

OpenText Gupta Team Developer 7.4.1

Release Notes

Product Released: 2021-10-28

Release Notes Revised: 2022-01-18

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1 Introduction

These Release Notes provide an overview of Gupta Team Developer 7.4.1, 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
2021-10-07	First release.	All new content.
2021-10-28	Fixed Issues	Added TD—26128 fixed in TD 7.4.1Refresh
2021-12-16	Supported environments	Updated .NET framework version requirement from 4.5+ to 4.6+
2022-01-18	Installation notes	Added new section "Installation notes"

2 About Gupta Team Developer 7.4.1

This section provides an overview of Gupta Team Developer 7.4.1.

2.1 New features

Gupta Team Developer 7.4.1 includes the following new features.

2.1.1 IDE

When "Exclude Comments" is checked, the Find and Find All dialogs now skip items within comments that start mid-line.

2.1.2 SAL API

- New SAL functions, `SalFieldSetReadOnlyBkgdType` and `SalFieldGetReadOnlyBkgdType`, are added to set/get read only background type for data field.
- Calling `VisWinSetFlags` for form windows with the `WF_ExcludeFromMdiWinList` flag now prevents the window from being added to the MDI tab list when the MDI Tabs property is set for the MDI main window. In addition, tabs are not added for windows that are not MDI child windows.
- New SAL function, `SalGetVersionEx`, is added to get full version information.

- New SAL function, SalStrCompressEx2, is added to support zlib compression algorithm. Also, SalStrCompress and SalStrCompressEx are modified to use zlib algorithm by default. SalStrUncompress and SalStrUncompressEx support old and new compression algorithms.
- New SAL functions, SalAnchorSetScrollbarsEnabled and SalAnchorGetScrollbarsEnabled, are added. Enable/disable scrollbars for forms and dialogs with anchoring enabled. By default with anchoring enabled, the user is prevented from resizing the window smaller than the minimum width and height. Setting this to TRUE allows the user to resize smaller than the minimum, with scrollbars added as needed. When set to TRUE, controls that do not specify minimum width or height will use their initial values for width and height as the minimum values. This setting applies to all windows and so should be called in SAM_AppStartup before creating any windows.

2.1.3 Report Builder

- Report Builder o ReportBuilder now saves the last window position and size of ReportBuilder MDI window so that ReportBuild MDI window will be opened next time with the same size and 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>).



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-7.4.1-x86.exe (32bit Installation program)
- TDSetup-7.4.1-x64.exe (64bit IDE installation program)
- Deploy-7.4.1-x86.exe (32bit deployment installer)

- Deploy-7.4.1-x64.exe (64bit deployment installer)
- TDSamples-7.4.1-x86.exe (32bit samples installer)
- TDSamples-7.4.1-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

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>).

- <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
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Memory	2GB or greater
Operating System	Windows 10, 8.1 Windows Server 2022, 2019, 2016, 2012 R2
.NET Framework	4.6+
Databases Win32	SQLBase 12.3, 12.2, 12.1, 12.0, 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 12.3, 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 12.3, 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 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 12.3, 12.2, 12.1, 12.0, 11.7, 11.6 (using 11.7 drivers)
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4.2 OpenText product compatibility

This section provides details about which versions of other OpenText products are compatible with this release of Gupta Team Developer 7.4.1.



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	7.4	
OpenText Gupta Q	1.0.1	

4.3 Language support

Gupta Team Developer is currently localized in the following languages. Future releases may add additional languages.

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 7.4	B							
Grid Migration Wizard 7.4	B							
Migration Wizard 7.4	B							
Object Nationalizer 7.4	B							
Quick Tabs Migration Wizard 7.4	B							
Report Builder 7.4	B							
Report Designer	B	UI	UI				UI	
Repository Setup Wizard 7.4	B							
SQLTalk Interactive SQL 7.4	B							
SQLTalk Plus 12.2								

UI = user interface only

B = both user interface and online help

5 Installation notes

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.

6 Fixed issues

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

Issue number	Issue description
TD-23804	Documentation: Need to add missing SAL function help to chm.
TD-24808	Document SQLSERVER "MARS=1 " SQL.INI setting in relation to SQLSERVER "Connection is busy with results for another command"
TD-24972	Documentation on VisArray functions
TD-25493	Breakpoints from libraries APLs are not showing/transferred to the main app when using DEFAULT TEXT outline
TD-25679	Incorrect look and feel of TD Edit Controls when applying WS_DISABLED style using VisWinSetStyle() or WINAPI SetWindowLong()
TD-25718	Request to add a feature to get the data field without border should be on the same position and without changing the background colors, after removing the border in the properties
TD-25763	Multiple calls of SalReportPrintToFileEx lead to specific crash
TD-25854	TD crashes after executing a sql statement in a background worker thread
TD-25867	Problem with Static declaration of myLongBindInfo in class SqlHandle while using SqlHandles in a multi-thread environment
TD-25875	improper Insertion of Unicode glyphs into nvarchar2 Column in Oracle database
TD-25887	SqlFetchTester test for Oracle OLEDB on Win32 fails with large number failures
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-25898	Need to add MDI Tabs and Windows without border
TD-25901	Anchor not functional when Minimize/maximize an MDI child window

TD-25904	New Sal function to return the complete version currently running
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-25917	MDI - No vertical scroll bars displayed
TD-25924	CLONE - Enable hot-key request for RTF format for parity.
TD-25925	CLONE - Allow to put a background image to the MDI via SalPicSet functions
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-25945	Team Object Manager is unable to add an item to the repository or Check in a file to the repository
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-25956	Issue with Find All option it doesn't exclude comments properly
TD-25958	SalGetVersion returns 3 digit version
TD-25960	Problem with SalJsonSerializeUDV
TD-25961	Calling SalEventLogName twice crashes TD
TD-25962	vcruntime140_1.dll, ProfSkin288u.dll and Cpprest142_2_10.dll not included in Windows Installer Package file.
TD-25964	SalZoomWindow does not work on dialog windows
TD-25965	Unrelated .NET compilation error when creating an installer from a non .NET TD x64 specific application

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-25970	SalZoomWindow() not functional with dialogs and dockable dialogs
TD-25974	Missing checkbox when you resize the Dialog Box
TD-25975	CLONE - Problem with SalJsonSerializeUDV
TD-25977	CLONE - Attempting to change DATE/TIME format on Report Builder field is not effective when using the x64 version.
TD-25978	CLONE - Anchor not functional when Minimize/maximize an MDI child window
TD-25979	CLONE - Anchoring not functional depending on the font size set on the form and only when a form uses a TABBAR control
TD-25981	SalAnchorChildInitScaling destroys the height of the list portion of a combo box
TD-25984	Improve functionality of SalStrCompress/SalStrUncompress for small byte arrays
TD-25985	SalTblSetRowFlags() ROW_Hidden attribute not showing top hidden row in a specific scenario
TD-25986	TD .NET incorrect evaluation If NOT (Function ())
TD-25989	Substrings are not returned as expected if there are unicode surrogates in the string using Sal functions
TD-25991	CDK SaveOutlineAsText doesn't save as indented text
TD-25996	SalReportPrintToFile/Ex() prompts for a filename even though "strDestFile" is set
TD-25999	TD .NET: Substrings are not returned as expected if there are unicode surrogates in the string using Sal functions
TD-26001	"Could not load file or assembly 'System.Buffers, Version=4.0.3.0' error using SalMail (send/receive)
TD-26005	SAM_AnyEdit not triggered in Grid by Up/Down keys
TD-26007	Up/Down and Enter not working with Grid Cell Combo Box
TD-26009	Richtext - Different behavior in Form and Dialog

TD-26010	Bad rendering / user experience when scrolling through large data set in a VT cOutlineListBox control using the mouse wheel
TD-26011	Clicking in the rectangle of a combo box button in a zoomed top level window might not expand the combo box depending were the user clicked
TD-26014	Error in SalMail without user/password
TD-26015	CLONE - Substrings are not returned as expected if there are unicode surrogates in the string using Sal functions
TD-26018	Chart does not show the graph when using DATE data type on the "Y" axis
TD-26020	SalZoomWindow is not functional with NavBars, the pane changes the size but not with Childs
TD-26023	.NET - SalNetCompileAndEvaluate and webservice issue
TD-26025	Windows Icon files (ICO) are not displayed when calling SalPicSetImage() using PIC_ImageTypeICON but does when using PIC_ImageTypeTIFF, PIC_ImageTypeGIF
TD-26027	SalZoomWindow: after creating a Form Window from a Menu the Toolbars of all new created Form windows are not zoomed
TD-26029	No Scrollbars in Form Windows when Anchroing is enabled
TD-26030	OpenSSL - CVE-2021-3711 (+3)
TD-26035	TD crashes, If executingSqlOraPLSQLPrepare/SqlOraPLSQLExecute and running sql statements in the Background Worker Threads at the same time
TD-26037	Grid column width not getting retained at design time in IDE
TD-26038	Moving tab page assigned object using the keyboard or the mouse in layout view results in duplicate objects in the table page outline
TD-26042	Grid Table: Inserting a new row using the keyboard deletes the content of last cell
TD-26043	Editable combobox does not get focus when clicked on combobox arrow
TD-26045	Error 401 "Cannot open Database" when connecting to SQLBase using the TD ConnectionString feature without a SQL.INI
TD-26046	Non Editable combobox does not get focus when clicked on combobox arrow
TD-26047	Clicking on Combo box arrow opens and closes immediately when using VisListSetStyle
TD-26050	SalMail SendMail returns '-1' after migrating from 7.0 to 7.4

TD-26051	Wrong context when scrolling an inactive Grid or Table
TD-26053	Problem while printing PDF files, when compared between .Net and Windows applications
TD-26054	Problem with SalDateConstruct
TD-26056	The form associated with the tab page was NOT created when the tab bar had anchoring enabled
TD-26057	Problem with SalJSONSerializeUDV ,the resulted String is different
TD-26059	Multi Row Tab Bar: Child windows are not positioned correctly
TD-26060	SalMail Issue, when trying to get a Mail via GetMail(...)
TD-26061	Report Builder crashes in TD 7.3.5 .NET application
TD-26064	Problem with Migration Wizard (error when processing a specific apt)
TD-26066	Provide a post qualification of Windows 11
TD-26067	Provide for Post Qualification for Windows Server 2022
TD-26068	.NET error "Failed to convert a string to int32" when invoking a specific Sql Server stored procedure
TD-26069	Printing text with Font rotation 180° prints at the wrong position
TD-26073	New SalThemeXXXX() related to 3DFaceColor aren't documented at all in all TD 7.3.X release notes nor in the online help (HLP)
TD-26076	Have Report Builder open the workspace using the size of the last screen Used
TD-26089	Warning message pops up when starting cbi74.exe when the source control is selected as Subversion(SVN)
TD-26093	Find not working Correctly
TD-26096	Combo Box not Highlighted when apt is run
TD-26110	Oracle Error: "SQLException : 972 - ORA-00972: identifier is too long ORA-00972"
TD-26111	Expected Oracle Error not displayed

TD-26116	RBEDP-7.4.1-x86.exe Install Issue
TD-26128	Modified SalStrCompress and SalStrCompressEx to use zlib(4) breaks interoperability between applications

7 Contact information

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

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