

FIXES.TXT  
Progress(R) DataDirect(R)  
DataDirect Connect(R) Series for JDBC(TM)  
Release 5.1.4  
December 2024

#### Modifications Since 5.1.1

The following are issues that have been resolved since Release 5.1.0 GA (Build 0000) in November 2012.

Issue	Driver	Build	Framework	Util	Cloud Adapter
XDBC-62028	OpenEdge	187	F000605	U000352	
When attempting to authenticate using a password longer than 35 characters, the driver returned an error.					
XDBC-63542	Oracle Service Cloud	298	F000608	U000353	C0367
When attempting to run a query for a column that is named using a reserved word, the driver returned an error.					
XDBC-61215	Sybase	150	F000605	U000352	
For TLS/SSL encryption, even when the ValidateServerCertificate option was set to false, the driver attempted to validate the certificates instead of ignoring them.					
XDBC-61280	MySQL	324	F000608	U000353	
For TLS/SSL encryption, even when the ValidateServerCertificate option was set to false, the driver attempted to validate the certificates instead of ignoring them.					
XDBC-54192	OpenEdge	182	F000597	U000343	
When attempting to establish an SSL connection, the driver failed to close files, which caused resource leaks.					
XDBC-54195	Sybase	147	F000597	U000343	
When attempting to establish an SSL connection, the driver failed to close files after opening them, which caused resource leaks.					
XDBC-54190	MySQL	315	F000599	U000343	
When connected using TLS/SSL encryption, the driver failed to close files, which resulted in a resource leak.					
XDBC-53540	MySQL	315	F000599	U000343	
The driver returned the incorrect precision for certain data types when calling the getColumn() method.					
XDBC-54199	DB2	455	F000599	U000343	
When connected using TLS/SSL encryption, the driver failed to close files, which resulted in a resource leak.					
XDBC-49724	Installer	492			
When attempting to install the driver using Java SE 21, the installer program returned the following error: "An unexpected error occurred while trying to open file PROGRESS_DATADIRECT_JDBC_INSTALL.jar".					
XDBC-51403	DB2	441	F000595	U000339	

The driver returned an empty result set when calling DatabaseMetaData.getColumns() against a table with an underscore in the table name.

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XDBC-48053 | DB2 | 434 | F000585 | U000328 |  
On Db2 v11 databases, the driver returned the incorrect ODBC data type for columns mapped from the native VARCHAR FOR BIT DATA type.

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XDBC-45825 | Impala | 130 | F000548 | U000319 |  
The driver hung when the "types" parameter passed on a getTables() metadata call against a Kerberos enabled Cloudera CDP instance.

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XDBC-43495 | DB2 | 0416 | F000571 | U000315 |  
The driver returned incorrect values in the ASC\_OR\_DESC column for a clustered index.

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XDBC-37793, XDBC-28975 | Installer |  
When a reserved keyword was entered for a parameter, the installer program ended the branding process without returning an error message.

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XDBC-34176 | Impala | 118 | F000548 | U000290 |  
The driver returned the following error when calling getMetaData() against data containing duplicate column names: "AnalysisException: duplicated inline view column alias."

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XDBC-30518 | RedShift | 260 | F000527 | U000274 |  
The driver failed to return column metadata for views created with the clause WITH NO SCHEMA BINDING

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XDBC-29263 | RedShift | 260 | F000527 | U000274 |  
The driver has been enhanced to support connecting to a proxy server through an HTTP connection

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XDBC-29157 | Oracle Service Cloud | 226 | F000501 | U000251 | C0315  
The driver has been enhanced to support HTTP client libraries v4.5.13.

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XDBC-28302 | Oracle Service Cloud | 221 | F000496 | U000248 | C0314  
When attempting to run a query against a table that has a large amount of data and sub-objects that don't have auto increment IDs, the driver failed to use its alternate paging mechanism and returned the following error: "Alternate paging failed because the table has more than one primary key in statement."

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XDBC-21226 | Oracle Service Cloud | 216 | F000460 | U000218 | C0309  
When attempting to execute a Select query that contains an IN operator with negative values, the driver returned the following error: "WHERE clause contains mismatched data types in comparison."

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XDBC-21904 | Oracle Service Cloud | 216 | F000460 | U000218 | C0309  
When attempting to execute a Select query that contains an IN operator with negative values, the driver returned the following error: "WHERE clause contains mismatched data types in comparison."

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XDBC-20166 | Oracle Service Cloud | 216 | F000460 | U000218 | C0309  
When attempting to connect to Oracle Service Cloud 19D, the driver returned the following error: "[DataDirect][OracleServiceCloud JDBC Driver]  
[OracleServiceCloud]General error: com.ddtek.rightnow.externals.javax.xml.stream.XMLStreamException: Unable to parse as integer."

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XDBC-19469 | Impala | 102 | F000455 | U000217 |  
The driver has been enhanced to support UPDATE and DELETE operations for Impala tables configured to store data in the Apache Kudu file system.

XDBC-18971 | RedShift | 180 | F000442 | U000213 |  
The branded driver failed to execute bulk load operations.

XDBC-15961 | Impala | 100 | F000443 | U000214 |  
The driver returned incorrect COLUMN\_SIZE when querying CHAR and VARCHAR type columns.

XDBC-16114 | RedShift | 180 | F000442 | U000213 |  
When calling DatabaseMetadata.getImportedKeys(), the driver failed to return foreign keys if a non-null catalog name was passed as a parameter.

XDBC-12170 | Oracle Service Cloud | 196 | F000432 | U000208 | C0293  
When attempting to connect to the database, the driver returned the following error:  
"Primary or unique constraint required on main table: ANSWERVERSION."

84350 | Oracle Service Cloud | 151 | F000355 | U000174 | C0266  
When executing an HTTP request (GetMetaDataLastChangeTime) against the web service, the connection failed with the error "Unexpected ContentType."

73166 | Oracle Service Cloud | 146 | F000323 | U000141 | C0247  
A Veracode scan flagged a security issue with the driver.

55008 | Impala | 083 | F000302 | U000131 |  
When calling metaData.getSchemas on Impala 2.5 or 2.6, the driver did not return a result set.

Patch	Issue	Driver	Driver	Framework	Util	Cloud Adapter
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0001	PSC00093431	DB2	028	F000023	U000002	
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Sometimes when a multi-threaded application stopped a thread while another thread was busy processing a statement level operation, a NullPointerException was thrown.

0002	PSC00095924	SQL Server	017	F000023	U000002	
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Connection properties that had non-String values (LoginTimeout and QueryTimeout, for example) were ignored if specified using the info parameter of the getConnection() method.

0003	PSC00096269	Oracle	020	F000023	U000002	
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When stmt.execute() was called, a null exception occurred.

0004	PSC00095578	DB2	030	F000023	U000002	
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When executeBatch() was called, the following exception was thrown:  
"TRANSLATION FROM CCSID 1252 TO 1386 NOT DEFINED".

0004	PSC00096304	DB2	030	F000023	U000002	
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When the application inserted data using addBatch() or executeBatch(), the following exceptions occurred:"Abnormal end unit of work condition occurred" and "Unhandled CodePoint: 0x0".

0005	PSC00096682	Oracle	022	F000025	U000002	
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The driver incorrectly returned the value of 0 for the CHAR\_OCTET\_LENGTH

field when calling the getColumn() method on columns of the NVARCHAR2 data type.

0005 | PSC00096140 | Oracle | 022 | F000025 | U000002 |  
When a new password that contained non-ASCII characters was set using the newPassword connection property, the driver truncated the password

0006 | PSC00096498 | DB2 | 033 | F000025 | U000002 |  
When inserting a date that had a year value less than 1000 (For example, 0001-01-01) using a prepared statement, the driver generated a SQLException

0007 | PSC00096721 | SQL server | 021 | F000025 | U000002 |  
When an application called a stored procedure with Timestamps, a TDS protocol exception was thrown.

0008 | PSC00096877 | Oracle | 023 | F000025 | U000002 |  
If the fetch size of the current prepared statement was larger than the previous prepared statement, the driver threw a NullPointerException while iterating through the current statement's result set.

0008 | PSC00097652 | Oracle | 023 | F000025 | U000002 |  
When a query was executed, a NullPointerException occurred.

0009 | PSC00097564 | MySQL | 016 | F000025 | U000002 |  
When the application called a stored procedure that had an output parameter of the DECIMAL type, a SQLException occurred.

0010 | PSC00097745 | SQL Server | 023 | F000025 | U000002 |  
When a date was fetched from a column that has the SMALLDATETIME NOT NULL data type, an ArrayIndexOutOfBoundsException occurred.

0010 | PSC00097297 | Sybase | 015 | F000025 | U000002 |  
Values returned from nullable binary columns were padded with zeroes.

0011 | PSC00097688 | DB2 | 036 | F000025 | U000002 |  
When the number of parameters in a prepared statement were multiples of 84 starting from 168, a SQLException was thrown.

0011 | PSC00097789 | DB2 | 036 | F000025 | U000002 |  
When binding a timestamp with a year starting with 0, a SQLException occurred.

0012 | PSC00094326 | Oracle | 026 | F000026 | U000003 |  
The driver was changed to no longer perform a port redirect for SSL connections.

0013 | PSC00097910 | MySQL | 018 | F000026 | U000003 |  
The driver returned different results from executing stmt.executeQuery(SQL) compared to executing a prepared statement of the same Select statement.

0014 | PSC00098563 | DB2 | 038 | F000026 | U000003 |  
An exception occurred when selecting from a Timestamp data type and the hour value was 24.

0015 | PSC00098556 | MySQL | 019 | F000026 | U000003 |  
The driver returned an incorrect result when processing multiple

results of a stored procedure.

0016 | PSC00099105 | DB2 | 039 | F000026 | U000003 |  
When a numeric value of 0 was retrieved from the table using  
getString(), a StringIndexOutOfBoundsException was thrown.

0017 | PSC00099774 | Oracle | 037 | F000039 | U000015 |  
The driver failed to handle the XML data within an NCLOB.

0017 | PSC00099354 | Oracle | 037 | F000039 | U000015 |  
TWhen a stored procedure was executed on the Oracle database with  
the national character set of "AL16UTF16", the driver returned an  
incorrect value for the NCLOB.

0017 | PSC00099327 | Oracle | 037 | F000039 | U000015 |  
A WE8DEC transliterator was added to handle the WE8DEC character set.

0018 | PSC00100552 | Oracle | 044 | F000052 | U000028 |  
When the driver populated the connection pool and established/closed  
the connection, a performance degradation was noticed.

0018 | PSC00099518 | Oracle | 044 | F000052 | U000028 |  
When the application called an overloaded stored procedure with arguments,  
the driver threw a SQLException.

0019 | PSC00100710 | DB2 | 048 | F000041 | U000017 |  
When long text that contained surrogate characters was inserted,  
the driver truncated the data. The truncation occurred only  
against the DB2 LUW server that had a 1208 codepage.

0020 | PSC00099912 | Oracle | 046 | F000053 | U000028 |  
When failover occurred and the driver established a new connection,  
the driver threw a NumberFormatException while retrieving records.

0021 | PSC00101200 | Oracle | 048 | F000056 | U000031 |  
When a function was created and executed on the Oracle database,  
the driver threw an invalid character error.

0022 | PSC00100875 | Oracle | 056 | F000060 | U000031 |  
When the FailoverMode connection property was set to "SELECT",  
the response time of the driver increased over time.

0023 | PSC00100992 | Oracle | 059 | F000074 | U000035 |  
When using an overloaded stored procedure with REF CURSOR or  
If the no of REF CURSORS is different in the overloaded stored  
procedures, an error occurs regarding the arguments being passed.

0023 | PSC00102676 | Oracle | 060 | F000074 | U000035 |  
Hangs occur upon getConnection(), executeQuery(), next() when  
using the Oracle JDBC driver despite having set  
enableCancelTimeout=true;queryTimeout=xx;networkTimeout=xx options.

0025 | PSC00103639 | Oracle | 065 | F000078 | U000036 |  
If CatalogOptions connection property was set to 6 in the  
connection string and the getColumn function was called for a  
table with two escape characters (//), instead of four escape  
characters (////), without being followed by an underscore or a  
percentage symbol (//\_ OR //%), the driver failed.

0026 | PSC00103402 | DB2 | 065 | F000077 | U000036 |  
When the application executed a prepared statement using a parameter with a hexadecimal string value for VARCHAR BIT DATA as BINARY, the driver threw an exception.

0027 | PSC00110223 | Oracle | 067 | F000080 | U000036 |  
When an Oracle package was called with the package.procedure syntax, a NullPointerException occurred.

0028 | PSC00110687 | Oracle | 070 | F000080 | U000036 |  
If the application did not exhaust the result set prior to its closure, the driver performance degraded.

0030 | PSC00111116 | Greenplum | 040 | F000082 | U000036 |  
When a SELECT statement was issued against a time column as "time(3)", the driver threw exception "ArrayIndexOutOfBoundsException: 12".

0030 | PSC00111042 | Greenplum | 040 | F000082 | U000036 |  
When the DatabaseMetaData.getExtraNameCharacters() method was called, the driver returned an "unknown type" exception.

0030 | PSC00111290 | Greenplum | 040 | F000082 | U000036 |  
When a SELECT MAX query was issued for the timestamp column using the getTimestamp() method, the fractional seconds returned did not match the data inserted into the table.

0030 | PSC00111039 | Greenplum | 040 | F000082 | U000036 |  
The column count returned by getUDTs() and the column type returned by getColumns() did not match with the JDBC result set column.

0031 | PSC00031230 | Oracle | 080 | F000084 | U000036 |  
When attempting to retrieve ParameterMetaData with a DELETE statement in the SQL statement function, the driver threw the exception "The requested parameter metadata is not available for the current statement."

0031 | PSC00111215 | Oracle | 080 | F000084 | U000036 |  
When a package was called with a comment at the end (such as /\* xx \*/), the driver returned the error "ORA-00600: internal error code, arguments: [12259], [], [], [], [], [], [], []".

0031 | PSC00098150 | Oracle | 080 | F000084 | U000036 |  
When attempting a connection with Windows NTLM authentication, the driver stopped responding.

0032 | PSC00113388 | DB2 | 081 | F000099 | U000045 |  
After upgrading the DB2 driver from version 4.2 to version 5.1, a degradation of the driver's performance was observed.

0032 | PSC00262889 | DB2 | 081 | F000099 | U000045 |  
During failover testing, the creation of a socket took longer than expected.

0033 | PSC00113029 | PostgreSQL | 045 | F000102 | u000046 |

When handling certain wire contention scenarios, an internal buffering issue occurred which produced unexpected driver behavior , including hangs.

0034 |PSC00103123 | Oracle | 094 |F000102 |u000046 |  
The driver did not support the following four encryption algorithms added in the Oracle 11.1 release: DES3-CBC-SHA1, AES128-CTS, AES256-CTS, and RC4-HMAC.

0034 |PSC00110573 | Oracle | 094 |F000102 |u000046 |  
When using the getNetworkTimeout and setNetworkTimeout methods, the driver threw a SQLException instead of a SQLFeatureNotSupportedException.

0034 |PSC001111866 | Oracle | 094 |F000102 |u000046 |  
When attempting to connect to an Oracle database with the DataIntegrityLevel connection property set either to "rejected" or "accepted", the driver threw the exception "The connect attempt failed because the server requires Oracle Advanced Security. To enable the driver to use OAS, please use the "dataIntegrityLevel" and/or "encryptionLevel" connect options."

0034 |PSC00113103 | Oracle | 094 |F000102 |u000046 |  
When using a setString method to insert more than 4000 characters into an NCLOB column with UTF-16BE encoding, the driver exhibited unexpected behavior.

0035 |PSC00175203 | MySQL | 070 |F000100 |u000046 |  
When the application executed prepared statements, the count of statements executed kept on increasing till the maximum limit was reached, which is 16382, in spite PreparedStatement.close() was called.

0035 |PSC00175454 | MySQL | 070 |F000100 |u000046 |  
In a prepared statement, when the application bonded an empty byte array and executeUpdate(), a SQLSyntaxErrorException occurred.

0036 |PSC00262860 | DB2 | 086 |F000103 |u000046 |  
When using the getPrimaryKeys method, the driver returned a result set that was not ordered by the COLUMN\_NAME column.

0036 |PSC00114969 | DB2 | 087 |F000103 |u000046 |  
When running the executeQuery method to fetch a binary stream, the driver threw the "SQLDIAGGRP was specified and not null" exception.

0036 |PSC00112259 | SQLServer | 062 |F000105 |u000046 |  
When bulk loading data to a table that has a column with the SYSNAME data type, the driver threw the exception "Column, parameter, or variable #5: Cannot specify a column width on data type sysname."

0036 |PSC00113614 | SQLServer | 062 |F000105 |u000046 |  
When inserting data into a VARCHAR or NVARCHAR column with bulk load enabled, the driver threw the exception "The attempt to perform a native bulk load failed."

0039 |PSC00113336 | SQLServer | 064 |F00112 |u000049 |

The driver hung at Connection.isClosed() after executing sp\_trace procedure.

0040 |PSC00280193 | Oracle | 099 |F00112 |u000049 |  
On the AIX platform with IBM JDK, the driver was unable to connect to the SSL enabled Oracle database.

0041 |PSC00279567 | PostgreSQL | 051 |F00114 |u000049 |  
When a query returned a small amount of data from an XML or TEXT column, the driver performed below expectations.

0042 |PSC00280699 | MySQL | 078 |F00113 |u000049 |  
When fetching a negative MySQL Integer value, using rs.getInt(), the following error was thrown: [DataDirect][MySQL JDBC Driver] Numeric overflow.

0042 |PSC00284059 | MySQL | 078 |F00113 |u000049 |  
The driver returned an error when parameters were not passed as literals to a SELECT statement with the LIMIT clause.

0043 |PSC00283780 | Oracle | 103 |F00116 |u000049 |  
A delay in response occurred while executing a SELECT query, even though the corresponding tables did not contain any data.

0044 |PSC00286566 | Greenplum | 075 |F00116 |u000049 |  
When DatabaseMetadata.getSchemas() was called, the application returned the catalog name as an empty string.

0045 |PSC00286350 | Oracle | 108 |F00120 |u000049 |  
When connected to a UTF-8 Oracle database with "CodePageOverride=MS932" and trying to insert a 0x7e (TILDE), the driver threw the ORA-01461 exception.

0046 |PSC00287514 | MySQL | 090 |F00120 |u000049 |  
The driver unexpectedly returned false when the following Database MetaData methods were called: supportsCatalogsInIndexDefinitions, supportsCatalogsInPrivilegeDefinitions, supportsCatalogsInProcedureCalls, supportsCatalogsInTableDefinitions.

0047 |PSC00285617 | SQLServer | 075 |F00126 |u000055 |  
From version 5.1.2, in addition to Windows logged-in session for AuthenticationMethod=ntlm, the driver now supports a different set of Windows credentials, which are Username, Password, and Domain.

0048 |PSC00293195 | Oracle | 121 |F00134 |u000055 |  
On Linux, the time taken to establish a connection to the server was more as compared to Windows.

0048 |PSC00292131 | Oracle | 123 |F00134 |u000055 |  
When connecting to the database with "NLS\_LENGTH\_SEMANTICS=CHAR", if an English alphabet is inserted in the database using PreparedStatement.addBatch() followed by the execution of PreparedStatement.executeBatch(), an incorrect value is returned.

0051 |PSC00294082 | Oracle | 125 |F00135 |u000056 |  
Invalid username/password (SQLInvalidAuthorizationSpecException) occurred when connecting to Oracle 12

0052 |PSC00293052 | Oracle | 129 |F00139 |u000056 |  
When an application was executed on JRE 1.7 that generated a result set containing CLOB data, the driver threw a "Object has been closed" error. This error occurred due to the change in the implementation of SerialClob(Clob clob) in JRE 1.7.

0053 |PSC00293052 | DB2 | 105 |F00139 |u000056 |  
When an application was executed on JRE 1.7 that generated a result set containing CLOB data, the driver threw a "Object has been closed" error. This error occurred due to the change in the implementation of SerialClob(Clob clob) in JRE 1.7.

0054 |PSC00292304 | SQL Server | 081 |F00139 |u000056 |  
When a DBCC command was executed, the driver returned incorrect results.

0055 |PSC00296538 | Oracle | 130 |F00139 |u000056 |  
When calling getTables using an OS user, the SELECT query failed and no result was returned.

0055 |PSC00298860 | Oracle | 133 |F00139 |u000056 |  
When executing an overloaded stored procedure, the driver threw the exception NullPointerException.

0055 |PSC00298405 | Oracle | 134 |F00139 |u000056 |  
When calling getClob() from an XMLType Clob, the driver threw the exception ArrayIndexOutOfBoundsException.

0056 |PSC00302355 | Oracle | 139 |F00150 |u000065 |  
A hang occurred when using getBytes against output parameters as well as result columns.

0056 |PSC00297589 | Oracle | 142 |F00153 |u000068 |  
Temporary Clobs were not released when using getClob().free().

0057 |PSC00300676 | MySQL | 104 |F00150 |u000065 |  
Applications were unable to display results for tables and databases containing a period in their name.

0057 |PSC00301519 | MySQL | 105 |F00155 |u000069 |  
When the driver used getFunctionColumns() to retrieve the Function column information, the driver failed.

0057 |PSC00301195 | MySQL | 106 |F00157 |u000069 |  
When a SELECT statement was executed on data of the BLOB data type, MySQL returned incorrect results.

0059 |PSC00302424 | SQL Server | 084 |F00153 |u000068 |  
When a fully qualified database name was used, the driver failed to perform bulk load operations.

0059 |PSC00285617 | SQL Server | 085 |F00154 |u000069 |  
The driver now supports the Username, Password, and Domain Windows credentials in addition to Windows logged-in session for AuthenticationMethod=ntlm.

0059 |PSC00299356 | Sybase | 071 |F00156 |u000069 |  
When the column data of DATE data type was fetched using

getTimestamp(), the driver returned incorrect results.

0059 |PSC00301031 | Sybase | 072 |F00156 |u000069 |  
When an application called getProcedureColumns(), the method returned incorrect COLUMN\_TYPE information for stored procedures that contained input and output parameters.

0060 |PSC00301546 | DB2 | 108 |F00150 |u000065 |  
UTF-8 characters came back from DB2 incorrectly.

0061 |PSC00307337 | Oracle | 150 |F00163 |u000071 |  
When CALL CTXSYS.CTX\_DDL.CREATE\_PREFERENCE ('QCTSCHK1403010912634PREF', 'MULTI\_COLUMN\_DATASTORE') was called, the driver threw a SQLException.

0062 |PSC00306780 | Oracle | 152 |F00163 |u000071 |  
The CHARTOROWID() is fixed to return null when you specify 0 as the row ID.

0063 |PSC00306199 | Sybase | 073 |F00161 |u000071 |  
Incorrect data was inserted in the database, when the application used "PrepareMethod=StoredProcIfParam".

0065 |PSC00309269 | SQLServer | 091 |F000167 |u000073 |  
Incomplete results were returned when querying SQL Server 2014 tables using Database Consistency Checker (DBCC)

0066 |PSC00307828 | Oracle | 155 |F00167 |u000073 |  
When an application executed getClob() on a SELECT statement containing an NVL function, a NullPointerException occurred.

0066 |PSC00299935 | Informix | 074 |F00167 |u000073 |  
When metadata calls, such as getIndexInfo and getPrimaryKeys were used to retrieve data, the driver returned incorrect values for ORDINAL\_POSITION and KEY\_SEC .

0066 |PSC00100842 | SQLServer | 092 |F00167 |u000073 |  
The driver now supports the geography data type.

0066 |PSC00110820 | SQLServer | 092 |F00167 |u000073 |  
The driver now supports the geometry data type.

0066 |PSC00047782 | SQLServer | 092 |F00167 |u000073 |  
The driver now supports the hierarchyid data type.

0067 |PSC00309723 | DB2 | 113 |F00167 |u000073 |  
When the CLOB column was defined as nullable, the driver returned incorrect values for UTF-8 characters.

0068 |PSC00310533 | SQLServer | 093 |F00167 |u000073 |  
When the columnNames[] argument was passed to Connection.prepareStatement, the driver threw an exception while executing an execute() or executeQuery() method for the prepared statement.

0068 |PSC00052393| OpenEdge | 105 |F000167 |U000073 |  
The driver has been enhanced to return a substitution symbol rather than SQLException.

0069 |PSC00310738| Sybase | 075 |F000167 |U000073  
In database versions 15.7 and above, when you insert data as  
characterStream in a NCLOB column, incorrect data is found  
in the NCLOB column.

0070 |PSC00309683| MySQL | 110 |F000167 |U000073 |

0071 |PSC00311920| SQLServer | 094 |F000167 |u000073 |  
When the application executed setNull(Types.Boolean) on a SQL  
Server column of the BIT data type, the driver threw an error.

0072 |PSC00310728| Oracle | 162 |F000167 |u000073 |  
On the Linux platform, performance degradation was observed when  
the application used multiple consoles for establishing database  
connections.

0072 |PSC00311359| Oracle | 166 |F000167 |u000073 |  
The driver took unexpectedly long time to retrieve REF CURSOR  
results.

0072 |PSC00298405| Oracle | 165 |F000167 |u000073 |  
When calling getClob() from an XMLType Clob, the driver threw  
the exception ArrayIndexOutOfBoundsException.

0072 |PSC00304792| Oracle | 165 |F000167 |u000073 |  
When querying an XMLType data type of storage type CLOB, a  
"Value cannot be converted to requested type" error occurred.

0073 |PSC00311118| Hive | 057 |F000167 |u000073 |  
If TRANSFORM function was used in a query, the driver threw an  
exception.

0074 |PSC00312332| SQLServer | 095 |F000171 |u000073 |  
Enhanced the driver to support the PreparedStatement setNull  
method with argument of Types.OTHER.

0074 |PSC00311489| SQLServer | 096 |F000171 |u000073 |  
CallableStatement.ClearParameters() did not function properly  
with the DataDirect Connect for JDBC SQL Server driver.

0075 |PSC00111215| Oracle | 168 |F000172 |u000073 |  
When a package was called with a comment at the end  
(such as /\* xx \*/), the driver returned a "ORA-00600: internal  
error code, arguments: [12259], [], [], [], [], [], [], []" error.

0075 |PSC00313099| Sybase | 077 |F000172 |u000073 |  
When the database returned two character sets as the default  
character set, the driver failed to establish a connection with  
the database.

0076 |PSC00313339| Hive | 063 |F000176 |u000073 |  
Error establishing JDBC connection to Hive Server on Cloudera 5.0.

0076 |PSC00317180| Greenplum | 091 |F000186 |u000073 |  
ddtb\*.tmp files are not being cleaned up when an application exits.

0077 |PSC00315443| Oracle | 171 |F000178 |u000073 |  
When connecting to an Oracle ASM or to an Oracle instance that

did not have the "DBMS\_SESSION.SET\_IDENTIFIER" package installed, the driver failed to establish a connection.

0079 |PSC00321394| SQLServer | 099 |F000186 |u000083 |

0080 |PSC00316217| Hive | 078 |F000189 |u000085 |  
when a few "Set" commands were executed, the driver threw an unexpected exception.

0080 |PSC00319174| Hive | 078 |F000189 |u000085 |  
When the driver called getColumn on a partitioned table, a NullPointerException occurred.

0081 |PSC00317025| PostgreSQL | 073 |F000186 |u000083 |  
The driver threw an error when connecting to the beta version of PostgreSQL.

0082 |PSC00322673| Greenplum | 095 |F000190 |u000086 |  
The JDBC Greenplum Pivotal driver is now able to handle alphanumeric Server Version String and connect to the database.

0083 |PSC00322321| Oracle | 179 |F000192 |u000086 |  
The JDBC provider is fixed to execute Statement.cancel() on a complex query.

0084 |PSC00318882| SQLServer | 105 |F000192 |u000086 |  
When a SELECT statement was executed on data of the NCHAR data type having sql\_varient, the returned data length was more than the maximum length.

0084 |PSC00317944| SQLServer | 105 |F000192 |u000086 |  
When the setBytes method was used to pass VARCHAR data in the database in BCP mode, HEX value was inserted instead of CHARs.

0086 |PSC00324034| Hive | 084 |F000194 |u000087 |  
With the Apache Hive driver, the following problems occurred when connecting to CDH 5.1 database :  
- When calling dmd.getColumn() with a tableNamePattern like "%p%" (percent, 1 char, percent), tables starting with that char were not in the resultset.  
- When calling dmd.getColumn() with a tableNamePattern like "%", the resultset was not correct.

0087 |PSC00319081| Oracle | 188 |F000199 |u000087 |  
When data was fetched from a table containing data of the BLOB data type, the application hung.

0088 |PSC00323815| OpenEdge | 112 |F000199 |u000087 |  
When a prepared statement containing "WHERE" and "WITH(NOLOCK)" clauses was executed, the driver generated incorrect SQL statements without the "WITH(NOLOCK)" clause, which resulted in unwanted locks.

0088 |PSC00323700| OpenEdge | 112 |F000199 |u000087 |  
When a prepared statement containing a "WITH (NOLOCK)" clause and not a "WHERE" or an "ORDER BY" clause was executed, the driver generated SQL statements containing a "WHERE" clause before the "WITH (NOLOCK)" clause.

0089 |PSC00323735 | DB2 | 126 |F00199 |u000087 |  
When a stored procedure that returns return codes was executed,  
the driver returned an exception.

0089 |PSC00324115 | DB2 | 126 |F00199 |u000087 |  
The getParameterMetaData() method was returning incorrect  
metadata for its output parameters.

0090 |PSC00315576 | SQLServer | 110 |F00199 |u000087 |  
When the database default language was set to French, the driver  
returned an error when the datetime value was inserted.

0090 |PSC00325833 | Oracle | 193 |F00199 |u000087 |  
When the getTables() method was used on a table name containing  
special or escaped characters, the method returned incorrect value.

0091 |PSC00323923 | DB2 | 127 |F00199 |u000087 |  
When a stored procedure was called, the driver returned a  
NullPointerException.

0092 |PSC00325598 | Oracle | 195 |F00199 |u000087 |  
When executing a CallableStatement to an Oracle ASM instance for  
a second time, the driver threw a NullPointerException.

0092 |PSC00317792 | Oracle | 196 |F00199 |u000087 |  
The driver stopped responding in some situations when different  
PreparedStatements were interleaved for the execution of a  
SELECT ELMNT.ELEMENT\_UID statement on the same connection.

0093 |PSC00325931 | Sybase | 082 |F00199 |u000087 |  
When auto generated keys were used to insert data, the second  
PreparedStatement.executeUpdate() method threw an SQLException.

0094 |PSC00328665 | Hive | 100 |F00202 |u000087 |  
When using the getColumn() function to retrieve table column  
definitions on a Char column, the driver threw a  
NullPointerException.

0094 |PSC00324536 | Hive | 100 |F00202 |u000087 |  
Hive driver using Kerberos dynamic login does not connect when  
passing the connection option LoginTimeout.

0095 |PSC00328315 | MySQL | 128 |F00202 |u000087 |  
When resultSet.getBoolean() was called, the driver returned an  
unsupported data conversion error.

0096 |PSC00328710 | Oracle | 202 |F00204 |u000089 |  
When using DataDirect Spy with MaxPooledStatements set to 5,  
the driver returned java.lang.NullPointerException.

0097 |PSC00328656 | SQLServer | 110 |F00199 |u000087 |  
When establishing a connection with AuthenticationMethod set to  
ntlm, the driver threw an error because the size of the security  
token was larger than the default token size. The driver's  
default token size has been increased to 64K.

0098 |PSC00328722 | SQLServer | 115 |F00209 |u000089 |

The driver threw a "Login failed for user" error when the password contained a space.

0099 |PSC00330132 | DB2 | 134 |F00209 |u000089 |  
An Error Code was not returned when the connection failed to a HADR (High Availability Disaster Recovery) standby database in a DB2 HADR cluster.

0100 |PSC00331635 | Greenplum | 114 |F00209 |u000089 |  
Calling the getColumn() method returned the "not null" columns as "nullable" columns. This has now been fixed.

0101 |PSC00330787 | SQLServer | 115 |F00209 |u000089 |  
When spy was enabled and MaxPooledStatements was set to 5, the driver returned java.lang.NullPointerException.

0101 |PSC00330787 | DB2 | 134 |F00209 |u000089 |  
When spy was enabled and MaxPooledStatements was set to 5, the driver returned java.lang.NullPointerException.

0101 |PSC00330787 | Informix | 082 |F00204 |u000089 |  
When spy was enabled and MaxPooledStatements was set to 5, the driver returned java.lang.NullPointerException.

0101 |PSC00330787 | Sybase | 085 |F00204 |u000089 |  
When spy was enabled and MaxPooledStatements was set to 5, the driver returned java.lang.NullPointerException.

0102 |PSC00330064 | Salesforce | 132 |F00209 |u000089 |  
Error occurs when creating a table having custom fields marked as NOT NULL

0102 |PSC00330085 | Salesforce | 132 |F00209 |u000089 |  
An error occurred when creating a table with more than six columns in Salesforce.

0103 |PSC00331687 | Oracle | 208 |F00209 |u000089 |  
When reading LOBs with Oracle 12.1.0.2, a degradation in performance was observed.

0104 |PSC00304391 | DB2 | 135 |F00209 |u000089 |  
When a string value with trailing spaces of size greater than the column size was inserted in the database, the driver threw an error when doing a batch insert.

0106| PSC00335220| Hive | 107 |F000210 |u000089 |  
Hive utility statement locks up finalizer.

0108| PSC00333546| PostgreSQL | 089 |F000209 |u000089 |  
The PostgreSQL driver does not support the CallableStatement, prepareCall(String, int, int , int). This has now been fixed.

0109 |PSC00334781 | SQLServer | 120 |F00211 |u000089 |  
When the output type for a stored procedure was VARCHAR(MAX), the driver incorrectly truncated the output of the stored procedure to 4000 or 8000 characters.

0110 |PSC00336267 | Greenplum | 117 |F00211 |u000089 |

The driver threw the SQL exception "No ResultSet set was produced" when executing a function with void as the return type.

0111 |PSC00335146 | DB2 | 140 |F00211 |u000089 |  
The driver reported incorrect information related to outer join support.

0112 |PSC00338013 | SQLServer | 128 |F000226 |u000096 |  
Enhance the driver so that, by default, it no longer registers an MBean for statement pool monitoring. Add a connect option so that applications can "opt in" for this behavior

0113 |PSC00337866 | Greenplum | 118 |F000228 |u000096 |  
When ResultSetMetaData.isNullable was called, the driver returned Nullable for columns that had been created as Not Nullable.

0114 |PSC00335717 | SQLServer | 130 |F000230 |u000096 |  
When trying to connect with an SSL enabled server using JDK 1.8 in a multithreaded environment, the connection fails and the driver throws the exception "SSL handshake failed: Remote host closed connection during handshake."

0115 |PSC00336740 | Salesforce | 136 |C0195| |F00226 |u000096 |  
SALESFORCE Unable to query CaseFeed object from Sqoop

0116 |PSC00336237 | Oracle | 241 |F000232 |u000096 |  
When calling overloaded procedures with output parameters, the driver returned the error "The requested output parameter data is not available."

0116 |PSC00336808 | Oracle | 241 |F000232 |u000096 |  
Connection failure with Connect for JDBC Oracle driver in a DNS SCAN environment which uses a F5 switch

0117 |PSC00339903 | DB2 | 143 |F000232 |u000096 |  
When connecting to a DB2 database with an IBM 943 code page, the driver returned the error "Descriptor received does not match associated data."

0118 |PSC00339940 | Hive | 111 |F000232 |u000096 |  
When calling getColumns, the driver returned a NullPointerException.

0120 |PSC00340163 | MySQL | 139 |F000233 |u000096 |  
When calling the getColumns() method on a table with a backtick character (`), the driver did not return a result.

0122 |PSC00340204 | SQLServer | 133 |F000234 |u000097 |  
The driver did not throw an exception when selecting an improperly formatted timestamp escape value.

0123 |22229 | Oracle | 271 |F000241 |u000104 |  
The driver did not respond when an application called executeBatch() while running a 1.7 JVM against Oracle 12.2.0.2 with SSL enabled.

0124 |18052 | SQLServer | 136 |F000244 |u000104 |

The driver failed to establish a connection when attempting to connect from the SQL Server Azure VM.

0124 |17778 | Oracle | 276 |F000244 |u000104 |  
When executing multiple statements on the same connection, the driver would fail to respond or throw one of the following exceptions: "Object has been closed" or "Net8 protocol error."

0125 |24295 | SQLServer | 138 |F000245 |u000104 |  
The driver has been enhanced so that the '@' prefix for parameter names is optional.

0127 |20137 | Oracle | 286 |F000250 |u000108 |  
When calling a stored procedure, the driver returned the error "Unhandled sql type."

0128 |18054 | Sybase | 96 |F000252 |u000109 |  
After a row was successfully inserted when executing a batch using a PreparedStatement, the executeUpdate() method returned a value of 0 when a value of 1 should have been returned.

0128 |24947 | Sybase | 96 |F000252 |u000109 |  
When calling a stored procedure with text parameter input on Sybase 15.7, the driver returned the following SQLException: "tibcosoftwareincSybase JDBC DriverParameter 2 is longer than 255 bytes."

0129 |16164 | Hive | 115 |F000257 |u000114 |  
When tables were created in AVRO format, the driver threw an ArrayIndexOutOfBoundsException when calling getTables().

0130 |17734 | Oracle | 297 |F000258 |u000115 |  
| | SQLServer | 147 |F000258 |u000115 |  
When connecting to SQL Server and Oracle databases using NTLM authentication on Windows, the driver threw a SQL exception on the second connection.

0130 |24874 | DB2 | 154 |F000258 |u000115 |  
When inserting CLOB data into a UTF-8 table, driver transliteration failed.

0130 |16006 | Oracle | 299 |F000258 |u000115 |  
A "Net8 protocol error" was observed on execution of a batch of parameterized statements.

0132 |24801 | Oracle | 304 |F000258 |U000115 |  
When attempting to insert a NULL value in a LOB column using Oracle 12.1.0.2, the driver threw the exception "ORA-22275: invalid LOB locator specified."

0133 |29113 | Oracle | 308 |F000258 |U000115 |  
The driver did not respond when an attempt was made to read data from a BFILE.

0133 |29113 | Oracle | 308 |F000258 |U000115 |  
When querying a table with INTERVAL columns

that contained negative values, the driver threw  
java.lang.ArrayIndexOutOfBoundsException.

0134 |25035 | Impala | 62 |F000260 |U000115 |  
ResultSet.getTimestamp() threw an invalid timestamp format  
exception for a result column that was a Time literal CAST  
as a Timestamp, i.e. " SELECT CAST('08:30:00') ".

0135 |25902 | SQLServer | 148 |F000261 |U000115 |  
When executing Select queries, a performance degradation  
was observed between the 5.1 and 4.1 versions of the driver.

|29757 | MongoDB | | | | |  
After completing an installation of the MongoDB and Amazon  
Redshift 5.1.4 drivers, the installation log showed the  
error "Unable to locate ASCII test file to be manipulated."

|29757 | Redshift | | | | |  
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Redshift 5.1.4 drivers, the installation log showed the  
error "Unable to locate ASCII test file to be manipulated."

0136 |28936 | Informix | 090 |F000261 |U000115 |  
When retrieving data from DATE columns, corrupted DATE  
values were returned.

0136 |33452 | Oracle | 314 |F000261 |U000117 |  
The driver produced the internal error "Message 1001 not  
found" when it should have thrown the exception "No more  
data available to read."

0137 |31736 | DB2 | 162 |F000261 |U000115 |  
When inserting a BLOB of exactly 556992 bytes, the driver  
did not respond or a network error occurred.

0137 |30654 | DB2 | 162 |F000261 |U000115 |  
For DB2 for z/OS, the AlternateID connection property has  
been modified to set the name of the schema in the DB2  
CURRENT SCHEMA special register instead of the DB2  
CURRENT SQLID special register. AlternateID now sets  
the name of the schema in the CURRENT SCHEMA special  
register for DB2 for i, DB2 for Linux/UNIX/Windows, and  
DB2 for z/OS.

0138 |30116 | PostgreSQL | 97 |F000263 |U000117 |  
When fetching data from a TIME column, the driver ignored  
milliseconds.

0138 |29989 | PostgreSQL | 97 |F000263 |U000117 |  
The driver did not provide a connection property to report  
whether columns were nullable in the result set metadata.

0139 |31092 | Oracle | 316 |F000264 |U000118 |  
The SID name was missing from the driver error message.

0139 |32472 | Oracle | 316 |F000264 |U000118 |  
When a batch insert was executed on a table with XML type  
columns, the driver threw ArrayIndexOutOfBoundsException.

0140 |32636 | Hive | 119 |F000264 |U000118 |  
Added Support for SSL/TLS in CfJDBC Hive driver

0141 |34720 | DB2 | 165 |F000268 |U000120 |  
When selecting BLOB data, ResultSet.getBinaryStream  
(int columnIndex) was not returning the correct results  
consistently.

0142 |34037 | MySQL | 146 |F000269 |U000120 |  
The driver stopped responding on the execution of  
ResultSet.next() when multiple active statements were  
being used and the result set data of the active statements  
had not fully materialized on the wire.

0142 |35251 | MySQL | 146 |F000269 |U000120 |  
When getProcedureColumns() is called after stopping the  
server, the driver threw java.util.EmptyStackException.

0143 |31017 | Sybase | 098 |F000268 |U000120 |  
The driver did not return functions when the getFunctions()  
and getFunctionColumns() were executed.

0144 |37398 | Oracle | 317 |F000270 |U000120 |  
When connecting to 11.1 and earlier versions of Oracle  
with TIME\_ZONE set to 'America/Toronto', the driver threw  
the exception "Error ORA-01882: timezone region not found."

0144 |35628 | SQLServer | 152 |F000271 |U000121 |  
A "No more data available to read" exception was returned  
when fetching data that had the STATISTICS PROFILE enabled.

0145 |32635 | Hive | 128 |F000272 |U000122 |  
The driver did not perform as expected when inserting rows  
contained in parameter arrays.

0145 |34714 | Hive | 128 |F000272 |U000122 |  
When connecting to the server with Kerberos integrated  
security, the driver threw an exception.

0145 |36651 | Oracle | 318 |F000272 |U000122 |  
When executing a PreparedStatement with Oracle Advanced  
Security enabled, the driver returned the error  
"ORA-12656: Cryptographic checksum mismatch."

0146 |38648 | SQLServer | 154 |F000273 |U000122 |  
When executing a Select with the SelectMethod connection  
property set to cursor, the driver returned fewer rows  
than expected.

0147 |39816 | DB2 | 168 |F000273 |U000122 |  
The PKCS12 files were not included with the driver.

0148 |39311 | Oracle | 324 |F000276 |U000123 |  
When opening a Clob using the getCharacterStream() method,  
the driver returned the exception "ORA-22922:Non existant  
lob value."

0148 |38570 | Hive | 130 |F000273 |U000122 |  
When describing a prepared statement before executing a SQL query, driver performance was diminished.

0148 |35695 | Hive | 130 |F000273 |U000122 |  
When connecting to a Kerberized Hive environment, the driver stopped responding when the AuthenticationMethod connection property was not set to Kerberos.

0150 |37313 | SQLServer | 157 |F000277 |U000123 |  
When using the HostNameInCertificate connection property in an SSL configuration, the driver compared the HostNameInCertificate value with only the first DNSName value of the SubjectAlternativeNames field in the certificate when it should have checked subsequent DNSName values in the SubjectAlternativeNames field. As a result, the driver returned an exception stating "The server name in the certificate does not match the value specified in the hostNameInCertificate connect option."

0151 |38280 | Informix | 92 |F000280 |U000123 |  
When querying a table containing the unsupported data type BIGINT, the driver provided an unhelpful error message.

0152 |30678 | SQLServer | 158 |F000281 |U000124 |  
When using NTLM authentication from a Linux machine that was not part of the domain, the client was unable to connect successfully to the server.

0152 |40778 | Oracle | 328 |F000281 |U000124 |  
When repeatedly streaming CLOB data, the driver threw the exception "OracleORA-04036: PGA memory used by the instance exceeds PGA\_AGGREGATE\_LIMIT."

0153 |40996 | DB2 | 171 |F000281 |U000124 |  
A callable statement's second execute resulted in a NullPointerException when another executed statements result set was closed.

0154 |43090 | SQLServer | 160 |F000287 |U000125 |  
When executing a query with the Left or Right function in an Order By clause, the driver threw the exception "Incorrect syntax near '('."

0155 |41838 | Hive | 132 |F000287 |U000125 |  
When executing a batch insert on a partitioned table with parameter markers in the partition key list, the driver threw ArrayIndexOutOfBoundsException.

0157 |45222 | SQLServer | 161 |F000289 |U000127 |  
When a client attempted to execute a preparedStatement with parameter markers that had no preceding space (for example, "SELECT <column> FROM <table> WHERE <column> BETWEEN? AND?"), the driver threw the SQLException "An expression of non-boolean type specified in a context where a condition is expected, near 'between@P1'."

0157 |43331 | Oracle | 333 |F000289 |U000127 |  
When streaming CLOB data against a whole table, "Other Allocated" memory in the "Memory Detail" increased with each iteration of the loop. This indicated a possible memory leak.

0158 |44088 | Salesforce | 147 |F000289 |U000127 |C0213  
A java.lang.AbstractMethodError occurred with an application using Jersey libraries.

0159 |45546 | Oracle | 335 |F000289 |U000127 |  
When selecting data from tables with XML type columns, the driver threw the exception "DriverObject has been closed."

0160 |40839 | Salesforce | 148 |F000289 |U000127 |C0213  
When the driver was used to connect to Salesforce from a client application deployed in WebLogic, an SSLHandshakeException was thrown.

0161 |45688 | DB2 | 173 |F000289 |U000127 |C0213|  
When inserting a row that specifies a date value with setDate() for a DATE column defined as NOT NULL with batchUpdate() or executeUpdate(), the driver threw the exception 'Unsupported data conversion.'

0162 |33503 | OpenEdge | 127 |F000281 |U000124 |C0213|  
When the database produced an error, the driver returned a NullPointerException instead of wrapping the error in a SQL exception.

0163 |46817 | Oracle | 341 |F000295 |U000128 |  
When reading a BLOB column containing data, the driver returned NULL."

0164 |42603 | SQLServer | 162 |F000295 |U000128 |  
The driver did not use the default krb5.conf file. Instead, the driver set a system property to force the use of a krb5.conf file installed along side the driver jar file in the /lib directory of the product installation directory.

0165 |42891 | MySQL | 149 |F000295 |U000128 |  
When calling getFunctionColumns(), the driver returned the incorrect COLUMN\_TYPE.

0167 |46756 | SALESFORCE | 149 |F000295 |U000128 |  
When querying a custom object with getImportedKeys(), the driver incorrectly reported the value in the PK\_NAME field for the foreign key constraint. The PK\_NAME field should have had the same name as the primary key of the related custom object.

0168 |46514 | Sybase |101 |F000296 |U000128 |  
When getFunctionColumns() was called, the driver returned incorrect values for DATA\_TYPE and TYPE\_NAME.

0169 |50427 | Oracle |342 |F000296 |U000128 |

When the application issued a Select statement for which the server returned a group of rows followed by a marker packet, the driver stopped responding. A similar hang occurred when the application submitted a Select statement and almost immediately issued a Cancel for the Select operation.

0170 |53346 | Oracle |351 |F000301 |U000131 |  
The driver stopped responding when Query Timeout was enabled.

0172 |55568 | SQLServer |166 |F000302 |U000131 |  
When querying a linked SQL Server database with the SelectMethod connection property set to cursor, the driver threw the error "No more data available to read."

0173 |55036 | Salesforce |163 |F000302 |U000131 |C0229

When inserting a value into a child table, the driver returned a relationship for column not found exception.

0173 |53975 | Salesforce |163 |F000302 |U000131 |C0229  
The driver was not returning metadata for the FeedComment object.

0173 |50307 | Salesforce |163 |F000302 |U000131 |C0229  
When Driver class is loaded by multiple class loaders, the connection failed and java.lang.ClassCastException was thrown.

0173 |55033 | Salesforce |163 |F000302 |U000131 |C0229  
An external ID column could not be created programmatically using DDL with the driver.

0175 |54556 | Oracle |353 |F000303 |U000131 |C0229  
Retrieving ParameterMetaData from tables with spaces in the name throws SQLException

0175 |57559 | Oracle |353 |F000303 |U000131 |C0229  
Request to return the column size in bytes instead of characters

0177 |49711 | Hive |136 |F000301 |U000131 |  
When attempting to connect from Oracle to Hive using HIVE-ODCI (Oracle Database Data Cartridge Interface), the driver threw a NullPointerException and failed to establish a connection.

0178 |56571 | SQLServer |169 |F000304 |U000132 |  
When metadata.getColumns() was executed, sparse columns were not returned in the result set.

0179 |55055 | Salesforce |166 |F000304 |U000132 |C0232  
When converting the datetime field to the HH24:MI:SS format with the TO\_CHAR function, the driver returned '00' hours as '24' hours.

0179 |56335 | Salesforce |166 |F000304 |U000132 |C0232  
When executing a DELETE query that included an IN clause with a large number of values, the driver threw the exception ENTITY\_IS\_DELETED.

0179 |56305 | Salesforce |166 |F000304 |U000132 |C0232  
When executing a Select query that included an IN clause with a large number of values, the driver returned duplicate

0180 |54182 | Salesforce |167 |F000304 |U000132 |C0233  
When returning metadata for ProcedureColumns, the driver incorrectly reported metadata for precision, length and scale. records in the result set.

0181 |60496 | MySQL |154 |F000309 |U000132 |  
When retrieving parameter metadata from a table with spaces in the name, the driver threw a SQLException.

0182 |58178 | DB2 |179 |F000309 |U000132 |  
When using the Reader.read() method to read CLOB data from a UTF-8 database, the driver returns 0 instead of -1 upon reaching the end of the document.

0183 |59771 | Salesforce |170 |F000310 |U000132 |C0236  
When calling getColumnPrivileges(String catalog, String schema, String table, String columnNamePattern), the driver returned the incorrect privileges.

0183 |59772 | Salesforce |170 |F000310 |U000132 |C0236  
In some scenarios, the driver was not providing error messages consistent with error codes.

0183 |61852 | MySQL |157 |F000312 |U000132 |  
When retrieving ParameterMetaData from tables that have an apostrophe in the table name, the driver threw a SQLException.

0184 |62986 | Oracle |367 |F000317 |U000136 |  
With a particular Oracle server, a NullPointerException occurred when a response to an INSERT statement inaccurately described the expected parameter count.

0185 |55415 | Hive |145 |F000312 |U000132 |  
When calling isValid after the network connection was broken, the driver returned true but should have returned false.

0186 |60814 | MySQL |158 |F000318 |U000137 |  
The driver returned the wrong error message when an incorrect certificate was provided for an SSL connection.

0187 |59772 | Salesforce |185 |F000319 |U000137 |C0242  
Executing a select query with an IN clause failed to return deleted/archived records when DeletedRowsBehavior=included.

0187 |59772 | Salesforce |185 |F000319 |U000137 |C0242  
The driver failed to return metadata for "CONTENTDOCUMENTLINK" object.

0187 |59772 | Salesforce |185 |F000319 |U000137 |C0242  
A batch insert statement failed when returning an auto-generated ID.

0188 |63280 | DB2 |183 |F000319 |U000137 |  
The Alternate ID connection option incorrectly set the value  
for CURRENT SCHEMA instead of CURRENT SQLID when connecting  
to DB2 for z/OS.

0189 |66261 | Greenplum |140 |F000321 |U000139 |  
After a connection to the server had been terminated, the driver  
returned a malformed error message when an attempt was made to  
execute a Select statement.

0189 |66259 | Greenplum |140 |F000321 |U000139 |  
After a connection to the server had been terminated,  
the driver returned false for Connection.isClosed()  
when it should have returned true.

0192 |63278 | Hive |147 |F000318 |U000137 |  
When fetching a Date value using the Calendar object, the driver  
returned the error "Unsupported data conversion."

0194 |67256 | DB2 |187 |F000323 |U000141 |  
When running a stored procedure with a name more than 18 characters  
in length that is returning dynamic result sets, the driver  
returned the error "No more data available to read."

0195 |68760 | Salesforce |187 |F000323 |U000141 |C0244  
When executing a Select with the AND operator, the driver threw  
the error "The internally generated remote query is too long."

0196 |71185 | Oracle |380 |F000323 |U000141 |  
After upgrading to the Progress DataDirect Connect for JDBC  
5.1.4 driver, the error "No more data available to read" was  
returned when attempting to establish a connection.

0197 |71498 | Salesforce |189 |F000323 |U000141 |C0244  
The driver returned a NullPointerException when connecting  
to a sandbox instance of Salesforce.

0197 |70318 | Salesforce |189 |F000323 |U000141 |C0244  
The driver has been modified to pass SOQL statements of up  
to 20,000 characters in length, the default maximum length  
of SOQL statements defined by salesforce.com.

0200 |73062 | Salesforce |194 |F000323 |U000141 |C0248  
When executing a subselect with a large result set, the driver  
threw an Out of Memory Error.

0200 |69674 | Salesforce |194 |F000323 |U000141 |C0248  
The driver returned values from the BUSINESSHOURS table using  
the incorrect time zone.

0200 |72568 | Salesforce |194 |F000323 |U000141 |C0248  
A Veracode scan flagged a security issue with the driver.

0201 |72335 | Oracle |384 |F000323 |U000141 |  
The driver stopped responding when attempting to fetch a  
CLOB of more than 4,000 lines.

0203 |68134 | Salesforce |202 |F000334 |U000155 |C0254

The driver incorrectly rounded some larger values of the CURRENCY data type.

0203 |69674 | Salesforce |202 |F000334 |U000155 |C0254  
The driver returned values from the BUSINESSHOURS table using the incorrect time zone.

0203 |75502 | Salesforce |202 |F000334 |U000155 |C0254  
A connection reset exception occurred when attempting to execute a Delete using multiple threads.

0204 |75516 | Oracle |396 |F000335 |U000156 |  
The driver returned the following error when trying to connect with a Java program that set ForcePortRedirection=true:  
"No more data available to read."

0204 |74346 | Oracle |396 |F000335 |U000156 |  
After applying Corticon hotfix 5.5.2.27, classes in CCThirdPartyJars.jar returned exceptions to WebSphere web services and failed to deploy.

0205 |74346 | DB2 |194 |F000334 |U000155 |  
After applying Corticon hotfix 5.5.2.27, classes in CCThirdPartyJars.jar returned exceptions to WebSphere web services and failed to deploy

0208 |77680 | Oracle |404 |F000338 |U000159 |  
The following error was returned when attempting to update a LOB column to a NULL value: "ORA-22275: invalid LOB locator specified."

0209 |77520 | Greenplum |143 |F000337 |U000158 |  
When attempting to connect with a Pivotal Greenplum 5.0 database, the driver threw a NumberFormatException.

0210 |78250 | DB2 |202 |F000342 |U000162 |  
When calling DatabaseMetaData.getTablePrivileges(), the driver incorrectly returned NULL for all "PRIVILEGE" values.

0211 |80029 | Salesforce |210 |F000342 |U000162 |  
In certain scenarios, the driver returned the following general error when trying to establish a connection:  
"java.lang.NumberFormatException: For input string:".

0212 | 77382 |SQL Server |186 |F000342 |U000162 |  
When selecting data with collation set to Korean\_Wansung\_CI\_AS, the driver returned the error "No more data available to read when attempting to read Korean multibyte character."

0213 | 80326 |SQL Server |187 |F000343 |U000162 |  
When the setLoadLibraryPath method was used in a DataSource connection, the connection failed.

0214 | 80275 | MySQL |167 |F000343 |U000162 |  
The driver incorrectly returned UTF-8 characters when CodePageOverride=utf-8.

0218 | 84979 | DB2 | 217 | F000355 | U000174 |  
For Timestamp(12) columns with a length greater than 9, the driver returned SQL\_VARCHAR in the result set metadata when SQL\_TYPE\_TIMESTAMP should have been returned.

0219 | 84099 | Salesforce | 214 | F000355 | U000174 |  
The driver incorrectly enforced a size limit of 32k for Long Text Area fields in CUSTOM objects instead of the new limit of 128k that was introduced in API v31.

0219 | 84800 | Salesforce | 214 | F000355 | U000174 |  
When running a bulk load operation, the driver returned a license error.

0222 | 86190 | Hive | 168 | F000357 | U000176 |  
When executing select queries with Kerberos (SASL) authentication enabled, the driver stopped responding.

0225 | 87179 | Oracle | 438 | F000360 | U000178 |  
When calling a stored procedure containing a user defined type that returns a ref cursor, the following database error was returned: "ORA-06550: <line>, <column>: PLS-00306: wrong number or types of arguments in call to 'GET\_FUND\_ACCT\_FEATURES'."

0225 | 87289 | Oracle | 438 | F000360 | U000178 |  
The driver returned incorrect error messages when the DBA user name or password was not provided.

0226 | 87533 | Salesforce | 219 | F000360 | U000178 |  
The following error was returned when attempting to fetch data when running parallel jobs:  
&quot;java.lang.RuntimeException: prepared statement is no longer valid.&quot;

0226 | 87319 | Salesforce | 219 | F000360 | U000178 |  
The connection timed out with the following error when attempting to execute a bulk insert through a proxy server:  
"Connection timed out: connect in statement insert into ."

0227 | XDBC-1772 | Greenplum | 162 | F000369 | U000179 |  
When setting the client encoding to WIN1251, the driver returned the following error:  
"Transliteration failed, reason: invalid UTF8 data."

0228 | XDBC-1709 | Oracle | 450 | F000375 | U000182 |  
The 5.1 Oracle JDBC driver now supports Oracle 12 max\_extended string types.

0230 | XDBC-1812 | Oracle | 451 | F000376 | U000183 |  
An ArrayIndexOutOfBoundsException exception occurred when executing a query using a view that selects data from a database that uses a different character set.

0231 | XDBC-1890 | Sybase | 118 | F000374 | U000181 |  
Calling getTables() failed to return results for databases whose name contained an underscore.

0232 | XDBC-1765 | Hive |178 |F000376 |U000183 |  
The following error was returned when attempting to establish a connection with AuthenticationMethod=Kerberos and DataEncryption=SSL: "A username was not specified and the driver could not establish a connection using Kerberos (type 4) integrated security."

0232 | XDBC-1805 | Hive |178 |F000376 |U000183 |  
When specifying a value for the LoginConfigName property, the following error was returned: "The property 'loginConfigName' does not exist on the DataSource class"

0232 | XDBC-2013 | Hive |178 |F000376 |U000183 |  
When attempting to connect to a Hive server using Kerberos, the following error was returned: "A username was not specified and the driver could not establish a connection using Kerberos (type 4) integrated security: No valid credentials provided."

0232 | XDBC-8139 | Hive |178 |F000376 |U000183 |  
When attempting to establish a connection using SASL-QOP with an IBM JRE, the following error is returned: "A username was not specified and the driver could not establish a connection using Kerberos (type 4) integrated security: No LoginModules configured for <driver name>."

0232 | XDBC-1828 | Hive |178 |F000376 |U000183 |  
When using the Statement.executeUpdate method to execute certain queries, the driver returned the following error: "No rows affected."

0232 | XDBC-1849 | Hive |178 |F000376 |U000183 |  
The driver returned an error when a wildcard was specified for the host name in the SSL certificate.

0233 | XDBC-2020 | Oracle |453 |F000378 |U000183 |  
When attempting to call the java.sql.Connection createStruct method, the driver returned the following error: "User defined type not found."

0233 | XDBC-1582 | SQLServer |236 |F000378 |U000183 |  
When attempting to execute pstmt.executeBatch(), the driver returned the following exception: "Statements that produce result sets are not allowed in batch commands."

0233 | XDBC-1611 | SQLServer |236 |F000378 |U000183 |  
The driver returned the incorrect error message when the database username or password were not provided.

0233 | XDBC-1615 | SQLServer |236 |F000378 |U000183 |  
After branding the driver, package-info.class declared the wrong package name.

0234 | XDBC-1913 | OpenEdge |142 |F000376 |U000183 |  
When attempting to insert a duplicate key object, the driver returned a SQLState error message with insufficient information to determine the cause: "General Error."

0235 | XDBC-8622 | DB2 | 237 | F000378 | U000183 |  
The driver returned the following error when calling executeBatch() on an insert query in a prepared statement: "Error occurred during encryption/decryption: Output buffer too short."

0235 | XDBC-8622 | DB2 | 237 | F000378 | U000183 |  
The driver returned the following error when calling executeBatch() on an insert query in a prepared statement: "Error occurred during encryption/decryption: Output buffer too short."

0237 | XDBC-8886 | Greenplum | 170 | F000378 | U000183 |  
When queried for metadata using the driver, the database returned incorrect results.

0238 | XDBC-8991 | PostgreSQL | 134 | F000378 | U000183 |  
When queried for metadata using the driver, the database returned incorrect results.

0241 | XDBC-9711 | SQLserver | 241 | F000381 | U000186 |  
Performance issues occurred when fetching sets of data that are 50,000 rows or larger.

0241 | XDBC-9932 | SQLserver | 241 | F000381 | U000186 |  
The instjdbc\_2005.sql file was not included in the install package of JDBC 5.1 driver.

0242 | XDBC-8599 | Oracle | 466 | F000381 | U000186 |  
When attempting to connect to Oracle 12c database with ALLOWED\_LOGON\_VERSION\_SERVER=12a, the driver returned the following error: "No matching authentication protocol."

0242 | XDBC-8651 | Oracle | 466 | F000381 | U000186 |  
The driver returned the following error when attempting to execute a MERGE INTO clause against CLOB data: "No more data available to read."

0243 | XDBC-10118 | Salesforce | 226 | F000381 | U000186 |  
Connections to the accounts using Salesforce, Winter '19 failed intermittently with the following error: "The native meta data is inconsistent. The object named has a relationship named which references an object named that does not exist."

0244 | XDBC-10000 | Greenplum | 183 | F000381 | U000186 |  
The driver forced a sequential scan on the tables that had an underscore "\_" in their names.

0245 | XDBC-10140 | SQLserver | 242 | F000381 | U000186 |  
When the getTime method was called for a SQL Server datetime value, the driver failed to return the millisecond component.

0246 | XDBC-10167 | MySQL | 181 | F000381 | U000186 |  
The driver failed to insert 4-BYTE characters

0247 | XDBC-12405 | Sybase | 120 | F000411 | U000196 |  
The version of Bouncy Castle that ships with the driver has been upgraded to 1.60, which fixes several security vulnerabilities.

0248 | XDBC-1936 | Postgresql | 178 | F000415 | U000200 |  
When attempting to execute Prepare statements, executequery()  
method, and executeupdate() method, the driver hung.

0248 | XDBC-11291 | Postgresql | 178 | F000415 | U000200 |  
The driver performed bulk load operations slower than the native driver.

0248 | XDBC-12021 | Postgresql | 178 | F000415 | U000200 |  
When attempting to make a TLS connection with the database through  
IBM Bluemix Secure Gateway, the driver hung.

0248 | XDBC-11511 | Mysql | 197 | F000415 | U000200 |  
The driver failed to connect to MySQL 8.0 using MySQL 8.0's  
default authentication plugin, caching\_sha2\_password.

0249 | XDBC-12267 | Greenplum | 212 | F000427 | U000206 |  
After executing DatabaseMetadata.getColumns, the driver returned  
incorrect column values.

0250 | XDBC-12043 | Sqlserver | 248 | F000429 | U000208 |  
When attempting to initiate a TLS connection with the database  
through IBM Blumix Secure Gateway, the driver returned the  
following error: java.sql.SQLNonTransientConnectionException:  
[DataDirect][SQLServer JDBC Driver]Encryption Mode requires SSL,  
but SSL encryption is not enabled on the server.

0250 | XDBC-11893 | Mysql | 208 | F000429 | U000208 |  
While attempting to make a TLS connection with the database  
through IBM Secure Gateway, the driver hung.

0251 | XDBC-12822 | DB2 | 276 | F000428 | U000207 |  
The version of Bouncy Castle that ships with the driver has been  
upgraded to 1.60, which fixes several security vulnerabilities.

0252 | XDBC-12931 | Postgresql | 188 | F000431 | U000208 |  
PostgreSQL JDBC driver for PostgreSQL doesn't fetch partitioned  
table when getTables() is called.

0253 | XDBC-12614 | Mysql | 215 | F000432 | U000208 |  
After executing the getImportedKeys method, the JDBC driver returned  
a different result from that of the ODBC driver

0255 | XDBC-12940 | DB2 | 278 | F000432 | U000208 |  
When attempting to execute blob.length() and clob.length() functions  
for SCROLLABLE resultsets, the driver returned the same value for each  
record.

0256 | XDBC-13800 | PostgreSQL | 190 | F000432 | U000208 |  
When the BatchMechanism option was set to MultiRowInsert, the driver  
returned an empty status array (new int\[0]) upon encountering an  
erroneous row.

0257 | XDBC-13103 | SQLServer | 0250 | F000432 | U000208 |  
When attempting to connect to the server with an incorrect domain name,  
the driver did not return any error.

0259 | XDBC-14232 | PostgreSQL | 0211 | F000435 | U000208 |  
The driver returned "UNKNOWN" when executing getColumnTypeName against

columns of the cidr and inet data types.

0260 | XDBC-14233 | Greenplum| 0240 | F000439 | U000210 |  
The driver returned "UNKNOWN" when executing getColumnTypeName against columns of the cidr and inet data types.

0261 | XDBC-15180 | PostgreSQL | 0222 | F000441 | U000212 |  
The driver failed to delete ddtb.tmp files from the user's temporary directory when the application exits.

0262 | XDBC-15404 | DB2 | 0288 | F000439 | U000210 |  
The following error was returned when calling a stored procedure on DB2 for z/OS database that has an EBCDIC CCSID of 1026:  
"No function or procedure was found with the specified name () and compatible arguments."

0263 | XDBC-15747 | PostgreSQL | 0230 | F000442 | U000213 |  
Column length is always returned as 0 for CIDR and INET data type using PostgreSQL JDBC driver

0263 | XDBC-16095 | PostgreSQL | 0230 | F000442 | U000213 |  
When attempting to execute INSERT statement for multiple batches by setting BatchMechanism to COPY, the driver changed the mode to NATIVE for all batches except the first.

0264 | XDBC-15748 | Greenplum | 0258 | F000442 | U000213 |  
When attempting to fetch the length of CIDR and INET type columns, the driver incorrectly returned 0.

0266 | XDBC-17141 | Oracle | 0493 | F000451 | U000214 |  
The driver failed to return a valid error message for a connection failure.

0266 | XDBC-16092 | Oracle | 0493 | F000451 | U000214 |  
In certain scenarios, the driver returned incorrect values for columns of the UROWID type

0267 | XDBC-17396 | Informix | 0108 | F000452 | U000215 |  
Executing bulk operations against Informix servers returned the following error:  
"Driver is not licensed for bulk operations."

0268 | XDBC-17908 | PostgreSQL | 0241 | F000453 | U000216 |  
When attempting to execute the getColumn() method against PostgreSQL v12.0, the driver returned an empty result set.

0268 | XDBC-17734 | SQLServer | 0254 | F000453 | U000216 |  
To resolve a known security vulnerability of the old version of Apache Nimbus JOSE+JWT third-party component, the driver has been enhanced to support Apache Nimbus v8.2.1.

0269 | XDBC-18174 | Greenplum| 0279 | F000453 | U000216 |  
When attempting to execute pstmt.getMetaData().getColumnName, the driver returned incorrect values.

0270 | XDBC-19025 | PostgreSQL| 0244 | F000453 | U000216 |  
When attempting to execute the getColumn() function against PostgreSQL 12, the driver returned an incorrect COLUMN\_DEF value.

0272 | XDBC-17129 | Oracle | 0494 | F000454 | U000216 |  
When attempting a connection, the driver immediately threw the SQL exception  
"Login Timeout error."

0274 | XDBC-19768 | Sybase | 0128 | F000455 | U000217 |  
The driver has been enhanced to support Sybase Extended Password Encryption,  
which uses an asymmetrical key type for secure transmission of public key  
passwords over networks. When AuthenticationMethod=EncryptPassword, the driver  
communicates to the server that it supports both symmetrical and asymmetrical  
password encryption. The server responds with the encryption type it would like  
to use, and the driver proceeds to authenticate with the provided type.

0276 | XDBC-20415 | SALESFORCE | 0240 | F000458 | U000218 |  
When executing a bulk insert from a CSV file, some character values were changed.

0277 | XDBC-20497 | OpenEdge | 0153 | F000458 | U000218 |  
Need CfJDBC 5.1 OpenEdge driver updated to Bouncy Castle 1.6

0278 | XDBC-21761 | PostgreSQL | 0250 | F000460 | U000218 |  
The driver returned an "invalid byte sequence for encoding 'UTF-8'" error  
for Chinese characters when performing write operations with BatchMechanism=Copy.

0278 | XDBC-21248 | PostgreSQL | 0250 | F000460 | U000218 |  
When executing a COPY operation with AutoCommit set to false, the driver threw  
the  
SQL exception Unexpected message type 50

0278 | XDBC-21414 | PostgreSQL | 0250 | F000460 | U000218 |  
The driver failed to connect to a PostgreSQL v12 server when the  
ExtendedColumnMetadata connection property was set to "true" in the connection  
URL.

0279 | XDBC-21861 | DB2 | 0291 | F000460 | U000218 |  
The driver failed to connect when the username or password contained special  
characters.

0279 | XDBC-20490 | PostgreSQL | 0253 | F000461 | U000218 |  
The driver returned the following error when attempting to execute multiple  
prepared  
statements: "Cannot insert multiple commands into a prepared statement."

0279 | XDBC-21888 | Oracle | 0498 | F000463 | U000218 |  
The driver issued an invalid query for each connection that resulted in  
the log file to fill with ORA\_02003 errors.

0279 | XDBC-21351 | Oracle | 0498 | F000463 | U000218 |  
During the process of discovering parameter metadata for a parameterized SELECT  
statement,  
the driver issued an invalid query that resulted in the following error: "ORA-  
00936: missing expression."

0280 | XDBC-24471 | PostgreSQL | 0261 | F000469 | U000228 |  
With BatchMechanism=Copy, the driver returned the following error when attempting  
to insert a  
Timestamp value using a batch operation: "invalid byte sequence for encoding  
'UTF8': 0x00."  
The entire batch operation was rolled back."

0280 | XDBC-24402 | PostgreSQL| 0261 | F000469 | U000228 |  
When attempting to execute metaData.getTables() on a table where the user has access only to one column, the driver returned no results.

0283 | XDBC-27123 | Oracle | 0500 | F000487 | U000233 |  
When the connection was lost while using connection pooling, a recent build of the driver failed to return an "ORA-01012: not logged on" error at a point in the code where it had previously done so, which resulted in the application failing to detect that the connection was invalid.

0285 | XDBC-27881 | PostgreSQL| 0284 | F000495 | U000247 |  
The driver failed to connect to the database that has Unicode/multibyte characters in its name.

0285 | XDBC-27852 | PostgreSQL| 0284 | F000495 | U000247 |  
When attempting to connect to AACT (publicly available PostgreSQL database 11.x), the driver returned the following error: "No more data available to read."

0286 | XDBC-28308 | DB2 | 0319 | F000498 | U000249 |  
When executing a parameterized prepared statement with a quoted CASE clause, the driver returned the following error message: "String index out of range: 0."

0287 | XDBC-29294 | PostgreSQL| 0315 | F000502 | U000252 |  
Executing the setMaxRows function failed to limit the number of rows contained in the result set.

0287 | XDBC-29436 | PostgreSQL| 0315 | F000502 | U000252 |  
A rollback error occurred when loading data into a database using the native batch protocol (BatchMechanism=nativeBatch).

0288 | XDBC-29183 | DB2 | 0327 | F000503 | U000253 |  
When attempting to fetch data from a column of VARCHAR type that has a defined length greater than 254 by setting a code page value using the CharSetFor65535 connection property, the driver returned incorrect results.

0289 | XDBC-29586 | PostgreSQL| 0329 | F000504 | U000254 |  
The driver stopped responding when using executeBatch API to process multiple millions of rows.

0290 | XDBC-29263 | DB2 | 0333 | F000513 | U000261 |  
The driver has been enhanced to support connecting to a proxy server through an HTTP connection.

0291 | XDBC-29930 | DB2 | 0336 | F000525 | U000273 |  
When attempting to execute a stored procedure against a DB2 system that has MCCSID set to 1390, the driver returned the following error: "Unsupported VM encoding"

0292 | XDBC-29263 | PostgreSQL| 0334 | F000530 | U000278 |

The driver has been enhanced to support connecting to a proxy server through an HTTP connection.

0292 | XDBC-29263 | PostgreSQL | 0334 | F000530 | U000278 |

When connected to AWS Aurora PostgreSQL, the driver failed to insert the final record when failover occurred during an insert operation.

0293 | XDBC-34560 | PostgreSQL | 0346 | F000548 | U000289 |

The driver returned a java.lang.ArrayIndexOutOfBoundsException error when loading data using a parameterized UPSERT query.

0294 | XDBC-34743 | PostgreSQL | 0352 | F000548 | U000290 |

The driver failed to insert bulk data using COPY when the data contained an unknown character DEL, which is ASCII(127).

0295 | XDBC-35604 | Sybase | 0135 | F000548 | U000290 |

After upgrading to Sybase SP04 PL01/EBF 29702, the following error occurred during connection:

"com.ddtek.jdbc.sybasebase.dded: [DataDirect][Sybase JDBC Driver]Unexpected character () at position 64 encountered when decoding BASE64 expression."

0298 | XDBC-34548 | Mysql | 265 | F000551 | U000292 |

The Apache Commons Codec was removed as a driver dependency to resolve potential security issues with the software.

0299 | XDBC-38915 | Mysql | 266 | F000552 | U000297 |

The driver failed to connect to a MySQL 8.0.31 commercial database that was SSL enabled.

0300 | XDBC-39141 | DB2 | 413 | F000568 | U000312 |

An ArrayIndexOutOfBoundsException occurred when the driver called ResultSet.next() on a query that selected data from a table with a column of the GRAPHIC data type.

0300 | XDBC-26693 | DB2 | 413 | F000568 | U000312 |

The following error was returned when attempting to fetch data: "Unsupported VM encoding Cp13124."

| XDBC-20531 | All | | F000458 | |

The drivers using Framework version F000458 and later have been enhanced to include timestamp in the Spy and JDBC packet logs by default. If required, you can disable the timestamp logging by setting timestamp=no for Spy logs and ddtDBG.ProtocolTraceShowTime=false for JDBC packet logs.

#### Modifications Since 5.0.1

The following are issues that have been resolved since Release 5.0.1 GA (Build 0007) in May 2012.

Build number:

Issue | Driver

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PSC00091066 | Salesforce

When connecting from DBVisualizer, a ClassCastException was thrown.

PSC00056529 | SQL Server

A network timeout still occurred even though ExtConnection.setNetworkTimeout() was set to 0 (no timeout).

PSC00055949 | SQL Server

When cfJDBC SQL Server driver v 5.0 was used to connect to a database with a named instance and the data source was also specified, the "[DataDirect][SQLServer JDBC Driver]Conflicting connection information. When the instance name is specified, it is invalid to specify the port number." error occurred.

PSC00056078 | SQL Server

When inserting a character value that is greater than 8000 bytes into a TEXT column, the data is truncated.

PSC00056089 | SQL Server

When a SQL query was executed with a single line comment, an empty result set was returned.

PSC00056301 | SQL Server

The SQL Server driver showed inconsistent behavior when setting the deprecated connection option DescribeParameters via a Data source and a connection string. When using a DataSource, the value for DescribeParameters was applied to the new connection option DescribeInputParameters. When using a connection string, the value for DescribeParameters was not applied to DescribeInputParameters.

PSC00055931 | DB2

Transliteration failed when using setCharacterStream() or setBinaryStream().

DD00066145 | Oracle  
| SQL Server

When prepared statements were used, performance was negatively affected because of increasing JVM memory and CPU use.

DD00065689 | Salesforce

The driver failed to connect when a specified password contained an equal sign.

DD00065814 | DB2

The driver did not return synonyms from getTables() against some database versions.

DD00065954 | DB2

DatabaseMetaData.getColumns() did not return results for a query against a table whose name contained a single quote character.

DD00065961 | Oracle

When running a branded driver on an application server, the application sometimes failed to unlock the branded driver.

Modifications Since 5.0.0

The following are issues that have been resolved since Release 5.0.0 GA (Build 0000) in February 2012.

Build number:

Issue | Driver

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DD00065456 | Oracle

The driver returned a "user-defined type not found" exception when trying to execute a stored procedure that returned an output parameter of type VARRAY, if the parameter was defined in a schema different than the user's default schema.

DD00065131 | SQL Server

The driver returned an error when fetching a varchar(max) column that contained an empty string.

DD00065566 | SQL Server

The driver returned an unexpected LCID exception when connecting to a database configured with the following collation: Chinese\_Hong\_Kong\_Stroke\_90\_CI\_AI\_KS.

DD00065144 | SQL Server

The driver returned a null pointer exception from DatabaseMetaData.getMaxCatalogNameLen() after the application called setMaxRows().

DD00065156 | Installer

The installer did not successfully brand the DataDirect Connection Pool Manager file when an OEM install was run.

DD00065298 | Sybase

If the connection property BatchPerformanceWorkaround=true, the driver returned a "procedure cache limit exceeded" exception when executing a large number of batches.

DD00064923 | Oracle

The driver failed to connect with a mixed-case UserID/Password combination.

DD00065127 | DB2

The driver failed to return information in the getColumns() result about whether a column was an auto-increment column.

DD00065088 | DB2

The driver incorrectly described a DOUBLE column in ResultSetMetaData as java.sql.types.FLOAT instead of java.sql.types.DOUBLE.

DD00065274 | DB2

The driver returned a "character data truncated" exception when an application used setBoolean() to bind a parameter to a CHAR(1) column to execute a batch of parameters.

DD00064840 | Informix

The driver returned incorrect information for a DATE column from getProcedureColumns().

DD00064857 | SQL Server

The driver returned a Class Cast Exception when retrieving a variant column.

DD00064808 | Sybase

The driver returned a NULL pointer exception when attempting to convert invalid

UTF-8 data.

DD00064982 | Salesforce

The driver returned a "Name Too Long" error when connecting to an instance that contained a relationship which resulted in a foreign key name that exceeded the maximum identifier length.

DD00064478 | Oracle

The driver did not allow applications to cancel calls to resultSet.next().

DD00064393 | Oracle

The driver returned an "ORA-01460" exception when executing a stored procedure that contained a CLOB parameter greater than 32 KB in size.

DD00064873 | Oracle

The driver returned an exception when retrieving a CLOB column of 0 length using the character stream reader.

DD00064913 | Oracle

The driver failed to connect to Oracle 10g and 11g servers configured with passwords that are longer than 15 characters.

DD00063603 | Salesforce

The driver generated a StringIndexOutOfRangeException exception when it was loaded by a custom class loader.

DD00064520 | SQL Server

The driver failed to clean up temporary files associated with retrieving the results for BLOB and CLOB columns.

DD00063803 | SQL Server

The driver incorrectly returned an exception when inserting the MIN/MAX timestamp values and the default Java timezone was not GMT.

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