

MaxDB/SapDB

The [SapDB](#) database was open-sourced and rebranded [MaxDB](#) beginning with version 7.4. DdlUtils supports SapDB version **7.2** and MaxDB version **7.5**, and newer. Documentation of the SQL supported by SapDB is found in the [Reference manual](#). Likewise, documentation for MaxDB is contained in the [MaxDB documentation](#).

Platform identifiers:

- MaxDB
- SapDB

Recognized JDBC driver:

- `com.sap.dbtech.jdbc.DriverSapDB`

Recognized JDBC sub protocol:

- `jdbc:sapdb`

The database supports SQL comments	yes
The database supports delimited identifiers	yes
The database's maximum identifier length	32
The database supports default values for LONG types	yes
DdlUtils uses sequences for identity columns	no
The database supports non-primary key columns as identity columns	yes
The database allows INSERT/UPDATE 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	LONG BYTE	Will be read back as LONGVARBINARY
BIGINT	FIXED(38,0)	
BINARY	CHAR(n) BYTE	
BIT	BOOLEAN	
BLOB	LONG BYTE	Will be read back as LONGVARBINARY
BOOLEAN	BOOLEAN	Will be read back as BIT
CHAR	CHAR	
CLOB	LONG	Will be read back as LONGVARCHAR
DATALINK	LONG BYTE	Will be read back as LONGVARBINARY
DATE	DATE	
DECIMAL	FIXED	
DISTINCT	LONG BYTE	Will be read back as LONGVARBINARY
DOUBLE	FLOAT(38)	Will be read back as FLOAT
FLOAT	FLOAT(38)	
INTEGER	INTEGER	
JAVA_OBJECT	LONG BYTE	Will be read back as LONGVARBINARY
LONGVARBINARY	LONG BYTE	
LONGVARCHAR	LONG	
NULL	LONG BYTE	Will be read back as LONGVARBINARY
NUMERIC	FIXED	Will be read back as DECIMAL
OTHER	LONG BYTE	Will be read back as LONGVARBINARY

REAL	FLOAT(16)	Will be read back as FLOAT
REF	LONG BYTE	Will be read back as LONGVARBINARY
SMALLINT	SMALLINT	
STRUCT	LONG BYTE	Will be read back as LONGVARBINARY
TIME	TIME	
TIMESTAMP	TIMESTAMP	
TINYINT	SMALLINT	Will be read back as SMALLINT
VARBINARY	VARCHAR(n) BYTE	
VARCHAR	VARCHAR	