

Functional Overview

ADADCK checks the Data Storage and the Data Storage space table (DSST) of a specific file (or files) in the database.

ADADCK reads each used Data Storage block (according to the Data Storage extents in the file control block) and performs the following checks:

- Block length within permitted range? (4 block length physical block size)
- Sum of length of all records in the Data Storage block plus 4 = block length?
- Is there any record with a record length greater than the maximum compressed record length for the file or with a length 0?
- Are there any duplicate ISNs within one block?
- Does the associated DSST element contain the correct value? If not, a REPAIR of the DSST is necessary (see REPAIR parameter).

Notes:

1. ADADCK does not require the Adabas nucleus to be active.
2. If the nucleus is active, ADADCK synchronizes its operation with the active nucleus unless the NOOPEN parameter is specified.
3. Any pending autorestart condition is ignored.
4. This utility should be used only for diagnostic purposes.

ADADCK returns a condition code 4 or 8 if an error occurs.