

OpenText Gupta Team Developer

Release Notes

7.2.3

Product Released: 2020-11-15

Release Notes Revised: 2020-11-04

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1 Introduction

These Release Notes provide an overview of Gupta Team Developer 7.2.3, 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
2020-10-29	First release.	All new content.

2 About Gupta Team Developer

This section provides an overview of Gupta Team Developer 7.2.3.

Team Developer 7.2.3 is the third quality release for the Team Developer 7.2 product line.

2.1 New features

Gupta Team Developer 7.2.3 includes the following new features.

2.1.1 SAL API enhancements

- Added new table flag, TBL_Flag_DisableVisTblSort, to disable sorting of VisTbl properties (row colors, images) during SalTblSortRows. This improves performance by about 10 percent.
- Added new table flag, TBL_Flag_DisableScrollRange, that can be set to TRUE before a loop that calls SalTblInsertRow, and then reset to FALSE when the loop completes.
- New SAL function, SalTabEnableCtrlTab
 - bOk = SalTabEnableCtrlTab(hWndTab, bEnable)
 - Enable or disable Ctrl-Tab key on tab bar. By default, the tab bar handles the Ctrl-Tab key.
- New SAL function, SalSetButtonChecked bOk = SalSetButtonChecked(hWnd, nCheck) Sets whether a radio button, option button, or check box is checked. A radio button can only be checked. Other radio buttons in the same group are unchecked.
 - Parameters: hWnd Window Handle. The handle (or name) of a radio button, option button, or check box.
 - nCheck Number. 0 = Unchecked, 1 = Checked.
 - **Return Value:** Returns whether checked/unchecked operation successful.
- New SAL function, SalYieldSetInterval
 - bOk = SalYieldSetInterval(nInterval)
 - Sets the number of statements to execute between yield handling. Default is 48.

2.1.2 UX enhancements

- The grid will no longer scroll to the beginning when it is disabled.

2.1.3 Report Builder enhancements

- Export WMF image from existing report. Report Builder now saves WMF image data as external file and shows a dialog to indicate its location. Customer can convert it to EMF image manually and embed it to Report Builder instead of original WMF image.

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-7.2.3-x86.exe (32bit Installation program)
- TDSetup-7.2.3-x64.exe (64bit IDE installation program)
- Deploy-7.2.3-x86.exe (32bit deployment installer)
- Deploy-7.2.3-x64.exe (64bit deployment installer)
- TDSamples-7.2.3-x86.exe (32bit samples installer)
- TDSamples-7.2.3-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, 7 Windows Server 2019, 2016, 2012
.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

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

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 7.2.3.



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	11.6, 11.7, 12.0, 12.1, 12.2	
OpenText Gupta Report Builder	7.2	
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 7.2	B							
Grid Migration Wizard 7.2	B							
Migration Wizard 7.2	B							
Object Nationalizer 7.2	B							
Quick Tabs Migration Wizard 7.2	B							
Report Builder 7.2	B							
Report Designer	B	UI	UI				UI	
Repository Setup Wizard 7.2	B							
SQLTalk Interactive SQL 7.2	B							
SQLTalk Plus 12.2								
Team Object Manager 7.2	B							
SQLBase Database Engine 12.2	B	UI						

SQLBase Command Center 12.2	B							
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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 number	Issue description
TD-24192	WPF - RibbonBar Application returns Compile Error
TD-24509	Incorrent evaluation of boolean expression with .NET
TD-24660	TD .NET - External Assemblies - globals&class-symbols missing
TD-24783	WPF - Calling an instance variable from parent form leads an exception
TD-24788	When calling a late bound method in WPF.NET the application crashes, same works under Win32
TD-24946	Issue with variable hWndForm at class level in .Net version (TD7.1.3x64)
TD-24956	SalReportView Displaying differently in Windows 10
TD-24963	WPF - SalWindowGetProperty only working with derived classes
TD-24964	Error "Issue_with_column_classes_in_DotNet.clsHIST_tblEnquiry.colInstallationID" encountered in TD DotNet
TD-24966	WPF - Numeric constants are not recognized as valid input params
TD-24967	WPF - Hidden controls affect the scrollbar metrics in attached windows
TD-24968	WPF - SalNetCompileAndEvaluate fails with a simple boolean expression
TD-25013	Multiline fields are not being seen correctly with .NET
TD-25016	A datasource cannot be associated with a graph in .NET
TD-25017	WPF - App crash on comparing SalDecimal-Result with Bool expression
TD-25018	CDK function is not working correctly in TD 7.2.1 x64bit
TD-25021	TD7.NET - Empty table when filling via Populate and Subquery
TD-25023	A table with a multiline field with a pushbutton accelerator of Enter fires in .NET version on carriage return
TD-25037	Error 00160 CSB Out of memory at the client workstation (SQL CSB)
TD-25038	Field border protrude at the bottom of the field in TD7.2 but not in TD6.3
TD-25040	ActiveData - "SalFile_Auto.apr" - SalFileGetStr tests are Failing
TD-25053	App crash and hWndForm vs. hWndFrame, Error calling class functions
TD-25055	Grid Filters menu need to be translated to Portuguese
TD-25058	Some WMF Picture file not showing when embedded in a Report Builder QRP template

TD-25061	Wizard fails if WSDL does not define returning value
TD-25063	Incorrect DATE returned when calling SalJSONDeserializeUDV() using JSON string containing a UNIX EPOCH and this only on WIN32
TD-25064	Allow accelerators set by VisWinLoadAccelerator() to be triggered on a Key Down message
TD-25067	Critical section not locked when connecting to ORACLE using ORA 12c client and server
TD-25070	Request for feature to retain the position of the selected/edited row when SalDisableWindow is called
TD-25072	WPF - Boolean logic involving .NET objects fails sometimes.
TD-25074	Request to add a Sal Function to disable ctrl-tab short cut key for the tab bar control at run time
TD-25088	Request to programmatically assign values of a window handle
TD-25091	Add new Sal function, SalYieldSetInterval
TD-25095	WM_CHAR no longer fired on table windows when pressing <ENTER> key
TD-25098	Oracle OLEDB error with simple select statement.
TD-25099	No compiler warning when the functional class name is the same as the variable name.
TD-25100	Allow the "go to declaration" to work in the case where the functional class name is the same as the variable name.
TD-25102	Diff/Merge tool close in later versions of TD
TD-25103	SQL Server "Violation of PRIMARY KEY constraint" error when inserting a SAMLLINT using a NUMBER bind variable in a 64-bit application only
TD-25108	Provide a new Table Window sorting function focusing on performance
TD-25109	TabBar in Toolbar setting window variable
TD-25110	Application hangs in a specific scenario
TD-25111	Problem detected in Active Coding Assistant in Team Developer
TD-25118	After selecting a tray in Report Builder, the report doesn't print to that tray
TD-25119	SalSendMsg() WM_LBUTTONDOWNBLCLK not received when sent to a Data Field Class
TD-25123	Object Nationalizer "Out of memory" error when applying or loading a TEXT translation

TD-25125	TD 7.2 app performance in Win7 vs Win10, Audit data further request to see if performance can be further found in TD runtime especially on SalTblInserRow()
TD-25126	CLONE - Object Nationalizer "Out of memory" error when applying or loading a TEXT translation
TD-25128	Storing Number that is more than 16-digits long translates the value to scientific notation
TD-25143	Function SalRTFTextGetSelected fails to get all text if a hyperlink is in the text
TD-25148	SalReportPrintToFileEx() as PDF produce a corrupted file output
TD-25149	Insert using bind against "INT NOT NULL" columns fails when connecting to SQL Server using a 64-bit OLEDB provider
TD-25159	TD71(x64) the application crashes if the error message length exceeds 255 characters
TD-25169	TD crash when themed VT Combo Box attribute "Always Show List" is set to YES
TD-25170	Themed combo box has wrong scrollbar when VisListSetStyle function used with LBS_VisExtensions and LBS_ThemedCombo combination
TD-25172	Source migration in TD 7.2.2 is not completed for TEXT format in one step
TD-25174	TD7.2.2 - Datafields - Content not centered in datafield with 3D Face color
TD-25176	Image fails to load/show in picture container in a specific application/scenario
TD-25185	Web Service Wizard generates wrong Classes if list is sorted
TD-25191	CLONE - ReproCase.exe Crashing
TD-25193	CLONE - Table Window SalTblSetColumnFlags() of the undocumented column flag 0x200 allows copy and past on read only columns
TD-25194	Buttons are missing from MDI form
TD-25197	.NET application fails with with error 915 "Invalid constant" when executing an insert or update statement that contains two minus-characters.
TD-25198	Fetching data from a column with datatype 'uniqueidentifier' in a SQL Server gives a corrupted data
TD-25201	PopUp Menu and Menu Items don't have Underlines
TD-25203	Title text of child table sometimes gets overlapped.
TD-25205	Fully remove dysfunctional samples about Web Services found in \Samples\WebServices\
TD-25215	WPF - Table and Grid not Populating

TD-25216	.NET - cQuickTipDataField is Unsupported
TD-25220	.NET - Word wrap in tables/grids dynamically created not working for exe
TD-25222	Sybase TEXT column crashing TD depending the size of the TEXT data and the value set for DBP_LONGBUFFER
TD-25223	Problem with RTC when translated to French
TD-25225	Inline Comments for UDV classes on same line will get serialized as well when serializing UDV to XML using SalXMLSerializeUDV function
TD-25226	An error "Could not evaluate expression" occurs if the UDV contains an instance of an other UDV and this instance is NULL.
TD-25229	CDK function cdkContainer.EnumChildWindowObjects() not functional (no detail on object) OR crashing when used in 64-Bit application
TD-25231	Threads Lock/Hang when started AFTER a call to SalCreateWindow() of a modeless Dialog or From window having parameters
TD-25234	Using SalJSONDeserializeUDVEx returns an unknown error
TD-25235	Occurs an error when trying to insert or update a null DateTime after number field
TD-25248	.NET - Unable to cast object of type error when use tab order function
TD-25250	Format numeric Tablecolumn to suppress decimal separator for values which do not have decimal places
TD-25251	SalTblPopulate() in GRID or Table Windows fills in wrong results in column(s) when using OLEDB connectivity
TD-25255	Focus and Activation / Validation issue in a specific scenario potentially leading to a crash
TD-25258	Memory leak / reference counting issue when pushing a SafeArray containing variants of type object to a .Net assembly method using a custom developed COM INTEROP .NET framework.
TD-25262	cOutlineListBox.SetItemData()/GetItemData() returns incorrect result when setting negative values
TD-25263	(TD x64) SetWindowPos HWND_TOPMOST issue (regression)
TD-25265	Pasting Japanese string to data field aborts TD when enabling bMaxDataLengthInBytes
TD-25266	Starting of a thread causes delay
TD-25267	Error 32637 Not found in ERROR.SQL is thrown when making common SQL error such as an insert of a value too large for a column

TD-25270	Report only shows line which includes Input Item but should show 2 lines when using Suppress Line Spacing
TD-25271	Table Window incorrect Column position when scrolling to the right
TD-25277	Sybase native router "Invalid long field number" error using SybExecuteProc() when no result set is returned AND longbuffer SQL.INI setting is set to a non default > 32KB
TD-25293	Sybase native router "Invalid long field number" error using SybExecuteProc() when more than one column returns NULL
TD-25296	SalGetProfileString() is no longer functional when passing STRING_Null as the strDefault
TD-25298	Issue with re-sizable property of TopLevelWindows with the same width and height
TD-25299	Failed to update outline version of binary app file saved by previous 64 bit TD release
TD-25300	.NET - Tab Order not correct
TD-25301	Request to add feature to allow grid or table row selection to be suppressed
TD-25304	Sybase native router "Invalid long field number" error using SybExecuteProc() in specific scenario
TD-25306	.NET - Tabbing inside Child Form not working
TD-25314	SalFmtFormatNumber does not return the value after the period for specific picture format
TD-25319	Increase limit for the VisTblAddBitmap function
TD-25323	VTM_KeyDown on a child table does not recognize the Enter Key
TD-25324	"Internal memory has become invalid" or application crash when executing a query using SqlPrepareAndExecute() against an SQL Server OLEDB connection
TD-25326	.NET - The graph control ignores the value of the child table in .NET
TD-25331	resource as a window icon?
TD-25340	<TAB> and <RETURN> not working in a WPF TextBox control when hosted in Forms and Dialogs inside a TD WPF Custom control container
TD-25341	Apache xerces-c 2.6.0 critical security vulnerability reported by Black Duck scan
TD-25342	libpng 1.2.36 vulnerabilities found by Black Duck scan on 7.3.2.
TD-25344	Report Builder custom report size not honored when generating PDF
TD-25349	Icons on navigation panes are cut in minimized mode

TD-25357	Review Fortify Buffer Overflow Issues
TD-25363	SharpZipLib before 1.0 RC1 is vulnerable to directory traversal
TD-25364	Address vulnerability Windows Installer XML (WiX) toolset 3.10.3
TD-25367	Position of text in data fields
TD-25372	SalReportView not displaying qrp with "NumberToStrPicture(123456.789, '##0,00#')"
TD-25375	Gupta 7.3.1 string changes when assigned to a receive string after 2nd use
TD-25377	After the Restore Grid State, Object Title is missing.
TD-25380	Assembly load failure attempting to consume a TD .NET class library in Visual studio when the class library depends on other signed assemblies
TD-25381	.NET - Tabbing to controls on Tool Bar brings up Error
TD-25388	hWndForm used in event section of table column is not recognized as table window.
TD-25396	TeamDeveloper 7.2 SalDlgOpenFileMulti() gives corrupt characters for filename
TD-25413	7.3.2 behavior of Report "Suppress Line Spacing" is changed
TD-25419	Problem with .NET components while generating an apl using .NET Explorer
TD-25431	SAM_Validate generates extra error message when clicked on another child table
TD-25433	SalFmtFormatNumber issue in german
TD-25438	"Go to Page" jumps to a different page number after cancelling
TD-25441	MutiLine Field overlaps List Box field
TD-25445	Report Builder brings pages with missing text or wrong text
TD-25451	SalFmtFormatNumber73 does not work in TD7.3.2.
TD-25483	Sybase crash after successful login and after accessing the database when the password is longer than 16 chars
TD-25492	Nothing happens if you on .NET Explorer for TD 7.2.3 (64-bit)

6 Contact information

OpenText Corporation
275 Frank Tompa Drive
Waterloo, Ontario
Canada, N2L 0A1

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