

# Firebird

DdlUtils supports [Firebird](#), version **1** and above.

Platform identifier:

- `Firebird`

Recognized JDBC driver:

- `org.firebirdsql.jdbc.FBDriver`

Recognized JDBC sub protocol:

- `jdbc:firebirdsql`

The database supports SQL comments	yes
The database supports delimited identifiers	yes
The database's maximum identifier length	31
The database supports default values for <code>LONG</code> types	yes
DdlUtils uses sequences for identity columns	yes
The database supports non-primary key columns as identity columns	yes
The database allows <code>INSERT/UPDATE</code> statements to set values for identity columns	yes
DdlUtils can read back the auto-generated value of an identity column	yes
The database supports non-unique indices	yes
DdlUtils can create a database via JDBC	no
DdlUtils can drop a database via JDBC	no

JDBC Type	Database Type	Additional comments
ARRAY	BLOB	Will be read back as LONGVARBINARY
BIGINT	BIGINT	
BINARY	BLOB	Will be read back as LONGVARBINARY
BIT	SMALLINT	Firebird has no native boolean type Will be read back as SMALLINT
BLOB	BLOB	Will be read back as LONGVARBINARY
BOOLEAN	SMALLINT	Firebird has no native boolean type Will be read back as SMALLINT
CHAR	CHAR	
CLOB	BLOB SUB_TYPE TEXT	Will be read back as LONGVARCHAR
DATALINK	BLOB	Will be read back as LONGVARBINARY
DATE	DATE	
DECIMAL	DECIMAL	
DISTINCT	BLOB	Will be read back as LONGVARBINARY
DOUBLE	DOUBLE PRECISION	
FLOAT	DOUBLE PRECISION	Will be read back as DOUBLE
INTEGER	INTEGER	
JAVA_OBJECT	BLOB	Will be read back as LONGVARBINARY
LONGVARBINARY	BLOB	
LONGVARCHAR	BLOB SUB_TYPE TEXT	
NULL	BLOB	Will be read back as LONGVARBINARY
NUMERIC	NUMERIC	

OTHER	BLOB	Will be read back as LONGVARBINARY
REAL	FLOAT	
REF	BLOB	Will be read back as LONGVARBINARY
SMALLINT	SMALLINT	
STRUCT	BLOB	Will be read back as LONGVARBINARY
TIME	TIME	
TIMESTAMP	TIMESTAMP	
TINYINT	SMALLINT	Will be read back as SMALLINT
VARBINARY	BLOB	Will be read back as LONGVARBINARY
VARCHAR	VARCHAR	