

# Object Handler - Object List

An object list consists of object specifications which are to be processed by the Object Handler.

The following syntax is valid for the object list:

## TYPE LIST

```
[ object-type-and-location ( object-name-description ... ) ] ...
```

**Note:**

Each item (except for the ones enclosed in parentheses) must start on a new line and end on the same line.

Below is information on:

- Syntax of Object-type-and-location
  - Syntax of Object-name-description
- 

## Syntax of Object-type-and-location

### Natural Objects and DDMs

#### LIBRARY *library-name*

```
[ DBID dbid FNR fnr [NAME vsam-name] [CIPHER cipher] [ { PASSWORD PSW } password ] ]
```

[OBJTYPE *resource-type* ]

**Note:**

For DDMs on mainframe platforms, OBJTYPE must be set to **D**.

No ranges are allowed for *library-name*.

### Natural System Error Messages

#### ERROR NATERROR

```
[ DBID dbid FNR fnr [NAME vsam-name] [CIPHER cipher] [ { PASSWORD PSW } password ] ]
```

### Natural Command Processor Sources

#### PROCESSOR *ncp-library-name*

```
[ DBID dbid FNR fnr [NAME vsam-name] [CIPHER cipher] [ { PASSWORD PSW } password ] ]
```

**Note:**

No ranges are allowed for *ncp-library-name*.

**Natural-related Debug Environment Objects****NATPATH DEBUG**

LIBRARY *library-name*

[ [DBID *dbid* [FNR *fnr*] ] [NAME *vsam-name*] [CIPHER *cipher*] [ { PASSWORD  
PSW } *password* ] ]

**Natural-related Profile Objects****NATPATH PROFILE**

[ [DBID *dbid* [FNR *fnr*] ] [NAME *vsam-name*] [CIPHER *cipher*] [ { PASSWORD  
PSW } *password* ] ]

**Natural-related DL/I Subfile Objects****NATPATH SUBFILE**

[ [DBID *dbid* [FNR *fnr*] ] [NAME *vsam-name*] [CIPHER *cipher*] [ { PASSWORD  
PSW } *password* ] ]

**FDTs**

**FDT**

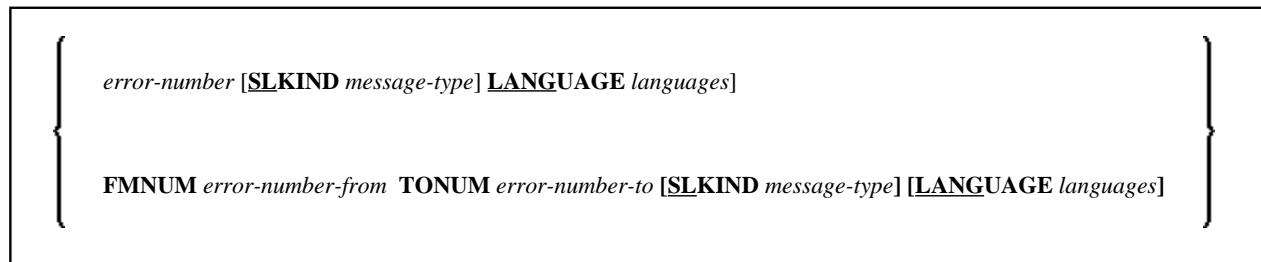
**Syntax of Object-name-description****Natural Objects**

{ object-name [SCKIND *object-kind*] { error-number [SLKIND *message-type*] [LANGUAGE *languages*] FMNUM *error-number-from* TONUM *error-number-to* [SLKIND *message-type*] [LANGUAGE *languages*] } }

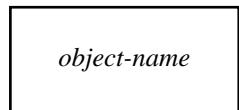
**DDMs**

object-name

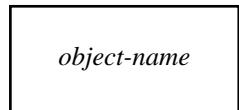
## Natural System Error Messages



## Natural Command Processor Sources



## Natural-related Debug Environment Objects



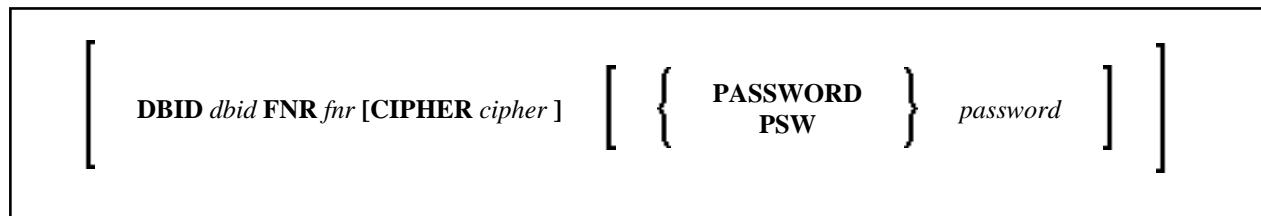
## Natural-related Profile Objects



## Natural-related DL/I Objects



## FDTs



## Example:

```
TYPE LIST
LIBRARY LIB-1 OBJTYPE N      /* process Natural objects from library 'LIB-1'
   ( A* SCKIND S             /* all sources whose names start with 'A'
     B1                      /* source and/or cataloged of object 'B1'
   CDE> SCKIND C )           /* all cataloged whose names are greater/equal 'CDE'
   /*                         /* Comment line
LIBRARY LIB-2                 /* process Natural objects from library 'LIB-2'
   ( *                      /* including error messages and shared resources
     ( *                    /* source and/or cataloged of all objects
       FMNUM 1 TONUM 100    /* including shared resources
                               /* error messages from 1 to 100
   )
```