Sybase

DdlUtils supports the Sybase products SQL Server from version **10.0** on, and Adaptive Server Enterprise from version **11.5** on. The Sybase documentation can be found in the Archive in the *Transact-SQL User's Guide* document for the respective version. The manual for the newest version is found here.

Platform identifier:

- `Sybase`

Recognized JDBC drivers:

- `com.sybase.jdbc2.jdbc.SybDriver`
- `com.sybase.jdbc.SybDriver`

Recognized JDBC sub protocol:

- `jdbc:sybase:Tds`

The database supports SQL comments	yes
The database supports delimited identifiers	yes
The database's maximum identifier length	28
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

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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)	
BINARY	BINARY	
BIT	SMALLINT	The native BIT type is rather limited (cannot be NULL, cannot be indexed), hence DdlUtils uses SMALLINT instead. Will be read back as SMALLINT
BLOB	IMAGE	Will be read back as LONGVARBINARY
BOOLEAN	SMALLINT	The native BIT type is rather limited (cannot be NULL, cannot be indexed), hence DdlUtils uses SMALLINT instead. Will be read back as SMALLINT
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 TIMSTAMP
DECIMAL	DECIMAL	
DISTINCT	IMAGE	Will be read back as LONGVARBINARY
DOUBLE	DOUBLE PRECISION	
FLOAT	DOUBLE PRECISION	Will be read back as DOUBLE
INTEGER	INT	

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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	Will be read back as TIMESTAMP
TINYINT	SMALLINT	The native `TINYINT` type only supports values between 0 and 255. Will be read back as SMALLINT
VARBINARY	VARBINARY	
VARCHAR	VARCHAR	

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