

Processing DL/I Subfiles

All SYSMAIN functions except the find and rename functions can be performed on DL/I subfiles if Natural for DL/I is installed.

DL/I subfiles include the following:

- NDBs = DL/I DBDs (Database Descriptions) defined to Natural.
- NSBs = DL/I PSBs (Program Specification Blocks) defined to Natural.
- UDFs = DL/I User-Defined Fields defined to Natural.

For more information on NDBs, NSBs, DBDs, PSBs and UDFs, see the *Natural for DL/I* documentation.

This section describes menu functions and selection list options provided to perform a SYSMAIN function on DL/I subfiles and the syntax that applies when using direct commands.

- Fields in the DL/I Subfiles Menu
- Selection Lists for DL/I Subfiles
- Direct Command Syntax for DL/I Subfiles

Fields in the DL/I Subfiles Menu

The **DL/I Subfiles** menu contains all SYSMAIN functions required for the processing of DL/I subfiles. The fields provided in the menu are described in the following table:

Field	Explanation
Code	Specifies the function to be performed as described in <i>Description of Functions</i> :
C	Copy subfile.
D	Delete subfile.
L	List subfile.
M	Move subfile.

Field	Explanation
Sel. List	<p>Specifies whether selective processing or automated processing is used:</p> <p>Y Yes. Selective processing is activated. A selection list is displayed when processing DL/I subfiles. This is the default setting. For the columns, fields and line commands available on a selection list, see <i>Selection Lists for DL/I Subfiles</i>.</p> <p>N No. Selective processing is deactivated.</p>
Name	The name of the DL/I subfile to be processed or a range of names: see also <i>Specifying a Range of Names</i> .
Type	<p>The type of DL/I subfile to be processed. You must specify either of the following types:</p> <p>D Only NDBs and UDFs are processed. This is the default setting.</p> <p>P Only NSBs are processed.</p>
Database	<p>The database ID (DBID) of a source or a target database.</p> <p>The source database contains the FDIC system file where the DL/I subfile to be processed is stored. The target database contains the FDIC system file to which the DL/I subfile is to be copied or moved.</p> <p>Valid database IDs are 1 to 65535.</p>
File	<p>The file number (FNR) of a source or a target FDIC system file.</p> <p>Valid file numbers are 1 to 65535.</p> <p>The source file contains the DL/I subfile to be processed. The target file is the file to which the DL/I subfile is to be copied or moved.</p>
Name (next to File)	<p>Only applies to VSAM files.</p> <p>The DDNAME/FCT entry for the source or target file number.</p>

Field	Explanation
Replace	<p>Specifies whether a DL/I subfile is to be replaced when using the move or copy function:</p> <p>Y Yes. A DL/I subfile with the same name which exists in the target environment is replaced.</p> <p>N No. A DL/I subfile with the same name which exists in the target environment is not replaced. This is the default setting.</p> <p>See also <i>Using the Replace Option</i>.</p>

Selection Lists for DL/I Subfiles

If selective processing has been activated, a selection list of all DL/I subfiles that meet the specified selection criteria is displayed on a **Selection** screen.

This section describes the columns and fields contained on a **Selection** screen and the line commands provided to further process a DL/I subfile:

- Columns and Fields
- Line Commands

Columns and Fields

The following columns and fields are displayed on a **Selection** screen:

Column/Field	Explanation
C	Input field for line commands (see below).
Subfile	The name of the DL/I subfile that meets the specified selection criteria.
Message	The message that indicates the processing status of a DL/I subfile. For possible messages, see <i>Status Messages</i> .
Listed Subfiles	The type of DL/I subfile: NDB (including UDFs) or NSB.

Line Commands

One of the following line commands can be entered in the **C** (Command) column of a **Selection** screen:

Line Command	Function
A	Process NSB subfile or NDB and UDF subfiles. Line command A is not available with the list function.
L	List NSB subfile or NDB and UDF subfiles.

Direct Command Syntax for DL/I Subfiles

This section shows the syntax that applies when performing a SYSMAIN function on a DL/I subfile by using direct commands in either online or batch mode. For general instructions on using direct commands, refer to *Executing Commands*.

For explanations of the keywords and variable values used in the syntax diagrams below, refer to *Keywords and Variables in Direct Commands*. The symbols in the syntax diagrams correspond to the syntax symbols used for system commands. These symbols are explained in *System Command Syntax* in the *System Commands* documentation.

The syntax of the *where-clause* and the *with-clause* are identical for each command.

This section covers the following topics:

- COPY and MOVE
- DELETE and LIST
- where-clause
- with-clause

COPY and MOVE

$\left\{ \begin{array}{l} \underline{\text{COPY}} \\ \underline{\text{MOVE}} \end{array} \right\} \text{DL1 name [with-clause]} \left[\text{FM where-clause} \right] \text{TO where-clause}$

Examples:

```
COPY DL1 SUBFILE1 TYPE D FM DBID 1 FNR 5 TO DBID 2 FNR 5
```

```
C DL1 SUBFILE REP FM FNR 6 TO FNR 7 TYPE D
```

```
COPY DL1 SUBFILE1 TYPE P TO DBID 3 FNR 7
```

```
MOVE DL1 SUBFILE1 TYPE D FM DBID 1 FNR 5 TO DBID 2 FNR 5
```

```
M DL1 SUBFILE1 REP FM FNR 6 TO FNR 7 TYPE D
```

DELETE and LIST

```
{ D E L E T E } DL1 name [ IN where-clause ] [with-clause]
{ L I S T }
```

Examples:

```
DELETE DL1 S* TYPE D
```

```
D DL1 TEST* IN DBID 177 FNR 205 TYPE D
```

```
LIST DL1 SUBFILE* IN DBID 1 FNR 5 TYPE D
```

```
L DL1 SF* TYPE P
```

where-clause

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

with-clause

```
[WITH] [TYPE type] [REPLACE] [RCOP] [ PROMPT ] [ MON ] [HELP]
                  [ NOPROMPT ] [ NOMON ]
```