

BLR (Binary Language Representation)

As Firebird/InterBase® internally does not understand [SQL](#), all [statements](#) ([queries](#), updates, [metadata](#) manipulation) are internally represented in a binary notation. When [stored procedure](#) or [trigger](#) code is [compiled](#), it is translated into BLR and the BLR representation is kept in a [Blob subtype field](#). This translation is performed only once, which is why stored procedures are good for efficiency. The command-line tool [isql](#) shows the BLR representation of stored procedures (and triggers, [constraints](#) and [table](#) definitions) after issuing a SET BLOB ALL command and then using a [SELECT statement](#) to get the appropriate BLR fields from the [system tables](#) which are accessed as RDB\$RELATIONS.

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