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What's New In OpenText Gupta SQLBase 12.2

Features and Benefits of SQLBase 12.2

July, 2019 | Martin Teetz, Product Marketing Manager



- Features & benefits of SQLBase 12.2
 - Easy maintenance, SQL testing and data maintenance: Much enhanced SQLTalk Plus
 - ♦ SQL language enhancements
 - Cross platform .NET Core application support
 - New Server console
- SQLBase 12.2 demo
- Q&A

Easy server maintenance, SQL testing and data maintenance: Much enhanced SQLTalk Plus

SQLBase 12.2

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- One place for all things SQLBase
- Server and database maintenance
 - Task scheduling
 - Database auditing
 - Server, database and user statistics
 - Server process activity log
- SQL testing and scripting

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114	Amazon Apparel 3	30 Harbour Road	Kowloon		2.200							



- Schedule and maintain database maintenance tasks
- Based on
 Windows Task
 Scheduler
- No SQLBase task service or task database needed

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 Detect performance bottlenecks, database issues and find solutions

SERVER1: Audit Options

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Audit Types

1	Types		Description		
~	Rejected logo	ns	Records uns	uccessful login	attempts. Useful to
1	Security violat	ions	Tells you if a	user tried to a	ccess data without p
~	Valid logons/l	ogoffs	Records all v	alid logons, te	lling you when a use
~	Valid connects	/disconnect	Records COI	NECT and DIS	CONNECT statemer
~	Database ope	rations	Records CRE	ATE DATABASE	, DROP DATABASE, I
-	Recovery oper	rations	Records all F	OLLBACK com	imands.
~	Backup/Resto	re operation	Records all E	ACKUP and RE	STORE commands.
1	Deadlocks, tin	neouts	Records info	rmation about	deadlocks and time
1	Table queries		Tells which u	sers accessed	which tables.
~	Table updates	/inserts	Records data	abase manipula	ation language com
~	Connects/Disc	connects per	Tells how lor	ng it takes user	s to connect to and
~	SQL perf		Tells you how	w much time S	QLBase takes to com
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<	117				>
Outp	out Directory:				+++
Max	Records:	1000 拿		Max Old	Logs: 1 🖨
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SQLTalk Plus Server, Database and User Statistics

- Server Information
 - Connections
 - Statistics
- Database Information
 - Cursors
 - Statistics
 - Processes
- Easy to switch between info windows
- Statistics are being displayed in the Properties sub-window

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- View server activity log from inside SQLTalk Plus
- No need to start Server Console to see what is going on at the server

Home	View Data Se	erver Console									
g Level Level 4 Toggle Timestamp Wrap Text Display	P										
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Output* Grid Results

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Language enhancements and new functions

SQLBase 12.2

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- Return a value based on the evaluation of a boolean expression
- @ifbool(Boolean expression, true value, false value)

SELECT group_val, @ifbool(COUNT(*) > 2, 'big', 'small') FROM testif2 GROUP BY group_val;

SELECT group_val, @ifbool(@ifbool(COUNT(*) > 2, 'big', 'small') = 'big', 'true', 'false') FROM testif2 GROUP BY group_val;

SELECT num_val, @ifbool(EXISTS (SELECT * FROM testif WHERE testif.num_val = testif2.num_val), 'true', 'false') FROM testif2; SELECT num_val, @ifbool(testif2.num_val = any (SELECT num_val FROM testif), 'true', 'false') FROM testif2; SELECT num_val, @ifbool(testif2.num_val <> ALL (SELECT num_val FROM testif), 'true', 'false') FROM testif2;

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- @isnumeric(string)
- Returns 0 if not a number
- Returns 1 if a string is a number value

SELECT ch, @ISNUMERIC(ch), vch, @ISNUMERIC(vch), nch, @ISNUMERIC(nch), nvch, @ISNUMERIC(nvch), DEC, @ISNUMERIC(DEC), flt, @ISNUMERIC(flt), INT, @ISNUMERIC(INT), num, @ISNUMERIC(num), sint, @ISNUMERIC(sint), dt, @ISNUMERIC(dt), dttm, @ISNUMERIC(num), sint, @ISNUMERIC(sint), tstp, @ISNUMERIC(dt), dttm, @ISNUMERIC(dttm), tm, @ISNUMERIC(tm), tstp, @ISNUMERIC(tstp), lvch, @ISNUMERIC(lvch) FROM sqlb2568_alltypes

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- Return a subset of the result set starting at <offset> for <limit> rows
- Limit <offset>,<limit>

SELECT * FROM COMPANY LIMIT 5,5

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 @substring and @mid functions now work with Long Varchar and Long Nvarchar data types

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.NET Standard Data Provider

SQLBase 12.2

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- Works with all .NET implementations
 - .NET framework
 - .NET Core
- Access SQLBase from .NET Core applications
- .NET Core applications can run on Linux, macOS, and Windows
- For example ASP.NET Core Web applications







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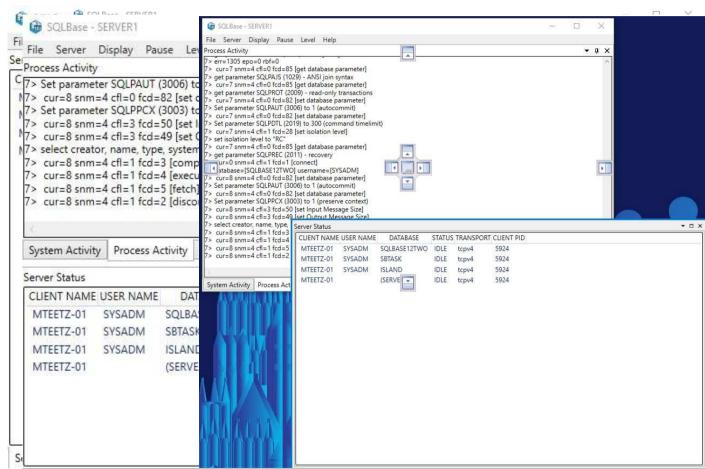
New Server Console

SQLBase 12.2

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- Modern easy to use tab based interface
- Quickly switch between tabs to see what you are looking for
- Dock windows anywhere
- Free float windows



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• Live demo

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Thank you



#SQLBase #SQL #database

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