

# **OpenText Gupta Team Developer 7.4.3**

## **Release Notes**

Product Released: 2022-05-31

Release Notes Revised: 2022-05-25

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# 1 Introduction

These Release Notes provide an overview of Gupta Team Developer 7.4.3, 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
2022-05-12	First release.	All new content.

# 2 About Gupta Team Developer 7.4.3

This section provides an overview of Gupta Team Developer 7.4.3.

## 2.1 New features

Gupta Team Developer 7.4.3 includes the following new features.

### 2.1.1 Active Coding Assistant

- Modified Go Back (Ctrl+Shift+G) command behavior of moving current position to the position where the Go to Declaration (Ctrl+G) command executed. Previously, this command only worked once.

### 2.1.2 CDK

- `cdkOperation` functional class and `AddOperation` function of `cdkClass` are included to the `add Operation` of the `Web Service` class. (`cdk.apl`).

`cdkItem.IsDefaultAttribute` function is added to return `TRUE` if the value of specified attribute is `Default`.

### 2.1.3 SAL API

- `SalObjCopy` is modified to handle UDVs inherited from the same base class.
- `xmllib.apl` is modified to generate a `Standalone XML` document attribute only when its value is "yes". The default value is set to "no".

## 2.1.4 UX

- There are several changes to the DateTime picker control. Time Only mode does not display the Calendar dropdown button and its Date is always 1899-12-30. Date Only mode returns 00:00:00 as the time portion.
- The data start position for the Pie and Doughnut chart is changed to 12 O'clock from 3 O'clock.

## 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-7.4.3-x86.exe (32bit Installation program)
- TDSetup-7.4.3-x64.exe (64bit IDE installation program)
- Deploy-7.4.3-x86.exe (32bit deployment installer)
- Deploy-7.4.3-x64.exe (64bit deployment installer)
- TDSamples-7.4.3-x86.exe (32bit samples installer)
- TDSamples-7.4.3-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

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
Memory	2GB or greater
Operating System	Windows 11, 10 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)

	<p>Oracle 11g R2, 12c, 18c, 19c</p> <p>Microsoft SQL Server 2014, 2016, 2017, 2019</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 12.3, 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 2014, 2016, 2017, 2019</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 12.3, 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 2014, 2016, 2017, 2019</p> <p>SAP ASE 16.0 (Sybase)</p> <p>OLE DB (32 bit version)</p> <p>ODBC (32 bit version)</p>
Team Object Manager (TOM)	<p>TOM supports SQLBase databases only.</p> <p>SQLBase 12.3, 12.2, 12.1, 12.0, 11.7, 11.6 (using 11.7 drivers)</p>

## 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 7.4.3.



### 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, 12.3	
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.

Key	Issue
TD-24162	Implement a <code>cdkClass.AddOperation()</code> as currently it is not possible to add a Web Service operation using the TD SAL CDK
TD-26168	In dialog boxes the MNEMONICS cannot be turned on by pressing 'Alt'.
TD-26170	Allow <code>SalObjCopy()</code> to be able to function for UDV's that are inherited from the same base class
TD-26184	Calling <code>SalObjCopy</code> with wrong parameters doesn't throw compile error
TD-26194	Issue on 4k Monitor support when using Build settings "DPI Awareness" set to "Application"
TD-26215	Ribbon bar icon size is incorrect when Minimized on 4k Monitor
TD-26220	Poor ribbon bar icon quality/rendering on 4k (UHD) monitors when scaling is larger than 100%
TD-26231	With new version 7.4.1, there is an error "Unrecoverable error: The reference string is not valid or is corrupted"
TD-26234	<code>SalRibbonSetItemImageEx</code> issues
TD-26239	When Trying to integrate Brava Desktop ActiveX in OT Gupta TD.
TD-26256	<code>SqlExtractArgs</code> is returning an incorrect number for timeout and application deadlocks
TD-26258	Zoom-problem with ComboBox in the team developer of 7.4.1
TD-26259	Issue with the <code>SalStrLeft(X)</code> and <code>SalStrRight(X)</code> functions in the .net build settings in TD 7.4.1
TD-26264	Window is not operable on validation of a cell
TD-26269	Problem with data type conversion when consuming a rest web service with <code>SalSalJSONDeserializeUDV</code>

TD-26274	Anchor Issue in TD 7.4.1
TD-26276	Issue with the function SalListPopulate, only 5 characters are ALWAYS displayed in the ComboBox
TD-26279	Issue with conditional display fields using SalReportView
TD-26280	Issue with DateTimePicker, the control doesn't return the correct value.
TD-26285	Problem with Grids related to Cell Type = Popup Edit
TD-26286	Problem with Grid – NumberPopUpEdit
TD-26290	Issue in the cOutlineListbox control by scrolling down the page.
TD-26291	Toolbar isn't showing when the "MDI Tab" property is set to anything else than "none"
TD-26294	Property SRC from the Brava3DXView ActiveX ( Brava Desktop from OT) isn't persistent
TD-26295	SAM_SetFocus message is not sent to checkbox type columns within child grids
TD-26297	.NET SalNetCompileAndEvaluate() exception "Attempt was made to dereference a null window or user variable when evaluating strings
TD-26298	Picture not showing in RTF control when SalRTFTextPaste() to a RTF control with a property "Read-only" set to Yes
TD-26301	ODBC Error inserting NULL value in ACCESS DB Field
TD-26303	Post Message order potentially causing crashes when calling SalTblDefineSplitWindow()
TD-26305	Library item info dialog shows incorrect objects library file name
TD-26307	SalXMLDeserializeUDV cannot handle functional class variable with OBJ_null in the declaration
TD-26309	Ease of Use display issues
TD-26311	Running CreateXMLData sample application aborts TD.
TD-26312	config xml header
TD-26318	TD 7.4.2, ACA cannot evaluate a variable in a string
TD-26323	Wrong anchoring on combobox with "Always Show List"
TD-26327	Ghost error description in TD's output window
TD-26328	Customer requested to add Feature Request for ACA

TD-26330	Active coding assistant keyboard shortcut Ctrl+Shift+G does not navigate to the last selected item
TD-26331	ACA Ctrl+G does not work with local functions of the mdi/form/table/dialog.
TD-26334	.net Error in date expression
TD-26336	TD 7.4.2 Build 67386 (x64) IDE dies frequently, please review attached DUMPS
TD-26337	OpenSSL - CVE-2022-0778 (+1)
TD-26339	The height of ComboBox dropdown becomes too small on scaled display
TD-26341	Pie chart rendering how to set first values of the series to the chart at 12 O'clock and set value label to show "%"
TD-26342	SalSetComboBoxItemHeight does not work with Windows setting "Text Size" > 100%
TD-26345	No internal notifications from WF_Required
TD-26348	What is the most common way to read these values via CDK. I have tested "GetAttribute" and "GetWindowCoordinates", but without success.
TD-26349	.NET SqlVarSetup() fails when used in an instance of a functional class
TD-26350	SalMail displays an internal login dialog when connecting
TD-26352	SalQueryFieldEdit returns False after modifying the value of Data/Time data type
TD-26353	.NET SalNetCompileAndEvaluate Function call with receive parameter and some expressions fails
TD-26355	First Row of a Grid disappears after Grouping and Populating again.
TD-26357	Context menu for ReportBuilder IDE might show at wrong position
TD-26358	WIN32 GAIL errpr "Unable to locate object or re-use given object." when calling a function with a "ref string[]" array parameter
TD-26359	SalNetCompileAndEvaluate() and SalStrleftX() functions are not working in .net TD-7.4.2 version as expected
TD-26360	TD process hang when using the Brava! ActiveX 3D-Control "Explode" feature

TD-26362	SalReportPrintToFile creates files that are much larger with image compared to other older TD versions
TD-26364	SQL Server error 20025 "Numeric value out of range" when inserting a float value
TD-26365	ADC - GridTest_Auto.appt has 6 errors in output related to scrolling
TD-26366	WPF - ADC - SqlComparator.appt errors
TD-26367	Implement "ForEach" statement in the CDK framework
TD-26368	SalObjCopy creates an array element in both from and to object although the array is empty
TD-26369	Zooming does not work properly
TD-26370	Cannot add breakpoint in the application
TD-26372	Issue with Date format
TD-26374	Form associated with the tab page not displaying controls correctly
TD-26375	Resizing of Form not working correctly
TD-26376	Budgets.app Sample not displaying chart
TD-26377	SalTblPopulate not working for table
TD-26378	ReproCase returns Error
TD-26379	Combo Box triggers SAM_AnyEdit twice
TD-26381	Diff/Merge-Tool does not support ForEach statement.
TD-26382	ReproCase not displaying Island Employees Correctly
TD-26383	SAM_AnyEdit message is not received in Grid as it is on Table Windows objects
TD-26390	Child Grid with Dropdown column doesn't word wrap
TD-26391	SalStartTrace with TRACE_Event not working without admin rights
TD-26393	OpenSSL - CVE-2022-1292 (+7)
TD-26394	The Constant CDK_IT_TableWindow class cdkBaseTable IsValidType() function appears twice in a "Case" statement
TD-26396	TD cannot connect to remote SQLBase by using ConnectionString if specified servername is not defined in SQL.INI

TD-26397	Better document SalStartTrace() API when login against the event log
TD-26398	A grid dropdown column does not show list items - Only 64-bit with 125% Scaling
TD-26401	SAM_FieldEdit fires in different sequence when typing text in column and hitting Enter
TD-26402	SAM_FieldEdit not firing after saving Combo Box entry
TD-26403	Multiple issues using SalNetCompileAndEvaluate() when targeting on .NET build
TD-26405	SalNumberMod() incorrect result returned
TD-26407	ListBox not selecting content when using Keystroke
TD-26408	Combo Box displays Its List if Zoom is Called
TD-26409	ListBox not correct size
TD-26410	ComboBox Not displaying Correct Width when its on tab page and Zoom is called
TD-26416	WPF - SalNetCompileAndEvaluate fails with a simple boolean expression
TD-26420	Missing/smaller images/pictures
TD-26421	Bigger image size compared to TD 7.4.2
TD-26424	Nav Bar Images size are different between TD 7.4,,2 and 7.4.3

## 7 Contact information

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

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