

Axion

Database support for Axion is legacy in DdlUtils because Axion does not appear to be actively developed anymore. Also, support for fundamental JDBC functionality necessary for DdlUtils (such as database metadata) is lacking to a certain degree in Axion.

Info about the datatypes supported by [Axion](#) can be found [here](#).

Platform identifier:

- `Axion`

Recognized JDBC driver:

- `org.axiondb.jdbc.AxionDriver`

Recognized JDBC sub protocol:

- `jdbc:axiondb`

The database supports SQL comments	no
The database supports delimited identifiers	no
The database's maximum identifier length	unlimited
The database supports default values for <code>LONG</code> types	yes
DdlUtils uses sequences for identity columns	no
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	no
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 BLOB
BIGINT	BIGINT	This requires Axion CVS head
BINARY	BINARY	
BIT	BOOLEAN	
BLOB	BLOB	
BOOLEAN	BOOLEAN	
CHAR	CHAR	
CLOB	CLOB	
DATALINK	VARBINARY	Will be read back as VARBINARY
DATE	DATE	Axion handles DATE, TIME the same as TIMESTAMP
DECIMAL	DECIMAL	scale is currently fixed to 2 in Axion (though a different one can be specified)
DISTINCT	VARBINARY	Will be read back as VARBINARY
DOUBLE	DOUBLE	
FLOAT	FLOAT	
INTEGER	INTEGER	
JAVA_OBJECT	JAVA_OBJECT	
LONGVARBINARY	LONGVARBINARY	
LONGVARCHAR	LONGVARCHAR	
NULL	VARBINARY	Will be read back as VARBINARYd
NUMERIC	NUMERIC	scale is currently fixed to 2 (though a different one can be specified)
OTHER	BLOB	Will be read back as BLOB

REAL	REAL	Will be read back as FLOAT
REF	VARBINARY	Will be read back as VARBINARY
SMALLINT	SMALLINT	
STRUCT	VARBINARY	Will be read back as VARBINARY
TIME	TIME	Axion handles DATE, TIME the same as TIMESTAMP
TIMESTAMP	TIMESTAMP	
TINYINT	SMALLINT	Will be read back as SMALLINT
VARBINARY	VARBINARY	
VARCHAR	VARCHAR	