OpenText Gupta SQLBase 12.2

#lowTCO #embeddable #database for #Windows and #Linux

November 2019, Martin Teetz
SQLBase 12.2 Agenda

- **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
SQLTalk Plus Overview

• One place for all things SQLBase
• Modern MDI interface, updated technology
• Server and database maintenance
  ◦ Task scheduling
  ◦ Database auditing
  ◦ Server, database and user statistics
  ◦ Server process activity log
• SQL testing and scripting
• Grid data editing
SQLTalk Plus Task Scheduling

• Schedule and maintain database maintenance tasks
• Based on Windows Task Scheduler
• No SQLBase task service or task database needed
Windows Task Execution Issue Notification

• Schedule a task in Windows Task Scheduler to get notified on errors
SQLTalk Plus Database Auditing

- Detect performance bottlenecks, database issues and find solutions
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
Server Process Activity Log

• View server activity log from inside SQLTalk Plus
• No need to start Server Console to see what is going on at the server
Language enhancements and new functions

SQLBase 12.2
Ifbool Value Selector Function

• Return a value based on the evaluation of a boolean expression
• @ifbool( Boolean expression, true value, false value)
Function to tell if a string is numeric

• `@isnumeric(string)`
• Returns 0 if not a number
• Returns 1 if a string is a number value
Substring and mid for long datatype

- `@substring` and `@mid` functions now work with Long Varchar and Long Nvarchar data types
Limit and Offset

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

SELECT * FROM COMPANY LIMIT 5,5
Demo SQL and SQL Functions

@ifbool()

@isnumeric()

@substring and @mid with long columns

Select offset and limit
.NET Standard Data Provider

SQLBase 12.2
New .NET Standard Driver

- 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
Demo .NET Core

- Visual Studio Code on Linux (CentOS)
- MVC web app to access SQLBase
New Server Console

SQLBase 12.2
New Server Console

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

Live demo
Q&A

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