

Performance Considerations

This section lists some special considerations which may help you increase the performance of your Natural for DL/I environment.

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Parameters

Set the `DLISIZE` parameter to 0 if no DL/I database is to be accessed.

Do not modify `NDLPARM` parameters, unless requested by a corresponding Natural for DL/I error message. Unused buffers are compressed by the Natural compression algorithm.

DBID

Use the same DBID for all segment types (DDMs) of a given NDB, because an `OPEN` command is generated for each DBID.

Global and Local Data Areas

Keep global and local data areas as small as possible, because the format buffer contains *all* fields of the global and local data areas, not only those which are referenced by a Natural I/O statement.

FIND Statements

If the sequence field is unique, use a `FIND (1)` statement instead of a `FIND` statement to prevent an unnecessary second DL/I call.

Direct Access to Lower Levels

Access segments on lower levels directly (by using the field sequence of the parent); that is, access ancestor segments only if their contents are required by the application program.

In such cases, UDFs of ancestor segments as well as DL/I fields of ancestor segments which are not sequence fields are not available to the application program.

DBLOG Utility

Use the Natural utility DBLOG (TEST DBLOG D) to tune your application; see *Logging Database Calls (DBLOG)* in the Natural *Utilities* documentation.