication

functions

Communication

NLM

Communication

initializing

Communication

installed, determining whether

DOS

Communication

Windows

Communication

releasing resources used by (Windows)

Communication

sockets

See SPX sockets

statistics, obtaining

Management

time interval marker, obtaining

Communication

transmitting data

Communication

version of

NLM

Communication

SPX connections

aborting
DOS
Communication
NLM
Communication
Windows
Communication
connection control bits
Communication
establishing
Communication
DOS
Communication
NLM
Communication
Windows
Communication
listening for
DOS
Communication
NLM
Communication
Windows
Communication
maximum number of
NLM
Communication
releasing
Communication
status of
DOS
Communication
NLM
Communication
Windows
Communication
terminating
DOS
Communication
NLM
Communication
Windows

Communication

SPX II

Communication
implementation of
Communication
TLI implementation notes
Communication

SPX II structures

IPX_ADDR
Communication

SPX packets

cancelling
NLM
Communication
End-Of-Connection-Acknowledgment
Communication
listening for
NLM
Communication
sending
NLM
Communication
sequenced, listening for
DOS
Communication
NLM
Communication
Windows
Communication
sequenced, sending
DOS
Communication
Windows
Communication
structure of
Communication

SPX Protocol

IPX_ECB
Communication
SPX_HEADER
Communication
SPX_SESSION

Communication

SPX Services

SPXAbortConnection (DOS)
Communication
SpxAbortConnection (NLM)
Communication
SPXAbortConnection (Win)
Communication
SpxCancelEvent (NLM)
Communication
SpxCancelPacket (NLM)
Communication
SpxCheckSocket (NLM)
Communication
SpxCloseSocket (NLM)
Communication
SPXEstablishConnection (DOS)
Communication
SpxEstablishConnection (NLM)
Communication
SPXEstablishConnection (Win)
Communication
SpxGetConfiguration (NLM)
Communication
SPXGetConnectionStatus (DOS)
Communication
SpxGetConnectionStatus (NLM)
Communication
SPXGetConnectionStatus (Win)
Communication
SpxGetTime (NLM)
Communication
SpxGetVersion (NLM)
Communication
SPXInitialize (DOS)
Communication
SPXInitialize (Win)
Communication
SpxListenForConnectedPacket (NLM)
Communication
SPXListenForConnection (DOS)
Communication
SpxListenForConnection (NLM)
Communication

Communication
SPXListenForConnection (Win)
Communication
SPXListenForSequencedPacket (DOS)
Communication
SpxListenForSequencedPacket (NLM)
Communication
SPXListenForSequencedPacket (Win)
Communication
SpxOpenSocket (NLM)
Communication
SPXSendSequencedPacket (DOS)
Communication
SpxSendSequencedPacket (NLM)
Communication
SPXSendSequencedPacket (Win)
Communication
SPXTerminateConnection (DOS)
Communication
SpxTerminateConnection (NLM)
Communication
SPXTerminateConnection (Win)
Communication

SPX sockets

closing
Communication
NLM
Communication
managing
Communication
opening
Communication
NLM
Communication
status of
NLM
Communication

Square root, computing

NLM Programming

SSS

ASP
creating
Communication

PAP
creating
Communication

SSSs

Communication
closing
Communication
file descriptors
Communication
opening
Communication

Stack

bytes currently available in
NLM Programming

Stack requirements

General Information/Getting Started

Statistics

for volumes
File
returning for logged in objects
Connection

Status

ASP
handling requests individually
Communication
replying to request
Communication
setting on an SLS
Communication
of connect request
Communication
of file or directory
File
of NWSNUT resources
NLM Programming
of print jobs
Print
of printers, obtaining
Print
PAP

Communication
find status of server
Communication

stdin
retrieving characters from
File
retrieving strings from
File
scanning input from
File

stdout
writing to
File
under format control
File

Storage devices
information about
Management

Storage media
types of, for Media Manager
File

Stream I/O
File
functions
File

Stream I/O Services
clearerr
File
fclose
File
fcloseall
File
fdopen
File
feof
File
ferror
File
fflush
File

fgetc
File
fgetchar
File
fgetpos
File
fgets
File
fileno
File
flushall
File
fopen
File
fprintf
File
fputc
File
fputs
File
fread
File
freopen
File
fscanf
File
fseek
File
fsetpos
File
ftell
File
fwrite
File
getc
File
getchar
File
gets
File
printf
File
putc
File
putchar

putchar
File
puts
File
rewind
File
scanf
File
setbuf
File
setvbuf
File
tmpfile
File
ungetc
File
vfprintf
File
vfscanf
File
vprintf
File
vscanf
File

Streams

See UNIX STREAMS
File
and IPX/SPX
Communication
associating with a file
File
associating with file handles
File
associating with files
File
changing read/write position of
File
characters from, retrieving
File
clearing end-of-file and error indicators
File
closing
File
closing all files

File
closing files
File
creating
File
end-of-file, testing for
File
error indicator for, testing
File
file handles for, getting
File
flushing buffers
File
flushing output buffer
File
next character in, getting
File
opening
File
output
writing characters to
File
writing strings to
File
position of
File
pushing characters back onto
File
NLM Programming
reading
File
reading data from
File
read/write position of
File
scanning
input from under format control
File
scanning input from
File
under format control
File
scanning input from stdin
File
setting position of

File
strings from stdin, retrieving
File
writing
characters to
File
elements to
File
strings to
File
writing to
under format control
File
writing to stdout
File
under format control
File

String Conversion Services

ASCIIZToLenStr
NLM Programming
ASCIIZToMaxLenStr
NLM Programming
atof
NLM Programming
atoi
NLM Programming
atol
NLM Programming
ecvt
NLM Programming
fcvt
NLM Programming
gcvt
NLM Programming
itoa
NLM Programming
LenToASCIIZStr
NLM Programming
ltoa
NLM Programming
strtod
NLM Programming
strtoi

NLM Programming
strtol
NLM Programming
strtoul
NLM Programming
ultoa
NLM Programming
utoa
NLM Programming

String Manipulation Services

LenStrCat
NLM Programming
LenStrCmp
NLM Programming
LenStrCpy
NLM Programming
sprintf
NLM Programming
sscanf
NLM Programming
strcat
NLM Programming
strchr
NLM Programming
strcmp
NLM Programming
strcmpi
NLM Programming
strcoll
NLM Programming
strcpy
NLM Programming
strcspn
NLM Programming
strdup
NLM Programming
strerror
NLM Programming
stricmp
NLM Programming
strlen
NLM Programming
strlist
NLM Programming

strlwr
NLM Programming
strncat
NLM Programming
strncmp
NLM Programming
strncpy
NLM Programming
strnicmp
NLM Programming
strnset
NLM Programming
strpbrk
NLM Programming
strrchr
NLM Programming
strrev
NLM Programming
strset
NLM Programming
strspn
NLM Programming
strstr
NLM Programming
strtok
NLM Programming
strupr
NLM Programming
strxfrm
NLM Programming
swab
NLM Programming
swaw
NLM Programming
vsprintf
NLM Programming
vsscanf
NLM Programming

Strings

appending characters from one string to another
NLM Programming
ASCIIZ to length-preceded, converting
NLM Programming
case ignore

testing for equivalency
NDS/Bindery
comparing
Internationalization
NLM Programming
a given number of characters in
NLM Programming
a given number of characters in with case insensitivity
NLM Programming
using the collating sequence of the current locale
Internationalization
NLM Programming
with case insensitivity
Internationalization
NLM Programming
concatenating
NLM Programming
converting
floating-point numbers to
NLM Programming
integers to
Internationalization
NLM Programming
long integers to
Internationalization
numbers to
Internationalization
to double representation
NLM Programming
to integers
Internationalization
NLM Programming
to long integer representation
NLM Programming
to long integers
NLM Programming
to lowercase
Internationalization
NLM Programming
to unsigned long integers
NLM Programming
to uppercase
Internationalization
NLM Programming

copying
Internationalization
NLM Programming
characters from one string to another
Internationalization
into array
NLM Programming
displaying in NWSNUT
NLM Programming
duplicating
NLM Programming
editing in portals
NLM Programming
enabled
Internationalization
filling with a given character
NLM Programming
functions for, internationalized
Internationalization
generating for use as file name
File
inserting characters into
Internationalization
last occurance of character in, locating
Internationalization
last occurrence of character in, locating
NLM Programming
length of
Internationalization
length of string segment
containing given characters
Internationalization
NLM Programming
not containing given characters
Internationalization
NLM Programming
length of, computing
Internationalization
NLM Programming
length-preceded
comparing
NLM Programming
copying
NLM Programming
length-preceded to ASCIIZ, converting

NLM Programming
locating
first occurrence of substring
Internationalization
NLM Programming
NBP
converting to NBP entity format
Communication
NULL-terminated to length-preceded, converting
File
number of characters in
Internationalization
PAP
status
Communication
receiving from streams
File
retrieving from stdin
File
reversing character order in
Internationalization
NLM Programming
scanning
NLM Programming
under format control
NLM Programming
searching for a character in
Internationalization
NLM Programming
searching for characters in
Internationalization
NLM Programming
setting characters in
NLM Programming
size of, increasing
Internationalization
storing
NLM Programming
tokenizing
Internationalization
NLM Programming
transforming
Internationalization
NLM Programming

truncating
Internationalization
writing to console
NLM Programming
writing to output stream
File

Structure descriptions

described
General Information/Getting Started

Structures

AdapterInfoDef
File
AddressTableStruct
Communication
AESProcessStructure
NLM Programming
AIOCONTROLDATA
Communication
AIODRIVERLIST
Communication
AIODRIVERLISTENTRY
Communication
AIODVRCAPABILITIES
Communication
AIODVRCONFIG
Communication
AIODVRSTATISTICS
Communication
AIOPORTCAPABILITIES
Communication
AIOPORTCONFIG
Communication
AIOPORTINFO
Communication
AIOPORTSEARCH
Communication
AllKnownNetworksStruct
Communication
AllKnowsServersStruct
Communication
AllResponseData
Communication
Asn1ID_T

NDS/Bindery
ATAdspOpt_t
Communication
AtAspPass_t
Communication
ATAtpPass_t
Communication
ATDdpOpt_t
Communication
ATDdp_t
Communication
ATEntity_t
Communication
ATInet_t
Communication
ATNbptuple_t
Communication
ATNveStr_t
Communication
ATPapPass_t
Communication
ATRetry_t
Communication
AttributeInfoDef
File
AttrInfo
Management
AttrValue
Management
Attr_Info_T
NDS/Bindery
Back_Link_T
NDS/Bindery
Bit_String_T
NDS/Bindery
BridgeDriverStatusStruct
Communication
BridgeStatisticsStruct
Communication
Buf_T
NDS/Bindery
CACHE_COUNTERS
Management
CACHE_INFO
Management

CACHE_MEM_COUNTERS
Management
CACHE_TREND_COUNTERS
Management
CaptureFlagsStruct
Print
ChangerInfoDef
File
CI_List_T
NDS/Bindery
Class_Info_T
NDS/Bindery
CloseFileCallBackStruct
File
commandParserStructure
NLM Programming
complex
NLM Programming
CONNECT_INFO
Connection
CONNS_USING_FILE
File
CONN_LOGICAL_LOCK
File
CONN_LOGICAL_LOCKS
File
CONN_PHYSICAL_LOCK
File
CONN_PHYSICAL_LOCKS
File
CONN_SEMAPHORE
File
CONN_SEMAPHORES
File
CONN_TASK
Connection
CONN_TASK_INFO
Connection
CONN_USE
Connection
CONN_USING_FILE
File
CPU_INFO
Management

CreateAndOpenCallBackStruct
File
CreateFileCallBackStruct
File
DeleteDirCallBackStruct
File
DeviceInfoDef
File
DFSCallBackParameters
File
DIR
File
DIR_CACHE_INFO
Management
DIR_SPACE_INFO
File
div_t
NLM Programming
DriverConfigurationStruct
Communication
DriverStatisticsStruct
Communication
DRV_MAP_TABLE
Management
DSEACL
Management
DSEBackLink
Management
DSEBinderyObjectInfo
Management
DSEBitString
Management
DSECIList
Management
DSEEmailAddress
Management
DSEEntryInfo
Management
DSEFaxNumber
Management
DSEHold
Management
DSENetAddress
Management
DSEOctetList

Management
DSEPath
Management
DSEReplicaPointer
Management
DSETimeStamp
Management
DSETraceInfo
Management
DSETypedName
Management
DSEValData
Management
DSEValueInfo
Management
DSK_CACHE_STATS
Management
DSK_CHANNEL_STATS
Management
EMail_Address_T
NDS/Bindery
EMAIL_ADDRESS_TYPE
NDS/Bindery
EraseFileCallBackStruct
File
EventCloseFileInfo
NLM Programming
EventDateMigrationInfo
NLM Programming
EventModifyDirEntryStruct
NLM Programming
EventTrusteeChangeStruct
NLM Programming
exception
NLM Programming
Fax_Number_T
NDS/Bindery
FIELD
NLM Programming
FileMapStructure
File
FILESYS_STATS
Management
FILE_SERVER_COUNTERS

Management
Filter_Cursor_T
NDS/Bindery
Filter_Node_T
NDS/Bindery
find_t
File
FlagBufferStruct
Print
FragElement
Communication
FRAGMENT
Communication
FSE_FILE_SYSTEM_INFO
Management
FSE_MM_OBJ_INFO
Management
FSE_SERVER_INFO
Management
GenericEraseFileCBStruct
File
GenericInfoDef
File
GenericModifyDOSInfoCBStruct
File
GenericModifyNSInfoCBStruct
File
GenericOpenCreateCBStruct
File
GenericPurgeDeletedCBStruct
File
GenericRenameCBStruct
File
GenericSalvageDeletedCBStruct
File
GrammarTableStruct
File
HOLDS_INFO
Management
HOLDS_STATUS
Management
Hold_T
NDS/Bindery
hostent
Communication

HotFixInfoDef
File
InsertRequestDef
File
INTERRUPT
NLM Programming
in_addr
Communication
IPXADDR
Communication
IPXAddress
Communication
IPXSPXVersion
Communication
IPXStatisticsStruct
Communication
IPX_ADDR
Communication
IPX_ECB
Communication
IPX_HEADER
Communication
IPX_INFO
Management
IPX_OPTS
Communication
KNOWN_NET_INFO
Management
LAN_COMMON_INFO
Management
LAN_CONFIG_INFO
Management
lconv
Internationalization
ldiv_t
NLM Programming
LIST
NLM Programming
LISTPTR
NLM Programming
LocalTablesStruct
Communication
LOGICAL_LOCK
File

LOGICAL_LOCKS
File
LSL_INFO
Management
MagazineInfoDef
File
MappingInfo
File
MediaInfoDef
File
MediaRequestDef
File
MEDIA_INFO_DEF
Management
MessageInfo
NLM Programming
MFCONTROL
NLM Programming
MM_MirrorInfoStruct
File
MM_PartitionInfoStruct
File
ModifyDirEntryCallBackStruct
File
ModifyStructure
File
MODIFY_DOS_INFO
File
NAME_SPACE_TYPE
NDS/Bindery
NCPExtensionClient
Communication
NCPExtensionMessageFrag
Communication
NDSStatsInfo_T
NDS/Bindery
NETADDR
Communication
netbuf
Communication
AppleTalk notes
Communication
netent
Communication
NetworkAddressStruct

Communication
Net_Address_T
NDS/Bindery
NET_ADDRESS_TYPE
NDS/Bindery
NLM_INFO
Management
NodeAddressStruct
Communication
NumberStruct
Communication
NUTInfo
NLM Programming
NWACreateMDIChildParam
Management
NWADOpenStatus
Management
NWAPageStruct
Management
NWASelObject, PNWASelObject
Management
NWAStatusBarItemStruct
Management
NWAStatusBarPrefItemStruct
Management
NWAToolBarItemStruct
Management
NWAToolBarPrefItemStruct
Management
NWAToolBarRegistrationStruct
Management
NWAToolsMenuItem
Management
NWAuditBitMap
Management
NWAuditBitMapTNW
Management
NWAuditFileList
Management
NWAuditRecord
Management
NWAuditStatus
Management
NWCAPTURE_FLAGS1

Print
NWCAPTURE_FLAGS2
Print
NWCCConnInfo
Connection
NWCCTranAddr
Connection
NWCCVersion
Connection
NWConfigHeader
Management
NWDELETED_INFO
File
NWDIR_INFO
File
NWDPAccessError
Print
NWDPAccessorData
Print
NWDPAccessProblem
Print
NWDPAddressItem
Print
NWDPArea
Print
NWDPAreaSeq
Print
NWDPASAttributeListItem
Print
NWDPASAVPStruct
Print
NWDPASMODObjectListItem
Print
NWDPASSelector
Print
NWDPAttribute
Print
NWDPAttributeError
Print
NWDPAttributeProblem
Print
NWDPAttributeProblemItem
Print
NWDPAttributeSet
Print

NWDPAttributeValue
Print
NWDPAttributeValueSet
Print
NWDPAttrSetStruct
Print
NWDPBindingSpec
Print
NWDPBindParameters
Print
NWDPBrokerService
Print
NWDPCardinalOrNameOrOid
Print
NWDPCardinalOrOid
Print
NWDPCardinalRange
Print
NWDPCardinalSeq
Print
NWDPCardinal64Range
Print
NWDPCategorySet
Print
NWDPColorantSet
Print
NWDPColorantSetDescr
Print
NWDPCommonAccessorData
Print
NWDPCommonParameters
Print
NWDPCoverParameters
Print
NWDPCoverSpec
Print
NWDPCredentials
Print
NWDPCreds
Print
NWDPCriteria
Print
NWDPCriterionThreshold
Print

NWDPDeliveryAddress
Print
NWDPDeliveryAddrForMethod
Print
NWDPDeliveryAddrItem
Print
NWDPDieCuttingParameters
Print
NWDPDieCuttingSpec
Print
NWDPDimension
Print
NWDPDimValue
Print
NWDPDistinguishedNameString
Print
NWDPDistinguishedNameStrSeq
Print
NWDPDocAccessError
Print
NWDPDocAccessProblem
Print
NWDPDocumentContent
Print
NWDPDocumentIdentifier
Print
NWDPEdgeOption
Print
NWDPErrorReturn
Print
NWDPEventHandlingProfile
Print
NWDPEventObjectId
Print
NWDPEventObjectItem
Print
NWDPEventObjectSet
Print
NWDPEventReport
Print
NWDPFinishing
Print
NWDPFinishingProcSpec
Print
NWDPFinishingProcSpecSeq

Print
NWDPFinishingSpec
Print
NWDPFoldingParameters
Print
NWDPFoldingSpec
Print
NWDPFontSubstitution
Print
NWDPIgnoredAttribute
Print
NWDPIgnoredAttributeValue
Print
NWDPIgnoredAttrValueSet
Print
NWDPImposition
Print
NWDPImpositionAttr
Print
NWDPInfoItem
Print
NWDPInputTrayMedium
Print
NWDPInsertId
Print
NWDPInsertParameters
Print
NWDPInsertSheet
Print
NWDPInsertSheetSeq
Print
NWDPInsertSpec
Print
NWDPIntegerOption
Print
NWDPIntegerRange
Print
NWDPIntegerSeq
Print
NWDPJobCategories
Print
NWDPJobDocListItem
Print
NWDPJobLevel

Print
NWDPLevelRange
Print
NWDPLocations
Print
NWDPLocationValue
Print
NWDPMediaSelect
Print
NWDPMediaSelectSeq
Print
NWDPMediumContinuousSizes
Print
NWDPMediumDiscreteSizes
Print
NWDPMediumSize
Print
NWDPMediumSourceSize
Print
NWDPMediumSubstitution
Print
NWDPNameOrOid
Print
NWDPNameOrOidDimensionMap
Print
NWDPNameOrOidSet
Print
NWDPNdpsCred0
Print
NWDPNdsName
Print
NWDPNetAddress
Print
NWDPNotifyDeliveryAddr
Print
NWDPNSrvFQN
Print
NWDPNSrvFQNBuffer
Print
NWDPNSrvObjListItem
Print
NWDPNtfyDeliveryMethod
Print
NWDPNtfyEventObjectListItem
Print

NWDPNtfyGetSupportedListItem
Print
NWDPNtfyProfileInfo
Print
NWDPNtfyPromptListItem
Print
NWDPNumbersUpSupported
Print
NWDPObjectIdentification
Print
NWDPObjectIdentificationSeq
Print
NWDPObjectIdentifier
Print
NWDPObjectIdentifierSet
Print
NWDPOctetString
Print
NWDPOid
Print
NWDPOidCardinalMap
Print
NWDPOidValueListItem
Print
NWDPOtherFinishingSpec
Print
NWDPOtherParameters
Print
NWDPOutBinsCharacteristics
Print
NWDPOutputBinChar
Print
NWDPPageIdentifier
Print
NWDPPageIdentifierOption
Print
NWDPPageMediaSelect
Print
NWDPPageSelect
Print
NWDPPageSelectSequence
Print
NWDPPageSize
Print

NWDPPerforatingSpec
Print
NWDPPerfParameters
Print
NWDPPositiveIntegerOrOid
Print
NWDPPrinterError
Print
NWDPPrinterProblem
Print
NWDPPrinterStateReason
Print
NWDPProfileResultSet
Print
NWDPPrtConfigObjectId
Print
NWDPPrtContainedObjectId
Print
NWDPPrtContainedObjectIdSet
Print
NWDPPrtGlobalListItem
Print
NWDPPrtInstalledListItem
Print
NWDPPrtJobListItem
Print
NWDPPsmPAListItem
Print
NWDPPunchingSpec
Print
NWDPPunchParameters
Print
NWDPQualifiedName
Print
NWDPQualifiedNameMap
Print
NWDPQualifiedNameSet
Print
NWDPRDNSequence
Print
NWDPRealOption
Print
NWDPRealRange
Print
NWDPRealSet

Print
NWDPResAddFontFile
Print
NWDPResAddPrnDefFile
Print
NWDPResAddPrnDrvFile
Print
NWDPResDeleteFontFile
Print
NWDPResDeletePrnDefFile
Print
NWDPResDeletePrnDrvFile
Print
NWDPResGetDatePrnDefFile
Print
NWDPResGetDatePrnDrvFile
Print
NWDPResGetFontFile
Print
NWDPResGetPrnDefFile
Print
NWDPResGetPrnDrvFile
Print
NWDPResListCallbackItem
Print
NWDPResListDefFiles
Print
NWDPResListDrvFiles
Print
NWDPResListFontFiles
Print
NWDPResListFontTypes
Print
NWDPResource
Print
NWDPResourceContext
Print
NWDPResourceContextSeq
Print
NWDPResourcePrinterId
Print
NWDPRestrictionInfo
Print
NWDPResultsProfile

Print
NWDPResUnicodeSet
Print
NWDPSecurityError
Print
NWDPSecurityProblem
Print
NWDPSelectionError
Print
NWDPSelectionProblem
Print
NWDPServerListItem
Print
NWDPServiceError
Print
NWDPServiceListItem
Print
NWDPServiceProblem
Print
NWDPSlitParameters
Print
NWDPSlittingSpec
Print
NWDPStitchingSpec
Print
NWDPStitchParameters
Print
NWDPSubStrings
Print
NWDPText
Print
NWDPTrimmingSpec
Print
NWDPTrimParameters
Print
NWDPTypedName
Print
NWDPUpdateError
Print
NWDPUpdateProblem
Print
NWDPXYCardinalDimensions
Print
NWDPXYDimensions
Print

NWDPXYDimensionsValue
Print
NWDPXYRealDimensions
Print
NWDSContainerConfigHdr
Management
NWDS_TimeStamp_T
NDS/Bindery
NWENTRY_INFO
File
NWET_INFO
File
NWFILE_INFO
File
NWFSE_ACTIVE_CONN_LIST
Management
NWFSE_ACTIVE_LAN_BOARD_LIST
Management
NWFSE_ACTIVE_STACKS
Management
NWFSE_CACHE_INFO
Management
NWFSE_CPU_INFO
Management
NWFSE_DIR_CACHE_INFO
Management
NWFSE_FILE_SERVER_INFO
Management
NWFSE_FILE_SYSTEM_INFO
Management
NWFSE_GARBAGE_COLLECTION_INFO
Management
NWFSE_GENERAL_ROUTER_SAP_INFO
Management
NWFSE_IPXSPX_INFO
Management
NWFSE_KNOWN_NETWORKS_INFO
Management
NWFSE_KNOWN_SERVER_INFO
Management
NWFSE_LAN_COMMON_COUNTERS_INFO
Management
NWFSE_LAN_CONFIG_INFO
Management

NWFSE_LAN_CUSTOM_INFO
Management
NWFSE_LOADED_MEDIA_NUM_LIST
Management
NWFSE_LSL_INFO
Management
NWFSE_LSL_LOGICAL_BOARD_STATS
Management
NWFSE_MEDIA_MGR_OBJ_INFO
Management
NWFSE_MEDIA_NAME_LIST
Management
NWFSE_NETWORK_ROUTERS_INFO
Management
NWFSE_NETWORK_ROUTER_INFO
Management
NWFSE_NLMS_RESOURCE_TAG_LIST
Management
NWFSE_NLM_INFO
Management
NWFSE_NLM_LOADED_LIST
Management
NWFSE_OS_VERSION_INFO
Management
NWFSE_PACKET_BURST_INFO
Management
NWFSE_PROTOCOL_CUSTOM_INFO
Management
NWFSE_PROTOCOL_ID_NUMS
Management
NWFSE_PROTOCOL_STK_STATS_INFO
Management
NWFSE_SERVER_INFO
Management
NWFSE_SERVER_SET_CATEGORIES
Management
NWFSE_SERVER_SET_CMDS_INFO
Management
NWFSE_SERVER_SRC_INFO
Management
NWFSE_USER_INFO
Management
NWFSE_VOLUME_INFO_BY_LEVEL
Management
NWFSE_VOLUME_SEGMENT_LIST

Management
NWFSE_VOLUME_SWITCH_INFO
Management
NWINET_ADDR
Connection
NWLAN_CONFIG
Management
NWLGAccessRec
Login
NWLGLoginExtInfo
Login
NWLGMapRec
Login
NWLGScriptInfo
Login
NWLGSrvcConn
Login
NWLGStartInfo
Login
NWLGStartInfoCmdArgs
Login
NWLGStartInfoData
Login
NWLGStringElement
Login
NWLGUIStartInfo
Login
NWLGUserID
Login
NWOBJ_REST
File
NWPipeStruct
Print
NWPrintJobStruct
Print
NWPS_Aio
Print
NWPS_AppleTalk
Print
NWPS_Job_Rec
Print
NWPS_NInfo
Print
NWPS_NStatus

Print
NWPS_Parallel
Print
NWPS_PConfig
Print
NWPS_PSInfo
Print
NWPS_Serial
Print
NWPS_Typed_Name
Print
NWPS_Unix
Print
NWQueueJobStruct
Management
NWReplyJobStruct
Management
nwsockent
Communication
NWTCB
Communication
NWVersion
Login
NWVolExtendedInfo
File
NWVOL_RESTRICTIONS
File
NW_AFP_FILE_INFO
File
NW_AFP_SET_INFO
File
NW_DATE
Management
NW_DYNAMIC_MEM
Management
NW_EA_FF_STRUCT
File
NW_EA_HANDLE
File
NW_ENTRY_INFO
File
NW_EXT_FILE_INFO
File
NW_FILE_INFO2
File

NW_FRAGMENT
Connection
NW_FS_INFO
Management
NW_IDX
File
NW_LIMIT_LIST
File
NW_NS_INFO
File
NW_NS_OPEN
File
NW_NS_OPENCREATE
File
NW_NS_PATH
File
NW_TIME
Management
ObjControl
Management
Object_ACL_T
NDS/Bindery
Object_Info_T
NDS/Bindery
ObjInfo
Management
Octet_String_T
NDS/Bindery
offset of elements in
Management
OpenFileCallBackStruct
File
OPEN_FILE_CONN
File
OPEN_FILE_CONN_CTRL
File
OSVersionStruct
Communication
PACKET_BURST_INFO
Management
PARAMETER_TABLE_TYPE
File
PartitionInfoDef
File

Path_T
NDS/Bindery
PCB
NLM Programming
PHYSICAL_LOCK
File
PHYSICAL_LOCKS
File
PHYS_DSK_STATS
Management
pollfd
Communication
PRINTER_STATUS
Print
PrintJobStruct
Print
PROCERROR
NLM Programming
protoent
Communication
PurgeDeletedCallBackStruct
File
QueueJobListReply
Management
QueueJobStruct
Management
RECPKT_AFPFILEINFO
File
RenameMoveEntryCallBackStruct
File
RenameNSEntryCallBackStruct
File
Replica_Pointer_T
NDS/Bindery
REPLICA_TYPE
NDS/Bindery
ReplyJobStruct
Management
resourceTagBuf
Management
ReturnReceivedPacketStruct
Communication
ROUTERS_INFO
Management
RouteSourceInfoStruct

Communication
RoutingInfoStruct
Communication
SalvageDeletedCallBackStruct
File
SAP
Communication
SAP_RESPONSE_LIST_ENTRY
Communication
SEARCH_DIR_INFO
File
SEARCH_FILE_INFO
File
SEARCH_SEQUENCE
File
SEMAPHORE
File
SEMAPHORES
File
SendPacketsRequestStruct
Communication
SendPacketsResponseStruct
Communication
servent
Communication
ServerAddressTableStruct
Communication
ServerInfoStruct
Communication
SERVERS_SRC_INFO
Management
SERVER_AND_VCONSOLE_INFO
Management
SERVER_LAN_IO_STATS
Management
SetTableStruct
File
ShellStatisticsStruct
Communication
ShellVersionStruct
Communication
SIPX_API_INFO
Communication
SIPX_CONN_INFO

Communication
SIPX_NWTCB_INFO
Communication
SIPX_SERVICE_INFO
Communication
SIPX_SOCKET_INFO
Communication
SIPX_SUBNET_INFO
Communication
SpecificNetworkInfoStruct
Communication
SpecificServerInfoStruct
Communication
SpoolFlagsStruct
Print
SPXStatisticsStruct
Communication
SPX2_OPTIONS
Communication
SPX_ECB
Communication
SPX_HEADER
Communication
SPX_INFO
Management
SPX_OPTMGMT
Communication
SPX_OPTS
Communication
SPX_SESSION
Communication
STACK_INFO
Management
StartCountingPacketsStruct
Communication
stat
File
SUPPORT_MODULE_IDS
File
SUPPORT_MODULE_INFO
File
SYNTAX
NDS/Bindery
Syntax_Info_T
NDS/Bindery

TIMESTAMP
Management
TimeStamp_T
NDS/Bindery
TLV
Management
tm
Management
TRUSTEE_INFO
File
TTS_STATS
Management
TypeDefaultStruct
File
Typed_Name_T
NDS/Bindery
t_bind
Communication
T_cacheBufferStructure
NLM Programming
t_call
Communication
t_discon
Communication
T_DYNARRAY_BLOCK
NLM Programming
T_enumerateEAnoKey
File
T_enumerateEAwithKey
File
t_info
Communication
AppleTalk notes
Communication
T_mwriteBufferStructure
NLM Programming
t_optmgmt
Communication
t_uderr
Communication
t_unitdata
Communication
Unknown_Attr_T
NDS/Bindery

USER_INFO
Management
VarBind
Management
VERSION_INFO
Management
VolumeInformationStructure
File
VOLUME_INFO
File
VOLUME_INFO_BY_LEVEL
Management
VOLUME_INFO_BY_LEVEL_DEF
Management
VOLUME_INFO_BY_LEVEL_DEF2
Management
VOLUME_SEGMENT
Management
VOLUME_STATS
File
VOLUME_SWITCH_INFO
Management
VOL_STATS
File

Suballocation

space used by
File

Symbols

exported
obtaining pointers to
NLM Programming
exporting
NLM Programming
external
eliminating dependencies on
NLM Programming
importing
NLM Programming
importing and exporting
NLM Programming
importing and exporting dynamically
NLM Programming
example

NLM Programming
using prefixes with
NLM Programming

Symmetric Multiprocessing Services

See SMP Services

Synchronization

file locking functions
File
in NLM development
NLM Programming
local semaphores
NLM Programming
locking procedures
File
clearing files
File
locking files
File
logging files
File
releasing files
File
logical record locking functions
File
of NDS partitions
NDS/Bindery
overview
File
physical record locking functions
File
scan functions
File
semaphore functions
File
semaphores
File
threads
NLM Programming

Synchronization clock

control fields
NLM Programming

Synchronization mode, restarting the NLM startup process

NLM Programming

Synchronization Services

NWClearFileLockSet
File
NWClearFileLock2
File
NWClearLogicalRecord
File
NWClearLogicalRecordSet
File
NWClearPhysicalRecord
File
NWClearPhysicalRecordSet
File
NWCloseSemaphore
File
NWExamineSemaphore
File
NWLockFileLockSet
File
NWLockLogicalRecordSet
File
NWLockPhysicalRecordSet
File
NWLogFileLock2
File
NWLogLogicalRecord
File
NWLogPhysicalRecord
File
NWOpenSemaphore
File
NWReleaseFileLockSet
File
NWReleaseFileLock2
File
NWReleaseLogicalRecord
File
NWReleaseLogicalRecordSet
File
NWReleasePhysicalRecord
File
NWReleasePhysicalRecordSet

File
NWScanLogicalLocksByConn
File
NWScanLogicalLocksByName
File
NWScanPhysicalLocksByConnFile
File
NWScanPhysicalLocksByFile
File
NWScanSemaphoresByConn
File
NWScanSemaphoresByName
File
NWSignalSemaphore
File
NWWaitOnSemaphore
File
structures
CONN_LOGICAL_LOCK
File
CONN_LOGICAL_LOCKS
File
CONN_PHYSICAL_LOCK
File
CONN_PHYSICAL_LOCKS
File
CONN_SEMAPHORE
File
LOGICAL_LOCK
File
LOGICAL_LOCKS
File
PHYSICAL_LOCK
File
PHYSICAL_LOCKS
File
SEMAPHORE
File
SEMAPHORES
File

Synchronized clock

NLM Programming
Daylight Savings Time information in
NLM Programming

functions
GetSyncClockFields
NLM Programming
SetSyncClockFields
NLM Programming
interactions with TIMESYNC
NLM Programming
interface to
NLM Programming
operation of
NLM Programming
status flags
NLM Programming
structure of
NLM Programming

Synchronizing
TLI with underlying transport provider
Communication

System Console Screen
NLM Programming
copying
from screen memory
NLM Programming
to screen memory
NLM Programming
writing messages to
NLM Programming

System debuggers
entering
NLM Programming

SYS\STAT.H fields
File

TTT

Tag Data Store (TDS) information (NDS)
NDS/Bindery

Tangent, computing
NLM Programming

Task numbers
Connection
allocating
Connection
allocating blocks of
Connection
as a NetWare OS issue
NLM Programming
changing
Connection
for client-server applications
NLM Programming
for multiple users on one connection
Connection
for thread group
Connection
freeing previously allocated
Connection
setting
Connection

Tasks
current task
Connection
information about, obtaining
Connection

TCP
See also TCP/IP
Communication
connection components
Communication
implementation of

Communication

TCP/IP

See also TCP
See also TCP/IPX
accessing the DNS and NIS databases
Communication
addresses
Communication
buffers
Communication
configuration files
Communication
context
Communication
functions
Communication
in the NetWare environment
Communication
NetWare implementation of
Communication
programming
Communication
TLI function notes
Communication
TLI implementation
Communication

TCP/IPX

addresses
Communication
buffers
Communication
NetWare implementation of
Communication
TLI function notes
Communication
TLI implementation
Communication

Terminal emulation

using AppleTalk
Communication

Termination

of NLM applications

NLM Programming

Testing
tools for
NLM Programming

Text
editing in a portal
NLM Programming
with scroll bars
NLM Programming

Thread context
obtaining
NLM Programming

Thread group
changing
for threads
NLM Programming

Thread groups
NLM Programming
changing CWD
File
connection number, changing or allocating
Connection
context
NLM Programming
creating
NLM Programming
current file server ID, retrieving
Connection
current file server ID, setting
Connection
current ID
NLM Programming
current task number, retrieving
Connection
CWD of
File
destroying
NLM Programming
file permission mask
File

global data
NLM Programming
multiple, using a single connection
Connection
retrieving
current file server for
Connection
screen context
NLM Programming
sharing memory
NLM Programming
task number for, setting
Connection

Thread Services

NLM Programming
abort
NLM Programming
atexit
NLM Programming
AtUnload
NLM Programming
BeginThread
NLM Programming
BeginThreadGroup
NLM Programming
Breakpoint
NLM Programming
ClearNLMDontUnloadFlag
NLM Programming
delay
NLM Programming
EnterCritSec
NLM Programming
exit
NLM Programming
ExitCritSec
NLM Programming
ExitThread
NLM Programming
FindNLMHandle
NLM Programming
getcmd
NLM Programming
getenv

NLM Programming
GetNLMHandle
NLM Programming
GetNLMID
NLM Programming
GetNLMIDFromThreadID
NLM Programming
GetNLMNameFromNLMID
NLM Programming
GetThreadGroupID
NLM Programming
GetThreadHandicap
NLM Programming
GetThreadID
NLM Programming
GetThreadName
NLM Programming
Local Semaphore functions
CloseLocalSemaphore
NLM Programming
ExamineLocalSemaphore
NLM Programming
OpenLocalSemaphore
NLM Programming
SignalLocalSemaphore
NLM Programming
TimedWaitOnLocalSemaphore
NLM Programming
WaitOnLocalSemaphore
NLM Programming
longjmp
NLM Programming
main
NLM Programming
MapNLMIDToHandle
NLM Programming
NWSMPIsLoaded
NLM Programming
NWThreadToMP
NLM Programming
NWThreadToNetWare
NLM Programming
raise
NLM Programming

RegisterForEvent
NLM Programming
RenameThread
NLM Programming
ResumeThread
NLM Programming
ReturnNLMVersionInfoFromFile
NLM Programming
ReturnNLMVersionInformation
NLM Programming
ScheduleWorkToDo
NLM Programming
setjmp
NLM Programming
SetNLMDontUnloadFlag
NLM Programming
SetNLMID
NLM Programming
SetThreadContextSpecifier
NLM Programming
SetThreadGroupID
NLM Programming
SetThreadHandicap
NLM Programming
signal
NLM Programming
spawnlp
NLM Programming
spawnvp
NLM Programming
SuspendThread
NLM Programming
system
NLM Programming
ThreadSwitch
NLM Programming
ThreadSwitchLowPriority
NLM Programming
ThreadSwitchWithDelay
NLM Programming
UnregisterForEvent
NLM Programming
_exit
NLM Programming

Thread switch
data area pointer
NLM Programming

Thread switch, data area pointer
NLM Programming

Threads
and Internet functions
Communication
and TCP/IP
Communication
changing thread group of
NLM Programming
context
NLM Programming
for callbacks
NLM Programming
context switches
NLM Programming
creating
NLM Programming
creating multiple
NLM Programming
defined
NLM Programming
destroying
NLM Programming
functions
NLM Programming
global data
NLM Programming
handicapping
NLM Programming
permanently
NLM Programming
temporarily
NLM Programming
in VAP vs NLM applications
NLM Programming
initiating
NLM Programming
interprocess synchronization
NLM Programming
low-priority

NLM Programming
multithreaded NLM development
NLM Programming
name of
NLM Programming
obtaining NLM IDs for
NLM Programming
OS
NLM Programming
context problems with
NLM Programming
giving context to
NLM Programming
placing on low-priority queue
NLM Programming
preventing scheduling of
NLM Programming
renaming
NLM Programming
rescheduling
NLM Programming
rescheduling with delay
NLM Programming
running
NLM Programming
running suspended
NLM Programming
scheduling
NLM Programming
screen context
NLM Programming
suspending
NLM Programming
switching
NLM Programming
terminating
NLM Programming
terminating upon unloading
NLM Programming
thread ID
NLM Programming
thread switch data area pointer
NLM Programming
types of
NLM Programming

Thresholds

implicit transaction tracking
Management

Ticks

to seconds, converting
Management

Time

See also Date and time
See also UTC time
avoiding debugging problems concerning
NLM Programming
calendar to DOS-style, converting
Management
calendar to local, converting
Management
calendar, getting
Management
calender to UTC, converting
Management
DOS-style to calendar, converting
Management
for a server, obtaining
Management
formatting into an array
Management
global variables, setting
Management
IPX/SPX time interval marker
See Time interval marker
modification of, accounting record format
Management
modification, of files
File
of log in, determining for a connection
Connection
seconds to ticks, converting
Management
setting
Management
since NLM began executing
Management
SPX time marker, obtaining

Communication
structure to calendar, converting
Management
that a server has been up
File
that a server has been up, in ticks
Management
ticks to seconds, converting
Management
time-of-day clock and status register
Management

Time information
converting into string
Management

Time interval marker
obtaining from IPX
DOS
Communication
Windows
Communication

Time interval marker, SPX connection
Communication

Time synchronization
and SFT III
NLM Programming
detecting synchronization periods
NLM Programming
determining if active
NLM Programming
external time signals, using
NLM Programming
high accuracy
NLM Programming
process of
NLM Programming
server types for
NLM Programming
status of
Management

Timeouts

connection
handling critical errors
Connection

Timer interrupts
adjustments to the server clock during
NLM Programming

Timer, transaction release (AppleTalk Services)
Communication

Timestamps
avoiding problems when using
NLM Programming
for print resource files, obtaining
Print
repairing, NDS
NDS/Bindery
under time synchronization
NLM Programming

TIMESYNC NLM
determining if active
NLM Programming
flags used by
NLM Programming
interactions with the synchronized clock
NLM Programming
programming to work with
NLM Programming

Times, computing difference between two
NLM Programming

timezone global variable, setting
Management

Time/Date Manipulation Services
asctime, asctime_r
Management
clock
Management
ctime, ctime_r
Management
GetClockStatus
Management

GetCurrentTicks
Management
gmtime, gmtime_r
Management
localtime, localtime_r
Management
mktime
Management
NWPackDateTime
Management
NWUnpackDateTime
Management
SecondsToTicks
Management
strftime
Management
structures
NW_DATE
Management
NW_TIME
Management
TicksToSeconds
Management
time
Management
tm
Management
tzset
Management
_ConvertDOSTimeToCalendar
Management
_ConvertTimeToDOS
Management

TLI
Communication
abortive connection release
Communication
and IPX/SPX
Communication
AppleTalk structures
listed
Communication
AppleTalk, used with
Communication

asynchronous mode
Communication
advantages
Communication
effect on functions
Communication
events
Communication
programming example
Communication
blocking/nonblocking modes
Communication
connection mode
See TLI connection mode
connectionless mode
See TLI connectionless mode
data classes
Communication
data management
Communication
error handling
Communication
errors
Communication
execution modes
Communication
flags
O_NDELAY
Communication
O_NONBLOCK
Communication
function notes
for TCP/IP
Communication
for TCP/IPX
Communication
function overview
Communication
functions
AppleTalk notes
Communication
functions accessing DDP and ADSP
Communication
high-level overview
Communication

Communication
implementation for TCP/IP
Communication
implementation for TCP/IPX
Communication
implementation notes for IPX/SPX
Communication
implementation notes for OSI
Communication
implementation notes for SPX II
Communication
implementations
Communication
initialization/deinitialization tasks and state transitions
Communication
local management
functions
Communication
issues
Communication
maintaining the state of
Communication
memory allocation
Communication
messages
Communication
NLM requirements for using
Communication
orderly connection release
Communication
programming examples
Communication
protocol-independence, programming for
Communication
read/write interface
Communication
example
Communication
receiving data
Communication
sending data
Communication
sequence of functions
Communication
service types

Communication
state transitions
Communication
states
Communication
state/event combinations
Communication
synchronous mode
Communication
terms
Communication
transferring data
Communication
transport endpoints
See Transport endpoints
transport user actions
Communication

TLI connection mode

Communication
connection establishment
Communication
data transfer
Communication
client example
Communication
server example
Communication
event handling
Communication
functions
Communication
initialization/deinitialization
Communication
local management
Communication
client example
Communication
server example
Communication
overview
Communication
releasing connections
Communication
rules governing

Communication

TLI connectionless mode

Communication
data transfer
Communication
example
Communication
datagram errors
Communication
functions
Communication
initialization/deinitialization
Communication
local management
Communication
example
Communication
overview
Communication

TLI connections

abortive connection release
Communication
establishing
Communication
client example
Communication
orderly release of
Communication
client example
Communication
server example
Communication
releasing
Communication

TLI events

asynchronous
Communication
connection mode event handling
Communication
handling
server example
Communication

incoming
Communication
local management
Communication
outgoing
Communication
state/event combinations
Communication
TLOOK events
Communication

TLI Services

netbuf
Communication
poll
Communication
pollfd
Communication
t_accept
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP and TCP/IPX notes
Communication
t_alloc
Communication
IPX/SPX/SPX II notes
Communication
t_bind
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP notes
Communication
TCP/IPX notes
Communication
t_blocking

Communication
IPX/SPX/SPX II notes
Communication
t_call
Communication
t_close
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP and TCP/IPX notes
Communication
t_connect
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP notes
Communication
TCP/IPX notes
Communication
t_discon
Communication
t_error
Communication
t_free
Communication
t_getinfo
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP notes
Communication
TCP/IPX notes
Communication
t_getinfot

AppleTalk notes
Communication
t_getstate
Communication
t_info
Communication
t_listen
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP notes
Communication
TCP/IPX notes
Communication
t_look
Communication
t_nonblocking
Communication
IPX/SPX/SPX II notes
Communication
t_open
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP and TCP/IPX notes
Communication
t_optmgmt
Communication
AppleTalk notes
Communication
t_rcv
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes

Communication
TCP/IP and TCP/IPX notes
Communication
t_rcvconnect
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP notes
Communication
TCP/IPX notes
Communication
t_rcvdis
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP and TCP/IPX notes
Communication
t_rcvrel
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
TCP/IP and TCP/IPX notes
Communication
t_rcvudata
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP notes
Communication
t_rcvuderr

Communication
IPX/SPX/SPX II notes
Communication
t_snd
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP and TCP/IPX notes
Communication
t_snddis
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP and TCP/IPX notes
Communication
t_sndrel
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
TCP/IP and TCP/IPX notes
Communication
t_sndudata
Communication
AppleTalk notes
Communication
IPX/SPX/SPX II notes
Communication
OSI notes
Communication
TCP/IP notes
Communication
t_sync
Communication
t_uderr
Communication

t_unbind
Communication
AppleTalk notes
Communication
t_unitdata
Communication

Tokens

adding to search filter expression tree (NDS)
NDS/Bindery
converting strings to
Internationalization
NLM Programming
deleting from search filter expression tree (NDS)
NDS/Bindery

Tools

debuggers
NLM Programming
execution profilers
NLM Programming
for NLM development
NLM Programming
internationalization
NLM Programming
make utilities
NLM Programming
memory protection
NLM Programming
message
NLM Programming
NetWare Internal Debugger
NLM Programming
NLM compilers
NLM Programming
NLM compression
NLM Programming
NLM linkers
NLM Programming
NLM testing
NLM Programming
NLMLINK
NLM Programming
NLMPACK
NLM Programming

NLM Programming
UNPACK
NLM Programming
WLINK
NLM Programming
WVIDEO
NLM Programming

TP4
Communication
setting options
Communication

TRACK ON
console command
NLM Programming

Transaction IDs
ATP
Communication

Transaction release timer (AppleTalk Services)
Communication

Transaction tracking
enabling
Management
explicit
Management
implicit
Management
implicit tracking threshold
Management
procedures
Management
status and file control functions
Management
threshold functions
Management
transaction functions
Management
TTS
Management

Transaction Tracking Services
NWDisableTTS

Management
NWEnableTTS
Management
NWGetTTSStats
Management
NWTTSAbortTransaction
Management
NWTTSBeginTransaction
Management
NWTTSEndTransaction
Management
NWTTSGetConnectionThresholds
Management
NWTTSGetControlFlags
Management
NWTTSGetProcessThresholds
Management
NWTTSIsAvailable
Management
NWTTSSetConnectionThresholds
Management
NWTTSSetControlFlags
Management
NWTTSSetProcessThresholds
Management
NWTTSTransactionStatus
Management
structures
TTS_STATS
Management

Transaction Tracking System

See TTS

Transactions

accounting, adding notes to audit records
Management
description of
Management

Translation

See Internationalization

Translation mode, setting

File

Transmission Control Protocol
See TCP

Transport
accepting connections
Communication
closing
Communication
in blocking mode
Communication
protocol options
Communication
receiving data
Communication
requesting connections
Communication

Transport addresses
for connection references, obtaining
Connection
obtaining for a connection
Connection

Transport endpoint
associating with protocol
Communication
current event on
Communication
disabling
Communication
nonblocking mode
Communication
opening
Communication
status of
Communication

Transport endpoints
See also Connection endpoints
binding to addresses
Communication
establishing
Communication
management of
Communication

Transport events
multiple, monitoring NWTCBs for
Communication
registering to receive
Communication
single, monitoring NWTCBs for
Communication

Transport layers
Communication

Transport Level Interface
See TLI

Transport modes
Communication

Transport protocol
obtaining
Communication

Transport protocols
specifying upon opening a connection
Connection

Transport providers
Communication
characteristics of
Communication
protocol options
Communication
states
Communication

Transport users
actions of
Communication

Trees, multiple
context handles
NDS/Bindery
default name context
NDS/Bindery
default name context, setting
NDS/Bindery
duplicating context handles

NDS/Bindery
monitored connections
NDS/Bindery
network version information
NDS/Bindery
scanning connections for
NDS/Bindery
scanning for
NDS/Bindery

Trigonometric functions

acos
NLM Programming
arc cosine, computing
NLM Programming
arc sine, computing
NLM Programming
arc tangent, computing
NLM Programming
asin
NLM Programming
atan
NLM Programming
atan2
NLM Programming
cos
NLM Programming
cosh
NLM Programming
cosine, computing
NLM Programming
hyperbolic cosine, computing
NLM Programming
hyperbolic sine, computing
NLM Programming
hyperbolic tangent, computing
NLM Programming
hypot
NLM Programming
hypotenuse of right triangle, computing
NLM Programming
sin
NLM Programming
sine, computing

NLM Programming
sinh
NLM Programming
tan
NLM Programming
tangent, computing
NLM Programming
tanh
NLM Programming

Trustee rights

paths to which a bindery object has trustee rights, obtaining
NDS/Bindery

Trustees

adding
File
adding to directories
File
adding to files and directories
File
deleting
File
from directories
File
functions operating on
File
management of
File
NDS
NDS/Bindery
of directories, scanning for
File
of directory entries, scanning for
File
rights inheritance
File
rights of
File
scanning for
File

TSDUs

Communication

TTS

in SFT III
NLM Programming
level supported by a server
Management

Tuple
Communication

Tuples (AppleTalk)
Communication
format
Communication

Type-ahead buffer
NLM Programming

tzname global variable, setting
Management

UUU

UDP

Communication

Unicode

NDS/Bindery

buffer and character functions
Internationalization

code pages supported by Novell
Internationalization

conversion to and from
Internationalization

converting to from local code page
File

example: finding a country ID and code page
Internationalization

filenames
Internationalization

introduction
Internationalization

operations
Internationalization

standard functions
Internationalization

string functions
Internationalization

Unicode characters

functions
Internationalization

Unicode Services

NWFreeUnicodeTables
Internationalization

NWGetCollationHandle
Internationalization

NWGetLocalToUnicodeHandle
Internationalization

NWGetMonocaseHandle
Internationalization

NWGetUnicodeToLocalHandle
Internationalization
NWInitUnicodeTables
Internationalization
NWLoadRuleTable
Internationalization
NWLocalToUnicode
Internationalization
NWUnicodeCompare
Internationalization
NWUnicodeToCollation
Internationalization
NWUnicodeToLocal
Internationalization
NWUnicodeToMonocase
Internationalization
NWUnloadRuleTable
Internationalization
NWUSByteToUnicode
Internationalization
NWUSByteToUnicodePath
Internationalization
NWUSGetCodePage
Internationalization
NWUSLenByteToUnicode
Internationalization
NWUSLenByteToUnicodePath
Internationalization
NWUSStandardUnicodeInit
Internationalization
NWUSStandardUnicodeRelease
Internationalization
NWUSUnicodeToByte
Internationalization
NWUSUnicodeToBytePath
Internationalization
NWUSUnicodeToLowerCase
Internationalization
NWUSUnicodeToUntermByte
Internationalization
NWUSUnicodeToUntermBytePath
Internationalization
NWUSUnicodeToUpperCase
Internationalization
NWUXByteToUnicdePath

Internationalization
NWUXByteToUnicode
Internationalization
NWUXGetByteFunctions
Internationalization
NWUXGetNoMapAction
Internationalization
NWUXGetScanAction
Internationalization
NWUXGetSubByte
Internationalization
NWUXGetSubUni
Internationalization
NWUXGetUniFunctions
Internationalization
NWUXLenByteToUnicdePath
Internationalization
NWUXLenByteToUnicode
Internationalization
NWUXLoadByteUnicodeConverter
Internationalization
NWUXLoadCaseConverter
Internationalization
NWUXLoadCollationConverter
Internationalization
NWUXLoadNormalizeConverter
Internationalization
NWUXResetConverter
Internationalization
NWUXSetByteFunctions
Internationalization
NWUXSetNoMapAction
Internationalization
NWUXSetScanAction
Internationalization
NWUXSetSubByte
Internationalization
NWUXSetSubUni
Internationalization
NWUXSetUniFunctions
Internationalization
NWUXUnicodeToByte
Internationalization
NWUXUnicodeToBytePath

Internationalization
NWUXUnicodeToCase
Internationalization
NWUXUnicodeToCollation
Internationalization
NWUXUnicodeToNormalized
Internationalization
NWUXUnicodeToUntermByte
Internationalization
NWUXUnicodeToUntermBytePath
Internationalization
NWUXUnloadConverter
Internationalization
unicat
Internationalization
unichr
Internationalization
unicmp
Internationalization
unicpy
Internationalization
unicspn
Internationalization
uniicmp
Internationalization
unilen
Internationalization
unincat
Internationalization
unincmp
Internationalization
unincpy
Internationalization
uninicmp
Internationalization
uninset
Internationalization
unipbrk
Internationalization
unipcpy
Internationalization
unirchr
Internationalization
unirev
Internationalization

uniset
Internationalization
unisize
Internationalization
unispn
Internationalization
unistr
Internationalization
unitok
Internationalization

Unicode strings
functions
Internationalization

Unicode tables
Internationalization
functions
Internationalization
managing
Internationalization
search precedence
Internationalization

Universal Asynchronous Receiver/Transmitters (UARTs)
Communication

UNIX
file modes
File

UNIX STREAMS
See also NetWare STREAMS

Unlicensed connections
licensing
Connection

Unlicensing
connections
Connection

UNLOAD command
NLM Programming

UNLOAD console command

NLM Programming
preventing an NLM from unloading
NLM Programming

Unlocking
data in a file
File

UNPACK
NLM Programming
syntax
NLM Programming

Unsigned integer fields, appending to forms
NLM Programming

Uppercase
converting characters to
Internationalization
converting strings to
Internationalization

Usage
server
accounting record format
Management

Usage count
of print attribute sets
decrementing
Print
incrementing
Print

Usage statistics
returning for specified connections
Connection

User Datagram Protocol
See UDP

User input, to NWSNUT
NLM Programming

User interfaces
NLM
NLM Programming

User Interface, NLM

portals
clearing
NLM Programming

Users

adding controlled-access printer to installed list of
Print
adding printers to installed list of
Print
audit properties for
Management
audited, checking whether
Management
auditing events for
Management
console operators, identifying as
Management
folders for, listing
Management
information about, obtaining
Management
listing printers for
Print

UTC time

effect of setting the hardware clock on
NLM Programming
for server, retrieving
NDS/Bindery
interactions with local time
NLM Programming
NetWare signals that corrections might be necessary for
NLM Programming
setting
NLM Programming

Utilities

See also Tools

Utility NLM applications

NLM Programming

VVV

Value-Added Processes
See VAPs

VAP
version of, obtaining
Management

VAPs
equivalent NLM functions for
NLM Programming
loading
NLM Programming
presentation functions
NLM Programming

Variable arguments
obtaining first
NLM Programming
obtaining last
NLM Programming
obtaining next
NLM Programming

Variable Length Argument Lists Services
va_arg
NLM Programming
va_end
NLM Programming
va_start
NLM Programming

Variables
processing for Application Launcher
Management

Version
NetWare
obtaining for a server
Management
of a server, obtaining

Management
of NWCalls library
Management
of NWLOCALE library
Internationalization
of Requester
Management

Version information

for an NLM
with a given file name
NLM Programming
with a given NLM handle
NLM Programming

Version numbers, of directory entries

File

Versions

information, obtaining
Management
login
Login
of ADSP
Communication
of AppleTalk Services
Communication
of auditing, obtaining
Management
of NetWare
General Information/Getting Started

Vertical position of input cursor

NLM Programming

vfprintf, parameter reordering for

Internationalization

Video attributes for portals

NLM Programming

Virtual console

version of, obtaining
Management

Virtual display area, of portals

NLM Programming

Virus protection
File

Volume
name of
validating
File

Volume block usage, determining
File

Volume management
compatibility with netWare OS versions
File
device layer
File
Hot Fix layer
File
initializing library
File
introduction to
File
partition layer
File
query flags to optimize
File
volume layer
File
volume segment layer
File
warning codes
File

Volume Management Services
NWVL_ChangeSegmentName
File
NWVL_ChangeVolumeName
File
NWVL_ConvertLogicalPartitionToMirrorObject
File
NWVL_ConvertMirrorObjectToLogicalPartition
File
NWVL_CreateANewVolume
File

File
NWVL_DeleteAVolume
File
NWVL_DeleteSegment
File
NWVL_DismountVolume
File
NWVL_End
File
NWVL_EnlargeVolume
File
NWVL_GetDefaultBlockSizeAndControlFlags
File
NWVL_GetMirrorObjectFirstSegment
File
NWVL_GetMirrorObjectSupportedLimits
File
NWVL_GetNextSegment
File
NWVL_GetSegmentInfo
File
NWVL_GetSupportedLimits
File
NWVL_GetVolumeFirstSegment
File
NWVL_IsVolumeMounted
File
NWVL_LocalToUnicode
File
NWVL_MountVolume
File
NWVL_Nuint32ToQuad
File
NWVL_QuadToNuint32
File
NWVL_SetOrGetVolumeControlInfo
File
NWVL_Start
File
NWVL_UnicodeToLocal
File
NWVL_ValidateVolumeName
File

Volume number

for DOS name space entry
File

Volume numbers

obtaining
File
for a connection and file handle
File

Volume optimization flags

obtaining
File

Volume segments

deleting
File
first, obtaining
File
first, obtaining, for a mirror object ID
File
handles for, obtaining
File
information about, retrieving
File
listing
Management
renaming
File
status codes for
File
types of
File

Volume Services

NWGetDiskUtilization
File
NWGetExtendedVolumeInfo
File
NWGetObjDiskRestrictions
File
NWGetVolumeInfoWithHandle
File
NWGetVolumeInfoWithNumber
File
NWGetVolumeName
File

NWGetVolumeNumber
File
NWGetVolumeStats
File
NWRemoveObjectDiskRestrictions
File
NWScanVolDiskRestrictions2
File
NWSetObjectVolSpaceLimit
File
overview
File
structures
NWOBJ_REST
File
NWVolExtendedInfo
File
NWVOL_RESTRICTIONS
File
VOL_STATS
File

Volume Table

File

Volumes

adding space to
File
AFP support on, checking for
File
age of oldest file on
File
auditing
See Auditing
Management
auditing on
restarting
Management
auditor password for, changing
Management
basics
File
block usage bitmap for
File
blocks and sectors in

blocks and sectors in
File
blocks in
File
caching for, present
File
CDROM volume
determining if volume is
File
counters, obtaining
Management
creating
File
creation error codes
File
data migration information about
File
data migration on
See Data migration
deleting
File
directory entries on, total number of
File
directory slots available on
File
directory slots used on
File
disk space restrictions
obtaining
File
disk space restrictions for objects on
obtaining
File
removing
File
setting
File
disk space used by object on, determining
File
disk space, managing
File
dismounting
File
extended information about, retrieving
File

hashing for, present
File
information about, obtaining
for a given connection
File
for a given volume number
File
information functions
File
information, reading
File
last modification time for
File
logical drive number of
File
logical representation of
File
mapping information
File
maximum number supported by server
Management
mounted, determining whether
File
mounting
File
name of
translating Unicode and NWVL_QUAD
File
name spaces loaded on
File
name spaces loaded on, listing
File
names of
File
obtaining
File
obtaining from volume number
File
number of directories allowed on
File
number of, maximum
File
numbers
See Volume numbers
physical representation of

physical representation of
File
removable, determining whether
File
removing the volume list
File
renaming
File
segments, listing
Management
starting block of
File
statistics for
File
statistics for, obtaining
File
statistics, obtaining
Management
structure of
File
unused blocks in
File
use and restriction functions
File
used by file
File
Volume Table
File

vprintf, parameter reordering for
Internationalization

vsprintf, parameter reordering for
Internationalization

WWW

Wait portals
removing
NLM Programming

WATCOM
IDE
environmental settings for
General Information/Getting Started
using to build NLM applications
General Information/Getting Started
static link libraries, using
General Information/Getting Started
WMAKE, building NLM applications with
General Information/Getting Started

WATCOM compilers
NLM Programming
parameter passing for
NLM Programming
pragmas, using with
NLM Programming

WATCOM IDE
building HELLO.NLM with
General Information/Getting Started

White-space characters, testing for
NLM Programming

Wildcard augmentation
for a directory entry, obtaining
File
for a directory, obtaining
File

Wildcard character translation
enabling and disabling
File

Wildcard characters

in file paths
File
in filenames
File
in NBP entities
Communication
substitution algorithm
implementation
File

Wildcards

NBP lookup
Communication

Windows NT client

libraries
General Information/Getting Started
setting up
General Information/Getting Started

Windows registry

key set for login extensions
deleting
Login
retrieving
Login
keys for login extensions
accessing
Login
synchronizing with installed printers list
Print
writing login extension information to
Login

Windows 3.x client

libraries
General Information/Getting Started
setting up
General Information/Getting Started

Windows 95 client

libraries
General Information/Getting Started
setting up
General Information/Getting Started

WLINK

NLM Programming

directive files
NLM Programming

directives
NLM Programming

linking debug information
NLM Programming

using interactively
NLM Programming

WMAKE

building HELLO.NLM with
General Information/Getting Started

prerequisites for using
General Information/Getting Started

using to build NLM applications
General Information/Getting Started

Work

See also Threads

defined
NLM Programming

scheduling
NLM Programming

Workstation session socket (WSS) (PAP)

creating from file descriptor
Communication

Workstation Session Sockets

See WSSs

Workstations

client type running on, identifying
Management

connection references for, obtaining
Connection

default printer for, obtaining
Print

default printer for, setting
Print

maximum number of connections for, obtaining
Connection

message mode on, setting

Communication
NetWare error handling mode, setting
File
preferred server for, setting
Connection
primary connection for, setting
Connection

WorkToDoList
NLM Programming

Writing
ASP
continue requests
Communication
replies
Communication

WSS
sending attention request to (ASP)
Communication

WSSs
file descriptors
Communication
opening
Communication

WVIDEO
NLM Programming
options
NLM Programming
running
NLM Programming

XXX

X.500
NDS compliance with
NDS/Bindery

ZZZ

ZIP

Communication

and NetWare

Communication

buffers

Communication

explicit registration

Communication

functions

Communication

internationalization issues

Communication

multiple requests

Communication

multi-call inquiries

Communication

translation of zone list from MacASCII code page

Communication

Zone

complete list of zones on local network

Communication

current

Communication

explicit registration

Communication

find valid zones for explicit registration

Communication

finding

Communication

get list of all on internet

Communication

Zone Information Protocol

See ZIP

Zones

NWSNUT

NLM Programming

Zones (AppleTalk)
referencing
Communication

Zones, AppleTalk
packed format
Communication