Segment sizes are specified for blob fields. This can be done using the Domain Editor or the Table Editor (started from the IBExpert DB Explorer).

📫 Edit field BLOB_FIELD	×
Table TEST_TABLE1	Not NULL
Field BLOB_FIELD	
Domain Default Description	
Domain RDB\$114	Edit Domain
	New Domain
Domain Info	
BLOB SUB_TYPE 1 SEGMENT SIZE 2048 CHARACTER SET NONE	
	OK Cancel
L	
Table : [NEW_TABLE] : EMPLOYEE_FB2 (C:\Programme\Firebird\Firebird_2_1\examples\E	MPLOYEE.FDB)
J Table ▼ 😼 🛃 🚽 🚽 💷 Type: Persistent ▼ TEST_TABLE1	Χ.
External File	
Fields Description Comparison To-do BLOB_FIELD BLOB SUB_TYPE 1 SEGMENT SIZE 2048 CHARACTER SET NONE	
# PK Field Name Field Type Domain Size Scale Subty Array Not Null Charset Collate	
BLOB_FIELD BLOB 2048 TEXT NONE	

A blob segment size can be defined, to increase the performance when inputting and outputting blob data. This should roughly correspond to the data type size. With a memo field, for example, for brief descriptions which could however, in individual cases, be considerably longer, the segment length could be defined as 100 bytes, whereby the blob data type is processed in 100 byte blocks.

When processing videos or large graphics in the database, a large segment length should be selected. The maximum length is 65536 bytes. This is because all blob contents are stored in blocks, and are fetched via these blocks. A typical segment size from the old days is 80 (because 80 characters fit

Field description Field dependencies Test blob onto one monitor line).

When a blob is extracted, the Firebird/InterBase® server reads the number of segments that the client has requested. As the server always selects complete blocks from the database, this value can in effect be ignored on modern powerful computers. 2048 is recommended as a standard since version InterBase® 6.

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