SQL Server

The SQL Server is supported form version **6.5** onwards. Information about the versions prior to SQL Server 2000 however is difficult to find online, you'll have to resort to the documentation accompanying the database. Information for version 2000 can be found here.

If possible, you should use the newest driver available. The older JDBC drivers (for SQL Server 2000 and older) provided my Microsoft, are known to be buggy and slow. The new SQL Server 2005 driver is preferred and can also work with SQL Server 2000.

Platform identifier:

- `MsSql`

Recognized JDBC drivers:

- `com.microsoft.jdbc.sqlserver.SQLServerDriver`
- `com.microsoft.sqlserver.jdbc.SQLServerDriver`

Recognized JDBC sub protocols:

- `jdbc:microsoft:sqlserver`
- `jdbc:sqlserver`
- `jdbc:sqljdbc`

The database supports SQL comments	yes
The database supports delimited identifiers	yes
The database's maximum identifier length	128
The database supports default values for `LONG` types	yes
DdlUtils uses sequences for identity columns	yes
The database supports non-primary key columns as identity columns	yes
The database allows INSERT/UPDATE	yes

statements to set values for identity columns	
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	IMAGE	Will be read back as LONGVARBINARY
BIGINT	DECIMAL(19,0)	A native BIGINT type is supported only since SQL Server 2000
BINARY	BINARY	
BIT	BIT	
BLOB	IMAGE	Will be read back as LONGVARBINARY
BOOLEAN	BIT	Will be read back as BIT
CHAR	CHAR	
CLOB	TEXT	Will be read back as LONGVARCHAR
DATALINK	IMAGE	Will be read back as LONGVARBINARY
DATE	DATETIME	Will be read back as TIMESTAMP
DECIMAL	DECIMAL	
DISTINCT	IMAGE	Will be read back as LONGVARBINARY
DOUBLE	FLOAT	Will be read back as FLOAT
FLOAT	FLOAT	
INTEGER	INT	
JAVA_OBJECT	IMAGE	Will be read back as LONGVARBINARY

LONGVARBINARY	IMAGE	
LONGVARCHAR	TEXT	
NULL	IMAGE	Will be read back as LONGVARBINARY
NUMERIC	NUMERIC	
OTHER	IMAGE	Will be read back as LONGVARBINARY
REAL	REAL	
REF	IMAGE	Will be read back as LONGVARBINARY
SMALLINT	SMALLINT	
STRUCT	IMAGE	Will be read back as LONGVARBINARY
TIME	DATETIME	Will be read back as TIMESTAMP
TIMESTAMP	DATETIME	The native `TIMESTAMP` type of SQL Server serves a different purpose: it provides a counter that automatically increments upon each insertion or update of the table.
TINYINT	SMALLINT	The native `TINYINT` type only supports values between 0 and 255. Will be read back as SMALLINT
VARBINARY	VARBINARY	
VARCHAR	VARCHAR	