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	

Test Cases

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
TC16		Disconnect on Idle
TC17		Set Default SQL Security
TC18	TIBDatabaseInfo	Get Information
TC19		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

TC53		Save On Close
TC54		Set Parameter values before open
TC55		Parse and Update SQL before open
TC56		Read dataset rows unidirectional
TC57		Read Dataset rows bi-directional
TC58		Goto Bookmark
TC59		Locate – single field
TC60		Locate – multi filed
TC61		Lookup fields
TC62		Insert using generator (on new record)
TC63		Insert using generator (on post record)
TC64		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		Delete Returning
TC74		Very Large Datasets
TC75		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		Show Statistics
TC86		Client side Filtered Dataset
TC87		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		Delete Row
TC98	TIBStoredProc	Exec Procedure no parameters
TC99		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
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)
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
TC136		Read Time with time zone
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	IBExtract	Create Database
TC148		Create Domain
TC149		Create Table
TC150		Create View
TC151		Create Index
TC152		Create Trigger
TC153		Create Exception
TC154		Create Procedure
TC155		Create Sequence
TC156		Create Function (External)
TC157		Create Function (Internal)
TC158		Grants

Test Cases

TC159		Packages
TC160		SQL Security Role
TC161		Extract Data
TC162	IBXScript	Create Database
TC163		Disconnect from Database
TC164		Reconnect Statement
TC165		Drop Database
TC166		Execute DDL
TC167		Insert Data
TC168		Array Data
TC169		Blob (Binary) Data
TC170		SET Statement Processing
TC171		Use other Line Terminator
TC172		Select Statement with data Output to CSV
TC173		Select Statement with data Output to Insert Stmts
TC174		Select Statement with data Output to Text Block
TC175		Run Script from File
TC176		Unknown SET Statement
TC177		Stop On First Error
TC178		Continue after error
TC179	IBXServices	Connect to Server
TC180		Connect to Database's Server
TC181		Disconnect from Server
TC182		Use non-standard library path
TC183		Backup Database (Client side)
TC184		Restore Database (Client side)
TC185		Backup Database (Server side)
TC186		Restore Database (Server Side)
TC187		Show Server Properties
TC188		Show Server Log
TC189		Limbo Transaction resolution
TC190		Show Database Online Status
TC191		Shutdown database
TC192		Start Database
TC193		Database Sweep
TC194		Add user
TC195		Modify user
TC196		Delete User
TC197		Validate Database
TC198		Online Validation
TC199		Show Database Stats
TC200		Activate Shadow
TC201		Set Async Mode
TC202		Set ReadOnly Mode
TC203		Set No Linger
TC204		Set SQL Dialect
TC205		Set Sweep Interval
TC206		Set Page Buffers
TC207		Services User List
TC208		Limbo Transactions List
TC209	IBSQLMonitor	Monitor DBConnect
TC210		Monitor DB Disconnnect
TC211		Monitor Transaction

Test Cases

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

Test Cases

Coverage	Test 01	Test 02	Test 03	Test 04	Test 05	Test 06
26	X	X	X	X	X	X
22	X	X	X	X	X	X
6	X					
8				X		
8		X			X	X
17		X		X	X	X
16	X	X	X	X	X	X
25	X	X	X	X	X	X
1			X			
1		X				
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5				X	X	
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2			X			
1			X			
3		X		X		X
12	X	X	X			
16		X		X	X	X
21	X	X	X	X	X	X
5				X		
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17	X		X	X	X	
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12	X		X			
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Test Cases

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Test Cases

Test 07	Test 08	Test 09	Test 10	Test 11	Test 12	Test 13
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Test Cases

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Test Cases

Test 14	Test 15	Test 16	Test 17	Test 18	Test 19	Test 20
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Test Cases

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Test Cases

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Page 22

Test Cases

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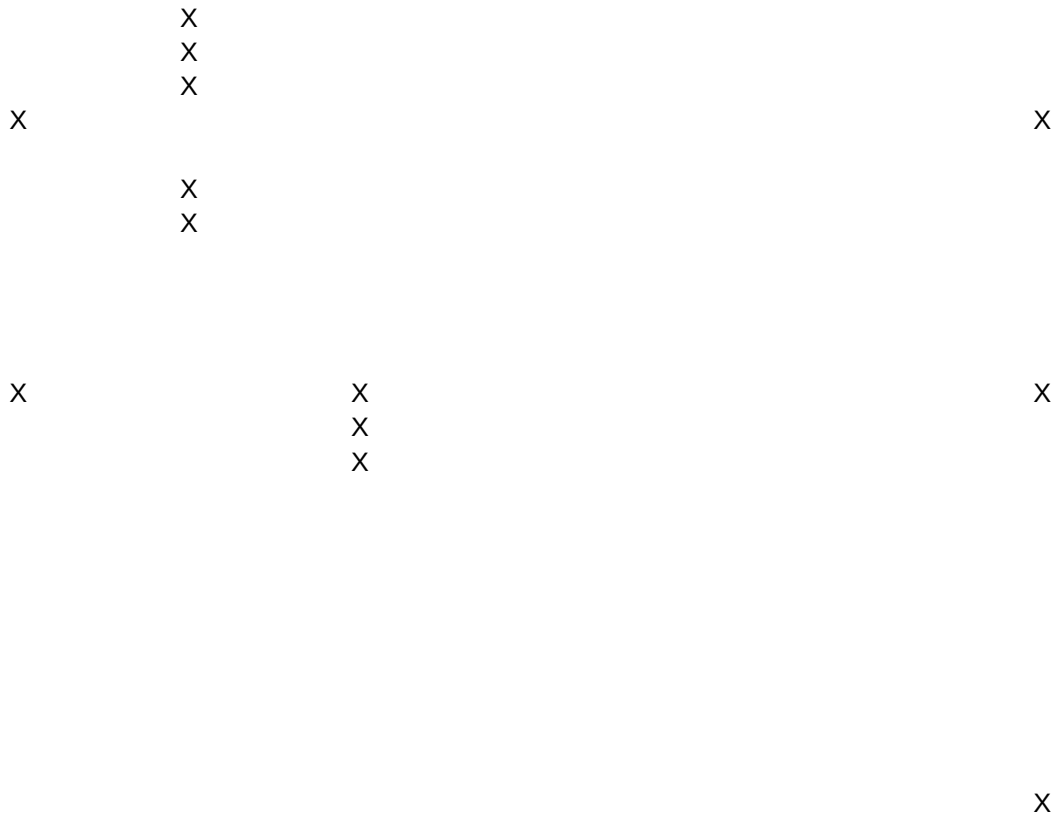   X
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