Tests

| Test | Test Name |
|------|--|
| 1 | Open and read from Employee Database |
| 2 | Database Event Handlers and Idle disconnect |
| 3 | Database Information |
| 4 | handling of data types up to Firebird 3 |
| 5 | Firebird 4 Data Types |
| 6 | Multi-Database Transaction |
| 7 | Use of TIBSQL |
| 8 | TIBDataset: Locate, Bookmark and Lookup |
| 9 | Extract DDL from example Employee Database |
| 10 | Create Database from SQL Script and Extract SQL |
| 11 | Event Handling |
| 12 | Test use of Services Connection |
| 13 | Use of ISQLMonitor |
| 14 | Open and read from Employee Database with ISQLMonitor and external monitor |
| 15 | IBStored Proc with packages |
| 16 | TIBTable in master/detail relationship |
| 17 | TIBDataset tests |
| 18 | Cached Updates |
| 19 | TIBDataset Master/Detail Queries |
| 20 | TIBUpdateSQL Tests |
| 21 | Big Dataset test |
| 22 | TIBUpdate Tests |
| 23 | Transliteration Tests |
| 24 | IB Parser Tests |
| 25 | TIBTable Tests |
| 26 | IBXScript data out and exceptional conditions |
| 27 | create, bring up-to-date and read from local database |
| 28 | Create local database from script |
| 29 | IBJournal Tests |
| 30 | |

| Objective | Class | Feature |
|-----------|-----------------|---|
| TC1 | TIBDatabase | Connect to Database |
| TC2 | | Disconnect from Database |
| TC3 | | Reconnect |
| TC4 | | Create a Database |
| TC5 | | Create a Database on Open (not present) |
| TC6 | | Drop Database |
| TC7 | | Set Database Parameters |
| TC8 | | Use non-standard library path |
| TC9 | | Set Wire Compression |
| TC10 | | Before/After connect events |
| TC11 | | Before/After Disconnect Events |
| TC12 | | On Create Database event |
| TC13 | | On Idle event |
| TC14 | | Dialect SQL Downgrade event |
| TC15 | | Configuration Overrides |
| TC15 | | Disconnect on Idle |
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| TC17 | TIDDatabasalafa | Set Default SQL Security |
| TC18 | TIBDatabaseInfo | Get Information |
| TC19 | IDT | Get Counts |
| TC20 | IBTransaction | Set Transaction Parameters |
| TC21 | | Start Transaction (Read Only) |
| TC22 | | Start Transaction (Read/Write) |
| TC23 | | Commit Transaction |
| TC24 | | Rollback Transaction |
| TC25 | | Commit Retaining |
| TC26 | | Rollback Retaining |
| TC27 | | Multi-Database Transaction |
| TC28 | | End Transaction on Idle |
| TC29 | | Start Transaction Event |
| TC30 | | Before/After Transaction End event |
| TC31 | | Database Edit/Insert/Post events |
| TC32 | TIBEvents | Register Event Before Database Open |
| TC33 | | Register Event After Database Open |
| TC34 | | Unregister Event |
| TC35 | | Handle Event |
| TC36 | TIBSQL | Set Named Parameters |
| TC37 | | Set Positional Parameters |
| TC38 | | Exec Select Query |
| TC39 | | Get Select query results |
| TC40 | | Exec Insert/Update |
| TC41 | | Exec Insert/Update Query Returning |
| TC42 | | Exec Stored Procedure – no results |
| TC43 | | Exec Stored Procedure – with results |
| TC44 | | Exec DDL |
| TC45 | | Show Plan |
| TC46 | | Show Statistics |
| TC47 | TIBDataset | Open a Dataset |
| TC48 | | Open auto activate transaction |
| TC49 | | Open auto open database |
| TC50 | | Close a Dataset (explicit) |
| TC51 | | Close a DataSet (implicit) |
| TC52 | | AutoCommit Transaction |
| . 002 | | , ato Commit Transaction |

| TC53 TC54 TC55 TC56 TC57 TC58 TC59 | | Save On Close Set Parameter values before open Parse and Update SQL before open Read dataset rows unidirectional Read Dataset rows bi-directional Goto Bookmark Locate – single field Locate – multi filed |
|--|---------------|--|
| TC61 | | Lookup fields |
| TC62 TC63 | | Insert using generator (on new record) Insert using generator (on post record) |
| TC64 | | Insert using generator (on post record) Insert returning primary key |
| TC65 | | Update |
| TC66 | | Update Returning |
| TC67 | | Forced Refresh |
| TC68 | | Explicit Post Record |
| TC69 | | Automatic Post Record |
| TC70 | | Validate Post |
| TC71 | | Cancel Post |
| TC72 | | Delete Record |
| TC73 TC74 | | Delete Returning Very Large Datasets |
| TC74 | | Master/Detail – no delay |
| TC76 | | Master/Detail with delay |
| TC77 | | Calculated Fields |
| TC78 | | Before/After Post Events |
| TC79 | | Before/After Edit/Insert |
| TC80 | | Before/After Delete |
| TC81 | | On Post Error |
| TC82 | | Cached Updates |
| TC83 | | Cancelled Cached updates |
| TC84 | | Read dataset with cached updates |
| TC85 TC86 | | Show Statistics Client side Filtered Dataset |
| TC80 | | Server side Filtered Dataset |
| TC88 | | Time Zone Text Option |
| TC89 | TIBQuery | Open Dataset with parameters |
| TC90 | TIBTable | Open a table |
| TC91 | | Close a Table |
| TC92 | | Empty Table |
| TC93 | | Create Table using field defs |
| TC94 | | Drop Table |
| TC95 | | Update Row |
| TC96 | | Append Row |
| TC97 TC98 | TIBStoredProc | Delete Row Exec Procedure no parameters |
| TC96 | HDStotedF10C | Exec Procedure no parameters Exec Procedure with parameters |
| TC100 | | Exec Procedure with results |
| TC101 | | exec procedure in package |
| TC102 | TIBUpdateSQL | Insert using generator (on new record) |
| TC103 | | Insert using generator (on post record) |
| TC104 | | Insert returning primary key |
| TC105 | | Update |

| TC106 | | Update Returning |
|-------|---------------------------------------|--|
| TC107 | | Delete Record |
| TC108 | | Delete Returning |
| TC109 | TIBUpdate | Update |
| TC110 | · · · · · · · · · · · · · · · · · · · | Insert |
| TC111 | | Delete |
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| TC112 | Fields | Read Integer |
| TC113 | | Write integer |
| TC114 | | Read Boolean |
| TC115 | | Write Boolean |
| TC116 | | Read Int64 |
| TC117 | | Write Int64 |
| TC118 | | Read Float |
| TC119 | | Write Float |
| TC120 | | Read String |
| TC121 | | Write String UTF8 |
| TC122 | | Write String WIN 1252 |
| TC123 | | Read BCD (Currency) |
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| TC124 | | Write BCD (Currency) |
| TC125 | | Read FmtBCD |
| TC126 | | Write Fmt BCD |
| TC127 | | Read Timestamp |
| TC128 | | Write Timestamp |
| TC129 | | Read Timestamp with time zone |
| TC130 | | Write Timestamp with Time Zone |
| TC131 | | Read UTC Timestamp |
| TC132 | | Read Date |
| TC133 | | Write Date |
| TC134 | | Read Time |
| TC135 | | Write Time |
| | | Read Time with time zone |
| TC136 | | |
| TC137 | | Read Time with time zone (non-default date) |
| TC138 | | Write Time with time zone (non-default date) |
| TC139 | | Write Time with time zone |
| TC140 | | Read UTC Time |
| TC141 | | Read Blob |
| TC142 | | Write Blob |
| TC143 | | Read Memo |
| TC144 | | Write Memo |
| TC145 | | Read Array |
| TC146 | | Write Array |
| TC147 | | Refresh after |
| TC148 | IBExtract | Create Database |
| TC149 | IDEXIIdet | Create Domain |
| | | |
| TC150 | | Create Table |
| TC151 | | Create View |
| TC152 | | Create Index |
| TC153 | | Create Trigger |
| TC154 | | Create Exception |
| TC155 | | Create Procedure |
| TC156 | | Create Sequence |
| TC157 | | Create Function (External) |
| TC158 | | Create Function (Internal) |
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| TC159 | | Grants |
|-------|----------------|---|
| TC160 | | Packages |
| TC161 | | SQL Security Role |
| TC162 | | Extract Data |
| TC163 | IBXScript | Create Database |
| TC164 | | Disconnect from Database |
| TC165 | | Reconnect Statement |
| TC166 | | Drop Database |
| TC167 | | Execute DDL |
| TC168 | | Insert Data |
| TC169 | | Array Data |
| TC170 | | Blob (Binary) Data |
| TC171 | | SET Statement Processing |
| TC172 | | Use other Line Terminator |
| TC173 | | Select Statement with data Output to CSV |
| TC174 | | Select Statement with data Output to Insert Stmts |
| TC175 | | Select Statement with data Output to Text Block |
| TC176 | | Run Script from File |
| TC177 | | Unknown SET Statement |
| TC177 | | Stop On First Error |
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| TC179 | IDVC om rice o | Continue after error |
| TC180 | IBXServices | Connect to Server |
| TC181 | | Connect to Database's Server |
| TC182 | | Disconnect from Server |
| TC183 | | Use non-standard library path |
| TC184 | | Backup Database (Client side) |
| TC185 | | Restore Database (Client side) |
| TC186 | | Backup Database (Server side) |
| TC187 | | Restore Database (Server Side) |
| TC188 | | Show Server Properties |
| TC189 | | Show Server Log |
| TC190 | | Limbo Transaction resolution |
| TC191 | | Show Database Online Status |
| TC192 | | Shutdown database |
| TC193 | | Start Database |
| TC194 | | Database Sweep |
| TC195 | | Add user |
| TC196 | | Modify user |
| TC197 | | Delete User |
| TC198 | | Validate Database |
| TC199 | | Online Validation |
| TC200 | | Show Database Stats |
| TC201 | | Activate Shadow |
| TC202 | | Set Async Mode |
| TC203 | | Set ReadOnly Mode |
| TC204 | | Set No Linger |
| TC205 | | Set SQL Dialect |
| TC206 | | Set Sweep Interval |
| TC200 | | Set Page Buffers |
| TC207 | | Services User List |
| TC208 | | Limbo Transactions List |
| | IPSOI Monitor | Monitor DBConnect |
| TC210 | IBSQLMonitor | |
| TC211 | | Monitor DB Disconnnect |

| TC212 | | Monitor Transaction |
|-------|--------------------|--|
| TC213 | | Monitor Prepare/Execute/Fetch |
| TC214 | | Monitor Service Attached |
| TC215 | | Monitor Service/Detach |
| TC216 | | Monitor Service Query |
| TC217 | | Monitor Service start |
| TC218 | | Use of Trace Flags |
| TC219 | | Monitor Separate Process |
| TC220 | IBSQLParser | Select Statement Parsing |
| TC221 | | Select with Union |
| TC222 | | Update Where Clause |
| TC223 | | Update Order By Clause |
| TC224 | IBCMLocalDBSupport | Open an Existing Personal Database |
| TC225 | | Create an new Personal Database |
| TC226 | | Create a database schema from a script |
| TC227 | | Create a Database Schema from a backup |
| TC228 | | Upgrade a Personal Database |
| TC229 | | Backup a Personal Database |
| TC230 | | Restore a personal Database |
| TC231 | | Downgrade a Personal DB to a backup |
| TC232 | IBJournal | Start Journaling |
| TC233 | | Stop Journaling |
| TC234 | | Playback |
| TC235 | | Print Journal |

| Coverage | Test 01 | Test 02 | Test 03 | Test 04 | Test 05 | Test 06 |
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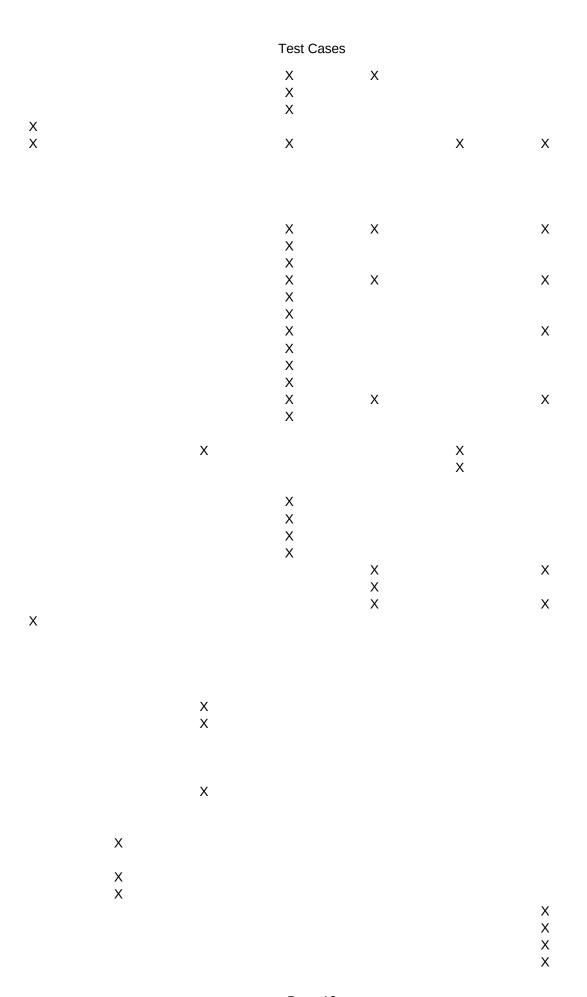
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