

OpenText™ Gupta Team Developer Release Notes

7.0

Product Released: 9/30/2016

Release Notes Revised: 2016-11-08

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1 Introduction

These Release Notes provide an overview of the Gupta Team Developer 7.0, 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 the OpenText Knowledge Center (<https://knowledge.opentext.com/knowledge/llisapi.dll/Open/62048528>) 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
2016-05-23	First release.	Added features and issues.
2016-10-12	Supported Systems	Added Win64 database connectivity details
2016-10-31	New Features	ImageMan library update and C-Struct explanations added
2016-11-08	New Features	Added explanation why very large TD statements might fail

2 About Gupta Team Developer

This section provides an overview of Gupta Team Developer 7.0.

Gupta Team Developer 7.0 is a major new release that introduces many new features and contains fixes for issues.

2.1 New features

Gupta Team Developer 7.0 includes the following new features.

- Breaking Changes
 - TD 7.0 (for both x86 and x64 builds) now uses default struct member alignment settings for Visual Studio (pre-7.0 versions used 1 byte alignment). If you're linking to TD dll's, this will

require you to change your build settings. Also if you're working directly with TD structures via API's like CStruct, you will need to adjust your byte offsets to account for this change.

- The ImageMan image toolkit is no longer used by Team Developer, and has been removed from the installer.
- Due to the increased memory footprint of internal TD structures (by changing the byte alignment settings), very long TD statements may fail to compile as they will hit our 64K buffer limit. Such statements should be rewritten to reduce their size.
- 64 bit Support
 - Team Developer now ships with a 32 and 64 bit installer. To build 64 bit capable applications, use the 64 bit installer. The IDE will run as a 64 bit application, and any executable generated will be 64 bit capable.
 - Note: In some instances, 32 bit TD applications could use incorrect data type mappings for external function parameters and return types. For instance a function with INT parameters could be defined in TD with a WORD parameter type and the function invocation would still work. This same mapping might fail in unexpected ways in a 64 bit application. Inspect your external function definitions and ensure their parameter and return types are correct.
 - New API
 - The new function SallsX64() returns true when the app is running as 64-bit app. The function works for Win32/Win64 and .NET applications. When testing .NET apps the function will return the bitness of the IDE as for testing .NET apps TD always needs to use the bitness of the IDE for the debugger to work.
- REST API
 - Several new SAL functions have been added to enable consuming JSON based REST services.
 - SalJSONDeserializeUDV: Used to fetch JSON data from a REST service and deserialize the results into a UDV or UDV array.


```

                ♦ If SalJSONDeserializeUDV("cData", "http://api.geonames.org/citiesJSON?north=44.1&south=-9.9&east=-22.4&west=55.2&username=guptademo", "", sError)
                ◊ Call SalArrayGetUpperBound(cData.geonames, 1, nRecord)
                ◊ Call SalTblSetRange( grid1, 0, nRecord )
                ◊ Set nRecord =nRecord +1
                ◊ Set i=0
                ♦ While i<nRecord
                ◊ Call SalTblSetContext( grid1, i)
                ◊ Set grid1.clname=cData.geonames[i].name
                ◊ Set grid1.clcountrycode=cData.geonames[i].countrycode
                ◊ Set grid1.clwikipedia=cData.geonames[i].wikipedia
                ◊ Set grid1.clpopulation=cData.geonames[i].population
              
```
 - SalJSONSerializeUDV: Used to serialize a UDV or UDV array into JSON, with the option of posting the data to a REST service.

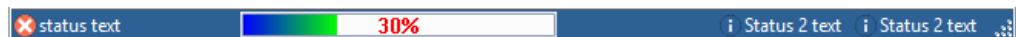

```

                ♦ If SalJSONSerializeUDV("oUpdateJIRAIssue", dfURL || "issue/" || dfIssue, HTTP_PUT, jsonResult, dfUser, dfPassword, jsonErr)
                ◊ Set mlSummary=""
                ◊ Set mlDesc=""
                ◊ Call GetIssue(dfIssue)
              
```

- When building a web service assembly, there's a new option for enabling JSON serialization. This will allow consumers of your services to use JSON data, which can be easier to work with for some platforms.
- GUI Controls
 - Grid Control
 - Grid export
 - Added SAL function SalGridDataExportEx that exposes additional options for exporting grids
 - EXPORT_HideHeaders: Export excludes column headers
 - EXPORT_SelectedRows: Export only selected rows
 - EXPORT_SelectedCols: Export only selected columns
 - Exporting numeric and date time columns will now create VT_R8 and COL_DateTime cells respectively.
 - For Excel export .xlsx files will be created instead of the previous xls files.
 - Grid filter
 - Win32 grid columns have a new UI to allow users to filter data in the grid
 - New attribute on columns, "Allow Text Filtering", which, when enabled, will show a filter icon in the column header.
 - A new flag can be passed to SalTblSetColumnFlags to toggle this at runtime. COL_AllowTextFilter

	Company... ✕	Compa... ▲ ✕	Address ✕	City ✕	State ✕
	Sort A to Z Sort Z to A Clear Filter From Company Text Filters		Insurgentes ...	Acapulco	DF
			30 Harbour ...	Kowloon	
			11111 Gree...	Houston	TX
			Company is equal to: <input type="text"/> Company is not equal to: <input type="text"/> Company begins with: <input type="text"/> Company does not begin with: <input type="text"/> Company contains: <input type="text"/> Company does not contain: <input type="text"/> Company ends with: <input type="text"/> Company does not end with: <input type="text"/>		
111	Betsy Ross ...				
101	Clothing Con..				
112	Dutch Desig...				
109	Evelyn Clothi..				
103	Fashion Outl..				
104	Garcia Tiedv		1965 SHAKA	SANSAUN	CA

- SalGridSetSummaryColumnFmtPicture
 - New function for setting a format picture specific to the summary field of a column.
- New Status Bar and Status Bar API
 - A new SAL API has been added to support custom status bar panes
 - SalStatusAddPane
 - SalStatusSetPaneVisible
 - SalStatusSetPaneText
 - SalStatusSetPanelImage
 - SalStatusCreateProgressBar
 - SalStatusSetPaneTooltipText



- Progress Bar
 - Added ability to display the value
 - Two new design time attributes, “Text Color” and “Show Percent” control the display of the value
 - Two new SAL API functions, SalMeterSetTextColor and SalMeterSetShowPercent
- The Picture Control now supports EMF image files (Microsoft Windows Metafile image format).
- New API to get and set the hint text for data fields, multiline fields and combo boxes.
 - Bool SalSetHintText(HWND, String)
 - String SalGetHintText(HWND)
- IME (Input Method Editor) Mode
 - Data Field, Multiline Text, Combo, and grid/table columns have improved support for IME. Developers can set IME settings at design or runtime for input fields rather than requiring end users to manually enable/disable IME mode.
 - Design time attribute “IME Mode”
 - Auto: Do not change IME mode (default)
 - Active: Turn on IME mode
 - Inactive: Turn off IME mode
 - New SAL API: SalSetIMEMode

- Language

- ◆ *Function: ShowText*
 - ◇ *Description:*
 - ◇ *Returns*
 - ◆ *Parameters*
 - ◇ *String: strParm*
 - ◇ *Static Variables*
 - ◇ *Local variables*
 - ◆ *Actions*
- ◆ *Function: ShowText*
 - ◇ *Description:*
 - ◇ *Returns*
 - ◆ *Parameters*
 - ◇ *Number: numParm*
 - ◇ *Static Variables*
 - ◇ *Local variables*
 - ◆ *Actions*
- ◆ *Function: ShowText*
 - ◇ *Description:*
 - ◇ *Returns*
 - ◆ *Parameters*
 - ◇ *Window Handle: hWndParm*
 - ◇ *Static Variables*
 - ◆ *Local variables*
 - ◆ *Actions*

- Function Overloading

- You can now define functions with the same name, but different signatures

- Protected functions/variables

- You can now add child nodes to both functions and variables on a class to mark it as protected. Protected functions and variables can only be accessed within that class or a subclasses.

- ```

◆ String: protectedStrVar
 ◇ Protected Variable: Yes
◇ Constructor/Destructor
◆ Functions
 ◆ Function: genClassFunc
 ◇ Protected Function: Yes
 ◇ Description:
 ◇ Returns
 ◇ Parameters
 ◇ Static Variables
 ◆ Local variables
 ◆ Actions

```

- SalWindowGetProperty is now supported for .NET build targets

- SalSetLibraryPath

- Can be used to specify the location of an external dll to be resolved. Useful if your external assemblies are not on the system path or application folder. To use this, there's a new compiler settings option "Disable External Function Type Checking" that must be enabled.



- The Team Developer Database Explorer can now handle Oracle Timestamp columns.
- Database
  - SQLBase has been upgraded to SQLBase 12.0
- CDK
  - The CDK has been improved to add several missing types:
    - Named toolbars
    - cdkStaticWindow, cdkWindow
    - Global Resources
    - Ribbon Bar
    - Menu
    - Progress Bar
    - WPF Custom
    - Tree
    - Constructors
- .NET Explorer
  - Several functions/globals have been moved to the GAILBase.apl instead of being generated in the .NET wrapper APL generated by the .NET Explorer wizard. This will require that any existing wrapper APL be re-generated after migrating to TD 7 to prevent duplicate symbol errors.
- Outline
  - TD 7 requires older outlines to be migrated before they can be opened in the IDE. When opening outlines from previous versions of TD, a warning prompt will be displayed notifying you about the migration, with the option to cancel. During the migration, your application and its libraries will be re-saved in the new format. A backup copy will be saved as <filename>.bak.

## 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 the OpenText Knowledge Center (<https://knowledge.opentext.com/knowledge/cs.dll/Open/62156116> ).

### 3.1 Packaging and delivery information

The software and documentation for Gupta Team Developer includes:

- TDSetup.exe (Installation program)
- TDSetup64.exe (64bit IDE installation program)
- OpenText Gupta Team Developer 7.0 Beta Release Notes.pdf
- 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 the OpenText Knowledge Center (<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<br><br>Windows 8.1 (32bit and 64bit)<br><br>Windows Server 2012 (64bit)<br><br>Windows 7 (32bit and 64bit)<br><br>Windows Server 2008 (64bit)                                                                                                                                         |
| .NET Framework   | 4.5+                                                                                                                                                                                                                                                                                             |
| Databases Win32  | SQLBase 12.0, SQLBase 11.7, SQLBase 11.6 (using 11.7 drivers)<br><br>Oracle 11g R2<br><br>Oracle 12c<br><br>Microsoft SQL Server 2008, 2012, 2014, 2016<br><br>SAP ASE 16.0 (Sybase)<br><br>Informix 10, Informix 11 (32 bit client)<br><br>OLE DB (32 bit version)<br><br>ODBC (32 bit version) |
| Databases Win64  | SQLBase 12.0, SQLBase 11.7, SQLBase 11.6 (using 11.7 drivers)<br><br>Oracle 11g R2<br><br>Oracle 12c<br><br>Microsoft SQL Server 2008, 2012, 2014, 2016                                                                                                                                          |

|                |                                                                                                                                                                                                                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | <p>SAP ASE 16.0 (Sybase)</p> <p>OLE DB (64 bit version)</p> <p>ODBC (64 bit version)</p>                                                                                                                                                                                                                |
| Databases .NET | <p>SQLBase 12.0, SQLBase 11.7, SQLBase 11.6 (using 11.7 drivers)</p> <p>Oracle 11g R2 (32 bit client) connecting to Oracle 10g or 11g</p> <p>Oracle 12c</p> <p>Microsoft SQL Server 2008, 2012, 2014, 2016</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 7.0.

 **Note:** For the latest compatibility information for OpenText products, refer to the Compatibility Matrix (<https://knowledge.opentext.com/go/matrix>) on the OpenText Knowledge Center.

| Product Name                  | Version          | Notes |
|-------------------------------|------------------|-------|
| OpenText Gupta SQLBase        | 11.6, 11.7, 12.0 |       |
| OpenText Gupta Report Builder | 7.0              |       |
| 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 6.3                      | B         |    |    |    |    |    |    |    |
| Grid Migration Wizard 6.3         | B         |    |    |    |    |    |    |    |
| Migration Wizard 6.3              | B         |    |    |    |    |    |    |    |
| Object Nationalizer 6.3           | B         |    |    |    |    |    |    |    |
| Quick Tabs Migration Wizard 6.3   | B         |    |    |    |    |    |    |    |
| Report Builder 6.3                | B         |    |    |    |    |    |    |    |
| Report Designer                   | B         | UI | UI |    |    |    | UI |    |
| Repository Setup Wizard 6.3       | B         |    |    |    |    |    |    |    |
| SQLTalk Interactive SQL 6.3       | B         |    |    |    |    |    |    |    |

| Component               | Languages |    |    |    |    |    |    |    |
|-------------------------|-----------|----|----|----|----|----|----|----|
|                         | EN        | DE | JA | FR | IT | ZH | ES | RU |
| Team Object Manager 6.3 | B         |    |    |    |    |    |    |    |
| SQLBase Database Engine | B         | UI |    |    |    |    |    |    |
| SQLBase Command Center  | B         |    |    |    |    |    |    |    |

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.

### 5.2 Upgrade notes

Before you upgrade, review these instructions.

- When upgrading from older Team Developer versions it is strongly recommended that you save all existing source code in text format.

## 6 Patches

A *patch* is a piece of software that is designed to fix or improve a computer program or its supporting data. These may include repairs to security vulnerabilities or resolution of bugs, and may also improve usability or performance. On the OpenText Knowledge Center you will find two general types of patches. *Hotfixes* are also known as quick-fixes or bug fixes. *Updates* are also known as service packs or service releases.

The following patches must be applied to Gupta Team Developer 7.0. OpenText recommends that you

check the OpenText Knowledge Center

(<https://knowledge.opentext.com/knowledge/cs.dll/Open/62171712>) for any patches or documentation updates that may have been posted after this release.

## 6.1 Hotfixes

Hotfixes are small patches that address software issues. Typically, there is no new functionality in a hotfix. Hotfixes can be cumulative.

### 6.1.1 Hotfix installation

### 6.1.2 Available hotfixes

No hotfixes available for this release.

### 6.1.3 Updates

Updates consist of a number of fixes combined into a single patch. Typically, the minor version number of the product will increase, for example from 2.0 to 2.1. An update may also include new features proactively introduced into the product. In most cases, updates are cumulative.

### 6.1.4 About Team Developer 7.0

Before installing the update, ensure that you have met the following prerequisites:  
Make sure you have a valid Team Developer 7.0 upgrade or full product PMC at hand. For upgrades the installer will verify an existing Team Developer installation.

#### 6.1.4.1 Downloads

You must download the following to install this product version:

- <https://knowledge.opentext.com/knowledge/lisapi.dll/Open/64115650> (Team Developer 7.0 Win32)
- <https://knowledge.opentext.com/knowledge/lisapi.dll/Open/64116163> (Team Developer 7.0 Win64)
- <https://knowledge.opentext.com/knowledge/lisapi.dll/Open/64117092> (Team Developer 7.0 Win32 Deploy)
- <https://knowledge.opentext.com/knowledge/lisapi.dll/Open/64116164> (Team Developer 7.0 Win64 Deploy)

#### 6.1.4.2 Fixed issues

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

| Issue Name | Issue Description                                                                          |
|------------|--------------------------------------------------------------------------------------------|
| TD-14646   | TD .NET : SalWindowGetProperty() does not return anything                                  |
| TD-17955   | TOM 6.10 SP1 RTM / TOM DEVCON crashing when showing layout of ISLAND DATABASE              |
| TD-19529   | grid - CheckBox Title Right Justify not displaying correctly.                              |
| TD-19530   | Grid - Text not displaying for Radio Button and Checkbox Title                             |
| TD-19665   | Selected item from sorted Combo Box disappears when SalListAdd is used to add item to list |
| TD-19667   | Ribbon Bar painting issues with combo and datafield on tray                                |
| TD-19751   | Report Builder doesn't display Horizontal Scroll bar                                       |
| TD-19756   | SQLBase Command Center Issues                                                              |
| TD-19786   | SalDlgSetDockSlide (TRUE/OUT) displays painting issues                                     |
| TD-19923   | Functional class variables can be evaluated only up to the second level                    |
| TD-20338   | VisTblAutoSizeColumn doesn't work correctly for button columns and cell pictures           |
| TD-20574   | Background Text Object Title field displaying painting issue in attribute inspector        |
| TD-20576   | Clicking on a modal dialog's caption maximizes the window                                  |
| TD-20916   | IDE debugging: no realtime GUI updates on objects                                          |
| TD-20931   | SalGridDataExportEx does not retain the data type in excel format                          |



| Issue Name | Issue Description                                                                                    |
|------------|------------------------------------------------------------------------------------------------------|
| TD-21145   | VisTblSetColHdrColor() with COLOR_Default turns header black on Child Table                          |
| TD-21221   | VisTblSetRowPicture does not set the picture on the table/grid                                       |
| TD-21906   | The text in the summary fields are not formatable                                                    |
| TD-22046   | Missing CDK Constructor/Destructor manipulation                                                      |
| TD-22047   | Missing ribbon/control CDK constants                                                                 |
| TD-22120   | SalContextMenuSetPopup or SalTrackPopupMenu hang in specific scenario                                |
| TD-22158   | New Output Window management sort issues                                                             |
| TD-22159   | New Output Window management hide/show issues                                                        |
| TD-22185   | Grid text color changes unnecessarily when focus is set away                                         |
| TD-22192   | TD Connecting only to SQLBase has long delay if no other comdlls are loaded                          |
| TD-22242   | SalDlgGetDockStatus does not return correct value after docking the window using SalDlgSetDockStatus |
| TD-22249   | Right justified number overlap with the grid line                                                    |
| TD-22263   | Checkbox column stops responding to input after focus change on Win32                                |
| TD-22282   | Grouping in the grid removes the value of the column grouped by sometimes                            |
| TD-22283   | VisTblSetRowColorEx does not display the correct for the new row sign                                |

| Issue Name | Issue Description                                                                     |
|------------|---------------------------------------------------------------------------------------|
| TD-22291   | Grid changes value incorrectly                                                        |
| TD-22322   | Tooltip for table columns have been broken                                            |
| TD-22328   | Inconsistent behavior when hiding or showing grid columns.                            |
| TD-22368   | Option button pushed state is not shown correctly                                     |
| TD-22378   | Since TD 6.2 connection string to ODBC no longer works ( crash )                      |
| TD-22400   | TD win32 app does not receive empty string correctly from a dll                       |
| TD-22404   | Find can hang w/"Exclude Include Libraries"                                           |
| TD-22413   | Top level window hosting TABBAR using tile to parent are not exposing H/V scroll bars |
| TD-22434   | Missing constants in CDK.APL                                                          |
| TD-22524   | Spinfield with .NET crashes                                                           |
| TD-22530   | missing OBJ_Null in ACA                                                               |
| TD-22551   | Ribbon bar PNG Backgrounds might be black                                             |
| TD-22558   | IDE crash: stack-based buffer overrun selecting tab page                              |
| TD-22569   | TD IDE Severe flickering                                                              |
| TD-22577   | Missing CDK entries for cdkStaticWindow and cdkWindow                                 |
| TD-22578   | Missing CDK entries for Progress Bar and Class Progress Bar                           |
| TD-22579   | Missing CDK entries for New Global Resources                                          |

| Issue Name | Issue Description                                                                               |
|------------|-------------------------------------------------------------------------------------------------|
| TD-22580   | Missing CDK entries for New Global Named Exceptions                                             |
| TD-22581   | Missing CDK entries for New Global Named Toolbars                                               |
| TD-22582   | Missing CDK entries for New Global Named Menu                                                   |
| TD-22590   | Missing CDK entries for SalXMLSerializeUDV                                                      |
| TD-22608   | Wrong behavior disabling background text                                                        |
| TD-22649   | TD SWCOMP.EXE failing on 64bit OS                                                               |
| TD-22687   | Opening source code tabs in the IDE, the last tab open changes its name to the last clicked one |
| TD-22688   | Parametrized Constructor returns OBJ_Null in specific scenario                                  |
| TD-22689   | Parametrized CTOR returns OBJ_Null in specific scenario                                         |
| TD-22695   | The legend on quickGraph object cannot contain values with spaces                               |
| TD-22706   | Option Buttons that call SalSetDefButton() don't show their State.                              |
| TD-22711   | Deleting a Row in a Grid disorganizes the RowNumbers of the remaining Rows                      |
| TD-22715   | Grid: Incorrect Grouping after Inserting a Row                                                  |
| TD-22745   | Report Builder: Date/time labels for the X axes are not shown                                   |
| TD-22773   | SalDisableWindow() on BackGroundText wrongly clears the text instead of making it gray          |
| TD-22819   | SalGridSetCellProp () not functioning properly on the Grid                                      |

| Issue Name | Issue Description                                                                                             |
|------------|---------------------------------------------------------------------------------------------------------------|
| TD-22890   | RTF context menu and tooltip no longer translated                                                             |
| TD-22891   | Wrong date and time serialized from a WIN32 AXIS2 WS client from a TD .NET WS returning a date time data type |
| TD-22893   | .NET Custom XAML/Clear custom XAML has not effect                                                             |
| TD-22917   | When scrolling a grid to the right, there are extra spaces to the right of the last column                    |
| TD-22921   | SalReportPrint focus issue                                                                                    |
| TD-22922   | __SalXMLDeserializeDateTime (from SalXMLws.apl) conversion incorrect                                          |
| TD-22926   | DTPicker not receiving SAM_Activate on FRM MDI child window                                                   |
| TD-22927   | TDWS index out of range response error calling an operation from an ASP.NET WS                                |
| TD-22929   | TD/TDM .NET "Specified cast is not valid" in select statement with Arithmetic operations                      |
| TD-22933   | .NET SalGridDataExportEx(grid1,"", Format_EXCEL,FALSE,0) no file save DLG                                     |
| TD-22934   | .NET SalGridDataExportEx(grid1,'TEST.xls', Format_EXCEL,FALSE,0) does not create the file                     |
| TD-22935   | SalGridDataExport(grid1,"", Format_CSV) garbage with INTL chars                                               |
| TD-22937   | Yielding issue in specific scenario                                                                           |
| TD-22938   | VisTblSetCellBitmap / VisTblSetRowColorEx not functional in specific scenario                                 |

| Issue Name | Issue Description                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------------------------|
| TD-22951   | Opening a TD outline APP/APT/APL from explorer file association to TD7 will migrate the outline without warning           |
| TD-22952   | SalJSONSerializeUDV()/SalJSONDeserializeUDV() Internal error on number datatype with decimals depending regional settings |
| TD-22953   | x64 Deploy70.exe wrong default installation folder                                                                        |
| TD-22967   | SalGridDataExportEx( ) is unstable, leading to crashes                                                                    |
| TD-22968   | SalGridDataExportEx( ) does not respect the position in which columns are placed                                          |
| TD-22971   | "Protected Variables" won't get listed in the Active Coding Assistant even within their own scope                         |
| TD-22987   | Active Coding Assistant (ACA) doesn't work within Constructor/Destructor methods                                          |
| TD-22995   | SalGridDataImport( ) is partially loading XLS files                                                                       |
| TD-23008   | Fix German translation in grid filtering UI                                                                               |
| TD-23009   | Summary fields are not updated after all records have been fetched when using TBL_FillNormal with SalTblPopulate          |
| TD-23030   | Trying to edit a TabBar with lot of Tab Pages and Tab Childs results in GPF                                               |
| TD-23032   | Web service returning empty strings results in mangled characters when consumed with TD 7 beta build                      |
| TD-23045   | Fails to insert binary data over 1 MB to SQL Server                                                                       |
| TD-23050   | QuickObject Database (qckdvc.apl) cQuickField crashing                                                                    |

| Issue Name | Issue Description                                                  |
|------------|--------------------------------------------------------------------|
| TD-23056   | Add constructors and parameters to ACA ctrl-space list             |
| TD-23063   | Buttons disappear from tab page in design mode after focus is lost |
| TD-23065   | .NET compile error after adding a Tree Item to a Tree Control      |
| TD-23082   | Grid - Tabbing thru columns not working correctly                  |
| TD-23115   | SaIRTFTextPaste function does not work with Unicode string         |
|            |                                                                    |

## 7 Contact information

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