opentext™

OpenText Gupta Team Developer

Release Notes

7.3.5

Product Released: 2021-08-26

Release Notes Revised: 2021-08-17

Contents

1 Introduction

These Release Notes provide an overview of Gupta Team Developer 7.3.5, including new features, delivery information, and supported platforms.

OpenText recommends that you read these Release Notes in conjunction with the documentation included with the software package. If any conflicts exist, the Release Notes supersede the other documentation.

We also recommend that you check OpenText My Support (https://support.opentext.com) for any patches or documentation updates that may have been posted after the initial release of this product.

1.1 Release Notes revision history

Revision date	Sections revised	Description of revisions
2021-8-11	First release.	All new content.

2 About Gupta Team Developer

This section provides an overview of Gupta Team Developer 7.3.5.

Team Developer 7.3.5 is the fifth quality improvement release for Team Developer 7.3.

2.1 New features

Gupta Team Developer 7.3.5 includes the following new features.

2.1.1 New IDE features

TD 7.3.5 now assumes that text application file saved with TD 7.2 and later version uses UTF8 encoding if application file does not have BOM (Byte Order Mark) even though "Use UTF-8 Encoding For Read" option is not set.

2.1.2 SAL API

- SalGridDataExportEx now sets column width when exporting to Excel. You can also set column width and row height to fit its contents by specifying EXPORT_AutoFitColumns and/or EXPORT_AutoFitRows flag.
- New SAL functions, SalDateAddDay and SalDateMonthEnd, are added. These are equivalent functions with DateAddDay and DateMonthEnd Report Builder formulas.
- New SAL function, SalGetVersionEx, is added to get full version information.
- You can now stop to show default tooltip (cell content string) for grid cell by returning FALSE from SAM_DisplayToolTip event.
- Picture format value for hours, hh and hhhh, now always shows leading 0. h and hhh suppress leading 0.   h : 1-12, hh : 01-12, hhh : 0-24, hhhh : 00-24

2.1.3   User Interface

Forms and dialogs that have Anchoring Enabled set to Yes no longer have scrollbars added when the size is adjusted smaller.

2.1.4   Report Builder

Field with static text was handled similar to background text and not shown if Suppress Line Spacing was enabled. You can now specify new report option, RPT_ShowSimpleField, for SalReportPrint* and SalReportView to show such fields

2.2   Discontinued and deprecated features

The following features have been discontinued in this release:

- No discontinued features.

The following features have been deprecated in this release:

- No deprecated features.

3   Packaging and documentation

Downloads and documentation for Gupta Team Developer are available on OpenText My Support (https://support.opentext.com).

> **Note**
>
> Documentation that is installed with the product or packaged with the product download is current at the time of release. Documentation updates made after a release are available for download on OpenText My Support (https://support.opentext.com).

3.1   Packaging and delivery information

The software and documentation for Gupta Team Developer includes:

- TDSetup-7.3.5-x86.exe (32bit Installation program)
- TDSetup-7.3.5-x64.exe (64bit IDE installation program)
- Deploy-7.3.5-x86.exe (32bit deployment installer)
- Deploy-7.3.5-x64.exe (64bit deployment installer)
- TDSamples-7.3.5-x86.exe (32bit samples installer)
- TDSamples-7.3.5-x64.exe (64bit samples installer)
- TD New and Changed Features.pdf
- TD Report Builder New and Changed Features.pdf
- TD Installation Guide.pdf
- TD .NET Projects.pdf
- TD API Reference Guide.pdf
- TD Calling .NET Assemblies.pdf
- TD Connecting SQLWindows Objects to Databases.pdf

- TD Developing with SQLWindows.pdf
- TD Dynamically Load XAML Resource Dictionary.pdf
- TD Guide to Writing Web Service Client Applications.pdf
- TD Introducing Team Developer.pdf
- TD Localizing and Customizing SQLWindows Applications.pdf
- TD Managing Teams and Objects with Team Object Manager.pdf
- TD Moving Dynamic Libraries to NET SAL Libraries.pdf
- TD Named Toolbar Extensions.pdf
- TD NET 64-bit Compilation Support.pdf
- TD New Controls Demonstration.pdf
- TD Progress Bar Alternative for cMeter.pdf
- TD Ribbon Menu.pdf
- TD Team Developer & Web Services.pdf
- TD Using & Extending QuickObjects.pdf
- TD Visual Toolchest Class Library.pdf
- TD Web Reporting Guide.pdf
- TD WPF Container & Controls.pdf
- TD Your First .NET-WPF Application.pdf

3.2   Related documentation

The following list contains product information about Gupta Team Developer as well as documents that contain information about supporting or related products.

- https://knowledge.opentext.com/knowledge/cs.dll/Open/62171711

4   Supported environments and compatibility

This section provides details about supported platforms, systems, and versions.

4.1   Supported systems

Processor	x64 Processor, 1.4GHZ or better
Memory	2GB or greater
Operating System	Windows 10, 8.1 Windows Server 2019, 2016, 2012 R2
.NET Framework	4.5+
Databases Win32	SQLBase 12.2, SQLBase 12.1, SQLBase 12.0, SQLBase 11.7, SQLBase 11.6 (using 11.7 drivers) Oracle 11g R2, 12c, 18c, 19c

	Microsoft SQL Server 2008, 2012, 2014, 2016, 2017
	SAP ASE 16.0 (Sybase)
	Informix 10, 11, 12.1 (32 bit client)
	OLE DB (32 bit version)
	ODBC (32 bit version)
Databases Win64	SQLBase 12.2, 12.1, 12.0, 11.7, 11.6 (using 11.7 drivers)
	Oracle 11g R2, 12c, 18c, 19c
	Microsoft SQL Server 2008, 2012, 2014, 2016, 2017
	SAP ASE 16.0 (Sybase)
	Informix 10, 11, 12.1 (64 bit client)
	OLE DB (64 bit version)
	ODBC (64 bit version)
Databases .NET	SQLBase 12.2, 12.1, 12.0, 11.7, 11.6 (using 11.7 drivers)
	Oracle 11g R2 (32 bit client) connecting to Oracle 10g or 11g
	Oracle 12c, 18c, 19c
	Microsoft SQL Server 2008, 2012, 2014, 2016, 2017
	SAP ASE 16.0 (Sybase)
	OLE DB (32 bit version)
	ODBC (32 bit version)
Team Object Manager (TOM)	TOM supports SQLBase databases only.
	SQLBase 12.2, 12.1, 12.0, 11.7, 11.6 (using 11.7 drivers)

4.2   OpenText product compatibility

The section provides details about which versions of other OpenText products are compatible with this release of Gupta Team Developer 7.3.5.

📄 Note

For the latest compatibility information for OpenText products, refer to the Compatibility Matrix (https://knowledge.opentext.com/go/matrix) on OpenText My Support.

Product name	Version	Notes
OpenText Gupta SQLBase	11.6, 11.7, 12.0, 12.1, 12.2	
OpenText Gupta Report Builder	7.3	
OpenText Gupta Q	1.0.1	

4.3   Language support

Gupta Team Developer is currently localized in the following languages. Additional languages may be available in future releases.

Component	Languages							
	EN	DE	JA	FR	IT	ZH	ES	RU
SQLWindows	B							
.NET Explorer/.NET Explorer (x64)	B							
Connectivity Administrator	B							
DBPipe Server Desktop	B							
Deployer 7.3	B							
Grid Migration Wizard 7.3	B							
Migration Wizard 7.3	B							
Object Nationalizer 7.3	B							
Quick Tabs Migration Wizard 7.3	B							
Report Builder 7.3	B							
Report Designer	B	UI	UI				UI	
Repository Setup Wizard 7.3	B							
SQLTalk Interactive SQL 7.3	B							
SQLTalk Plus 12.2								

UI = user interface only
B = both user interface and online help

5   Fixed issues

This section provides information about past issues that have been fixed in this release.

Issue	Summary
TD-25611	The length of datetime millisecond returned is different in TD and SQLServer database
TD-25654	WM-KEYDOWN is not seen in a grid column
TD-25659	Request to add functions to get the next day(not just the current day) from a given date and last day of a month from a given date
TD-25662	Catch Sql error in background thread
TD-25664	"Internal Error has become invalid" when calling a x64 TD COM DLL using XMLLIB from a .NET C# application
TD-25665	Overload in derived Class in a specific scenario not functional in .NET but fine in WIN32
TD-25666	Touch Screen Scroll issue
TD-25668	Enhance SalGridDataExportEx()to allow exported GRID data to fit cells contents when exporting to Excel
TD-25673	Incorrect behavior and rendering of TD Edit Controls when applying WS_DISABLED style using VisWinSetStyle() or WINAPI SetWindowLong()
TD-25674	Data field format without century
TD-25686	Provide Hungary (HU) localization for SalMessageBox()
TD-25688	Provide a way to disable default Tooltips in Grid columns
TD-25689	Make Sybase default password encryption mode to 2.
TD-25692	Crash with long password
TD-25697	The function VisFileCopy() fails when copying a file.
TD-25700	An error "Couldn`t locate include file: filename.apl" occurs after upgrade from 7.3.3 to 7.3.4

Issue	Summary
TD-25719	An error "Internal Memory has become invalid" occurs when using SqlINI variable to access SQL.INI file
TD-25720	.NET issues with graphs
TD-25724	Problems with resizable windows in TD 7.3.4
TD-25725	VisualToolchest listbox ignores when anchoring feature enabled
TD-25728	ACA does not show child objects if they are created in mdi child windows
TD-25729	Gail (Win32) multiple defects and issues and proposed fixes in GAILBASE.APL
TD-25730	Internal memory has become invalid" error might appear. / or Error: ByRef value type parameter cannot be null
TD-25731	Changing behavior of TD-25270 shows line having field with static text.
TD-25733	ODBC router: Failing to connect to SQLSERVER when using the connection string feature
TD-25734	GAIL: String datatype: whitespaces are removed (in and out)
TD-25735	Gail : Return/out of string=NULL does not work
TD-25736	GAIL APL interface: __Base_Constructor_Overload2 might crash an application due to the assumption the requested assembly is in the current directory
TD-25737	GAIL: Some base C# datatypes do not work while code is generated and other similar datatypes do work
TD-25738	GAIL: Passing and receiving object arrays fails
TD-25739	GAIL: Binary datatypes fail
TD-25740	GAIL: Passing and returning enum types fail
TD-25741	GAIL: Improve Error handling on __Base_Constructor_Overload1 and 2
TD-25742	.NET Explorer generates wrong code for passing an array of objects

Issue	Summary
TD-25743	Problems with Anchoring feature
TD-25749	Clicking Messages Tab of Properties window crashes the application
TD-25752	SalJSONSerializeUDV returns an comma instead of a dot for number decimal values
TD-25755	Memory leak when printing
TD-25757	SalSetWindowSize in SAM_Create does not affect to anchoring
TD-25760	Update embedded SQLBase version to 12.2.2 for TD 7.3.5
TD-25761	VisFileCopy( ) failure when copying file without fully qualified path source / destination (in current directory)
TD-25762	SalTblQueryColumnPos reports wrong position
TD-25763	Multiple calls of SalReportPrintToFileEx lead to specific crash
TD-25767	Object Nationalizer is not working for text menu items
TD-25768	Cannot use application built with 7.3.3. Not showing wmf image on report
TD-25769	When creating a .NET form, getting an error thrown - Set connectionid threw an exception
TD-25771	Getting Many Application crashes as we test application
TD-25774	Exported Excel file by SalGridDataExportEx does not have Left Justify property.
TD-25775	Probelm with SalXMLDeserializeUDV last Parameter (nSchema)
TD-25778	Wrong item focus/position when inserting a new line in the outline
TD-25779	WIN32 Application hang when calling SalXMLDeserializeUDV() in a specific scenario
TD-25781	Incorrect update of the Grid display when changing the size
TD-25785	Different behaviour with option buttons in Win app and .NET app

Issue	Summary
TD-25788	ConvertTD needs to keep original file format such as Indented Text format and character encoding.
TD-25798	VisFileAppend() fails when appending file(s)
TD-25799	Incorrect evaluation of Boolean expression with .NET
TD-25801	SalNavAssociateChild issue with Controls
TD-25809	Issue with SAM_AnyEdit
TD-25810	Regression: SalXMLSerializeUDV
TD-25811	Watermark not displaying in ReportBuilder
TD-25812	calculating a value * 100 gives rounded value
TD-25813	Sybase Client 15.7 - Varchar(500) error. Using TD 7.3.4 with Sybase Client 12.5 the problem not happened
TD-25814	Tree control in Nav Bar Pane displays incorrectly
TD-25815	Horizontal Scroll displays with TD 7.4 but not with TD 7.3.4 and below
TD-25817	Sybase 3.0 and 7.3.4 difference (DateTime/String)
TD-25819	Painting issue only in IDE when scrolling through a complex busy form with many objects in a TABBAR control
TD-25820	Revision number for AssemblyVersion should be less 65533. Use 0 always instead.
TD-25822	SalFileGetDateTime returns incorrect timestamp and returns false when doc is opened in MS word
TD-25826	">=" Returning Operand Comparison Error in .NET application
TD-25828	Error in Grid edit mode
TD-25830	"SalQuit" does not work under message "SAM_SqlError" running in WPF

Issue	Summary
TD-25831	Report Builder - Conditional Display for watermark does not show formula when opening it for the next time
TD-25833	No focus on data field when pressing ALT-D (Windows mnemonic) and this from Grid cell in edit mode
TD-25834	Incorrect calculation result after fix of TD-25812
TD-25838	Object Nationalizer Grid translation Issue
TD-25839	"Internal memory had become invalid" error when using SalMail to fetch email via IMAP against office365 server
TD-25841	Team Developer Child Grid
TD-25843	CLONE - Incorrect calculation result after fix of TD-25812
TD-25845	A problem occurs in the customer's premise when generating XML string using german anlauts encoding.
TD-25847	SalNumberRound does not work properly with negative values
TD-25852	Ctrl+Key menu shortcuts not working when focus is in gridcell
TD-25854	TD crashes after executing a sql statement in a background worker thread
TD-25858	Checkbox titles are not redrawn
TD-25861	Issues in exception handling in GAIL Wrapper code
TD-25863	"Incorrect Content-Type: must be textual to extract_string, JSON to extract_json." when POSTING to a SERVICE using SalJSONSerializeUDV/Ex()
TD-25865	Without any error message the UI getting closed on click of table row
TD-25866	Navigating through controls using the TAB key no longer works in a specific scenario
TD-25867	Problem with Static declaration of myLongBindInfo in class SqlHandle while using SqlHandles in a multi-thread environment
TD-25868	Inability to rethrow an SQLError in a .NET dll

Issue	Summary
TD-25869	SAM_Validate does not get triggered when using TAB in a GRID cell
TD-25870	ChartType_HorizontalRangeBar does not return hitpoint using cQuickGraph
TD-25872	Anchoring not working in specific scenarios
TD-25879	Active Data - SQLComparator.apt has one fail
TD-25882	Delay in Buttons refresh while using Ribbon Bar with SalRibbonSetItemEnabled on SAM_TabChange
TD-25883	After upgrading Windows 10 from 1909 to 20H2, VisDosNetConnect stopped working
TD-25890	Round off difference in Sqlserver and TD
TD-25891	Anchoring not functional depending on the font size set on the form and only when a form uses a TABBAR control
TD-25895	wm_paste return false cancels paste on child table column
TD-25899	Repository Setup Wizard not Connecting to SQLBase Server1
TD-25901	Anchor not functional when Minimize/maximize an MDI child window
TD-25903	Provide anchoring support for the Visual Toolchest controls
TD-25904	New Sal function to return the complete version currently running
TD-25909	TD runtime doesn't honor the custom version string "Disable_DPI_Awareness" anymore
TD-25912	SalFmtSetPicture doesn't default to system settings with invalid pic
TD-25914	TD crash when invoking 3rd party VARCHART XGantt 5.2 methods
TD-25915	Ribbon items become all selected when mouse cursor moved over those items
TD-25916	Run Fortify scan for 7.3.5 and resolve all issue found by Fortify.

TD-25917	MDI - No vertical scroll bars displayed
TD-25918	Invalid Application error while trying to compile application file
TD-25927	Problem with VisFileCopy and SalFileCopy
TD-25929	CLONE - SalTblQueryColumnPos reports wrong position
TD-25931	SalGridDataExportEx only creates Excel file Once
TD-25939	Is it possible to open old version(4.1) cqt in latest TD version 7.3.4
TD-25943	Combobox Painting Issue
TD-25946	OpenSSL - CVE-2021-3449 (+3)
TD-25947	CLONE - SalFmtFormatDateTime result depend on Windows control panel "Long Time" setting
TD-25948	While using two threads SQLBase data provider throws various error messages in multi-threaded application
TD-25951	An application built with TD7.3 contains a reference to a debug file F:\TD_73\dllrelu\launchsw.pdb
TD-25952	SQL Server error 242:"The conversion of a char data type to a datetime data type resulted in an out-of-range datetime value" when using bind variable
TD-25955	Issues when using multi-thread with OLEDB driver, but ODBC works fine.
TD-25960	Problem with SalJsonSerializeUDV
TD-25966	SAM_Click Triggered on ComboBox with Enter Key
TD-25969	Attempting to change DATE/TIME format on Report Builder field is not effective when using the x64 version.
TD-25973	SqlFetchtester fails for Oracle 12/19c
TD-25974	Missing checkbox when you resize the Dialog Box

6 Contact information

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For more information, visit www.opentext.com