

OpenText Gupta Team Developer

Release Notes

7.5.3

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1 Introduction

These Release Notes provide an overview of Gupta Team Developer 7.5.3, 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
2024-10-31	First release.	All new content.

2 About Gupta Team Developer

This section provides an overview of Gupta Team Developer 7.5.3.

This is Service Pack 3 for Gupta Team Developer 7.5

2.1 New features

Gupta Team Developer 7.5.3 includes the following new features.

2.1.1 IDE features

- You can show ACA Quick Info for a function where input cursor is located by pressing Ctrl+Shift+Space.
- Modified Help - About SQLWindows dialog to show GIT revision as Build number like as follows. "Version 7.5.3 Build 680ff00f2f"

2.1.2 Sal API

- Modify SalStrLength to be the same behavior with SalStrCharLength.
- Add SalStrUni functions such as SalStrUniLength, SalStrUniLeft, SalStrUniLeftX, SalStrUniMid, SalStrUniMidX, SalStrUniRight, SalStrUniRightX and SalStrUniScan. SalStrUni function does not handle surrogate pair and combining characters as single character. This is the same behavior with old TD releases (TD 7.0 and previous).
- Modified SalFile functions to support UTF-16BE encoding. You can specify OF_UTF16BE flag for SalFileOpen to write UTF-16BE encoding text.
- Enable SalFileRead/SalFileWrite/SalFileGetStr/SalFileGetStrEx to specify negative number to read/write unlimited size of data.
- Modified SalNavAssociateChild to accept negative number as group index to specified "ungrouped" group when a pane has one of more group separator(s).

- Modified SalTblSetTableFlags to support TBL_Flag_ShowGridlines flag only for grid to show grid lines for empty cells like as table window.
- New SAL function, SallsBackgroundWorker, is added to determine whether current SAL code block is executed in Background Worker thread.
- New SAL function, SalWindowGetTabPageIndex, is added. It gets the window handle of Tab Bar and the index of Tab Page where specified control resides.
- Modified SalMessageBox to be shown at center of calling form/dialog. It was shown at center of parent form if it is called from modeless dialog.
- New SAL function, SqlGetErrorEx, is added to get full text of error message, native error code and SQLSTATE. Error message returned from SqlGetError and SqlGetErrorText has 255 characters limit. Currently this works only for OLEDB and ODBC connections.
- Modified OdrExecuteProc to call OdrPrepareProc internally to support bind variables.

2.1.3 .NET features

- Modified .NET compiler to ignore menu items for .Net Class Library and .Net Web Service build types to avoid .NET compilation error.
- Made SqlConnectEx available for .NET.

2.1.4 SalMail

- SetProtocolLogger function is added to SalMail class to enable logging communication between mail server and client.

2.1.5 CDK functionality

- CDKGetWindowAttribute internal function is added to CDK.apl to get the attribute of specified Window control.
- Copy method is added to cdkActionBlock class (CDK.apl) to copy all statements of source action block to destination action block.

2.1.6 DotNetExplorer (GAIL)

- Add SetAssemblyFolder function to Unify_TD_GAIL_CNETBase to set folder loading specified assembly.
- Enabled .NET Explorer to generate proxy code for methods using Nullable parameters and array for known data types.

2.1.7 Trace Viewer

- Modified profiling output file (*.trc) to have timestamp information at each line for entry point. TraceViewer is also modified to handle this timestamp information.
- TraceViewer is enhanced to support following new functionalities.
 - Enable to copy value in selected cell but not allowed to select part of cell value.
 - Enable to find node containing specified string in Action column.

2.1.8 Report Builder

- Format Input Items and Format Variables dialog have new buttons to move the input items and variables to first and last position.

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>).

3.1 Packaging and delivery information

The software and documentation for Gupta Team Developer includes:

- TDSetup-7.5.3-x86.exe (32bit Installation program)
- TDSetup-7.5.3-x64.exe (64bit IDE installation program)
- Deploy-7.5.3-x86.exe (32bit deployment installer)
- Deploy-7.5.3-x64.exe (64bit deployment installer)
- TDSamples-7.5.3-x86.exe (32bit samples installer)
- TDSamples-7.5.3-x64.exe (64bit samples installer)

3.2 Related documentation

For additional information about Gupta Team Developer, or for supplemental information about related products, refer to the following documents, which are available on OpenText My Support (<https://support.opentext.com>).

The documentation for Gupta Team Developer includes:

- 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

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 11, 10 Windows Server 2022, 2019, 2016, 2012 R2
.NET Framework	4.7.2+
Databases Win32	SQLBase 12.3, 12.2, 12.1, 12.0, 11.7, 11.6 (using 11.7 drivers) Oracle 11g R2, 12c, 18c, 19c, 23c Microsoft SQL Server 2014, 2016, 2017, 2019, 2022 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 12.3, 12.2, 12.1, 12.0, 11.7, 11.6 (using 11.7 drivers) Oracle 11g R2, 12c, 18c, 19c, 23c Microsoft SQL Server 2014, 2016, 2017, 2019, 2022 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 12.3, 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, 22c Microsoft SQL Server 2014, 2016, 2017, 2019, 2022 SAP ASE 16.0 (Sybase) OLE DB (32 bit version) ODBC (32 bit version)
Team Object Manager (TOM)	TOM supports SQLBase databases only. SQLBase 12.3, 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 7.5.3.

 **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	12.2, 12.3	
OpenText Gupta Report Builder	7.5.3	
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		UI					
.NET Explorer/.NET Explorer (x64)	B							
Connectivity Administrator	B							
DBPipe Server Desktop	B							
Deployer 7.5	B							
Grid Migration Wizard 7.5	B							
Migration Wizard 7.5	B							
Object Nationalizer 7.5	B		UI					
Quick Tabs Migration Wizard 7.5	B							
Report Builder 7.5	B		UI					
Report Designer	B	UI	UI				UI	
Repository Setup Wizard 7.5	B							
SQLTalk Interactive SQL 7.5	B		UI					
SQLTalk Plus 12.3	B		UI					

UI = user interface only

B = both user interface and online help

5 Installation and upgrade notes

This section provides additional installation and upgrade information, including related or third-party product information and any required critical patches.

5.1 Installation notes

Before you install Gupta Team Developer, review these additional installation notes and verify related product or third-party product requirements.

You need to install Gupta Team Developer having local Administrator rights on the installation computer to make sure all components can be installed and registered correctly.

5.2 Upgrade notes

Before you upgrade, review these instructions.

- You can install Gupta Team Developer 7.5.3 only if you have an existing installation of Gupta Team Developer 7.5, 7.5.1 or 7.5.2.

6 Fixed issues

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

ID	Summary
80222	Form is messed up. Top Bottom Separator is missing
81343	SQLBASE .NET SQL ERROR when using a select with where clause using @SCAN() with bind variable on a LONG VARCHAR data type
81345	QuickHTML no longer supports URL without the HTTP(S) protocol
81351	apache/xerces-c - CVE-2024-23807 (+1)
81357	libgit2 - CVE-2024-24577
81360	Windows Installer XML (WiX) toolset - CVE-2024-24810 (+1)
81381	Incorrect painting of a Grid Window's summary bar if tool bar position is set to Bottom
82135	Windows Installer XML (WiX) toolset - CVE-2024-29187 (+3)
82139	OCX control in a cQuickTab page is no longer visible after switching Tab Page and returning to the page containing the OCX.
82148	Validation problem in the grid
82152	OpenSSL - CVE-2024-0727 (+1)
82154	SalDateWeekNumber() crashing TD when using dates before January /5/1970
301144	OpenSSL - BDSA-2024-3135
382281	GAIL generated function(s) uses the same payload variable as input and output parameter and may return incorrect output value
382282	GAIL "unsupported datatype" error when passing a NULL numeric/boolean value
383152	.NET SalStrMidX () incorrect Unicode string extraction
383153	Unable to print messages from the server when using SQLServer Or raiserror('hello',0,1)
383154	GAIL does not check for NULL value when a method returns a NULL value for numeric and boolean datatypes
549836	SalNetCompileAndEvaluate() evaluating overloaded function with variable no longer works

549852	GAIL: Methods using classobject from another assembly fail to execute
550756	IDE Crash when clicking empty cell in output dialog
746696	'Scrollbar for RTF-object not working with SalRTFDocumentInsert'
747448	Maximum SQL statement length
840773	Painting issue, TD 7.5.2, bring a Table Window to top, then hide the table window, leaves any combo box(es) that were covered by the table window highlighted.
990246	Incorrect result returned by SalStrRightX()
992973	Calling SalReportPrint() application crash since MS KB5039212 (Windows 11)/KB5039211 (Windows 10)
1014733	SalNetCompileAndEvaluate() Error 2 when evaluating overload function with receive parameter(s)
1016108	Can't set focus to textbox in qckwax (WebView2) control
1037022	PDF footer overlapping issue when generating PDF on a machine with 100% scaling (> is fine)
1037128	Components flickering when using XML SKIN
1067386	Error in GAILBase.apl
1275864	Regression using SqlPrepare + SqlExecute in .NET
1575853	Unconsistent behaviour when accessing simple vs. UDV instance variables of dialogbox class in its child table window
1937816	When the form window is resized, the Combo Box is abnormally painted with blue color
1938713	edit flag not set correctly on table column with type "CheckBox"
1939257	Painting issue: after maximized form
1941590	How to migrate from SybExcuteProc to OdrExecuteProc
1943014	Error in multi-step OLE DB operation
1943429	SalTblKillEdit() removes the edit flag
1968269	Issue while Copy/Paste inserting CR
2008010	Scaling of controls in a Tab Bar page not effective on initial entry
2268265	Text color in table window is lost after SalTblSortRows
2321569	SalMessageBox - Modal vs Modalless dialog
2339268	When Clicked on Preview button, the applications hang (cursor keep spinning)
2345234	PreviewExpected image missing text

2382533	cQuickHTML is not working when we use it into a QuickTabs
2397163	The form missing buttons and Checkbox
2442152	A paste into a multiline text field does not currently support a line feed only character
2503181	Chart/Graph Change the Format from
2523887	OpenSSL - CVE-2024-2511 (+1)
2523895	Windows Installer XML (WiX) toolset - CVE-2024-29187 (+3)
2524586	apache/xerces-c - CVE-2018-1311 (+1)
2524672	MimeKit - BDSA-2024-4297
2525534	libgit2 - CVE-2024-24577
2525539	Windows Installer XML (WiX) toolset - CVE-2024-24810 (+1)
2525586	OpenSSL - BDSA-2024-3135
2529946	Resizing editable listboxes highlights the text
2745945	SqlSetLockTimeout() does not seem to work with .NET
2749313	Strange Behavior During SAM_KillFocus in TD 7.5 while call SalMessageBox or Dialog form
2757020	Menu Item in an MDI windows appear enable
2849219	OpenSSL - CVE-2024-6119 (+1)
2849231	Function CGRE_ReportAttachGroup(hReport, CGRE_GT_Page) Return 0 – Value
2850337	Problem in the divider between column headers
2979146	Retrieve the coordinates of a window and use these coordinates for the next creation of window
2983336	Incorrect value returned from a GRID cell when double-clicking on a cell partially visible at the bottom of the GRID
3102789	The length returned by SalStrRight is not expected result.
3103415	Debug application using .NET assembly does not release/unload the assembly when stop debugging
3162561	Issue with RTF controls
3365600	issue with the font of the report displayed in SalReportView. It appears to be different than expected.
3366384	Memory problem when sending a large amount of information via JSON.

7 Contact information

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OpenText My Support: <https://support.opentext.com>

For more information, visit www.opentext.com

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