HsqlDB

DdlUtils supports the [HSQLDB](#) database, version **1.7.2** or newer. SQL Documentation for HSQLDB can be found in the distribution, and for the newest version [here](#).

Platform identifier:

- `HsqlDb`

Recognized JDBC driver:

- `org.hsqldb.jdbcDriver`

Recognized JDBC sub protocol:

- `jdbc:hsqldb`

The database supports SQL comments	yes
The database supports delimited identifiers	yes
The database's maximum identifier length	unlimited
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	no
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	LONGVARBINARY	Will be read back as LONGVARBINARY
BIGINT	BIGINT	
BINARY	BINARY	
BIT	BOOLEAN	Will be read back as BOOLEAN
BLOB	LONGVARBINARY	Will be read back as LONGVARBINARY
BOOLEAN	BOOLEAN	BOOLEAN is supported natively by Hsqldb only since version 1.7.2
CHAR	CHAR	The size is optional because per default Hsqldb does not enforce it
CLOB	LONGVARCHAR	Will be read back as LONGVARCHAR
DATALINK	LONGVARBINARY	Will be read back as LONGVARBINARY
DATE	DATE	
DECIMAL	DECIMAL	Precision and scale are ignored by Hsqldb, as it uses unlimited precision and scale
DISTINCT	LONGVARBINARY	Will be read back as LONGVARBINARY
DOUBLE	DOUBLE	
FLOAT	DOUBLE	Will be read back as DOUBLE
INTEGER	INTEGER	
JAVA_OBJECT	OBJECT	
LONGVARBINARY	LONGVARBINARY	
LONGVARCHAR	LONGVARCHAR	

NULL	LONGVARBINARY	Will be read back as LONGVARBINARY
NUMERIC	NUMERIC	Precision and scale are ignored by Hsqldb, as it uses unlimited precision and scale
OTHER	OTHER	
REAL	REAL	
REF	LONGVARBINARY	Will be read back as LONGVARBINARY
SMALLINT	SMALLINT	
STRUCT	LONGVARBINARY	Will be read back as LONGVARBINARY
TIME	TIME	
TIMESTAMP	TIMESTAMP	
TINYINT	SMALLINT	JDBC's TINYINT requires a value range of -255 to 255, but HsqlDb's is only -128 to 127 Will be read back as SMALLINT
VARBINARY	VARBINARY	
VARCHAR	VARCHAR	The size is optional because per default Hsqldb does not enforce it