opentext™

OpenText Gupta TD Mobile

Release Notes

2.3

Product Released: 2019-06-06

Release Notes Revised: 2019-05-20

Contents

1 Introduction

These Release Notes provide an overview of TD Mobile 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
2016-05-20	First release.	All new content.

2 About TD Mobile

This section provides an overview of TD Mobile 2.3.

TD Mobile 2.3 is a feature release that introduces programming enrichments, UX augmentations, updated Web offline mode and reporting fortifications.

2.1 New features

TD Mobile 2.3 includes the following new features.

2.1.1 Programming Enrichments

- **Application Start/Exit Events**: Start and Exit events can be defined under Client Resources->Events (Select application node in explorer tree).

- **Global Binds/Constants:** Under Client Resources in the explorer tree, global binds and constants can be defined. Once defined, they can be used on pages and dialogs.

2.1.2 New Sal APIs

- SalStrEncrypt/SalStrDecrypt – functions for easily encrypting strings using .NET AES encryption.

- SalRegexMatch/SalRegexSearch/SalRegexReplace/SalRegexReplaceAll – New regular expression functions for searching/replacing text using .NET regular expression syntax. Grammar details can be found here
    https://docs.microsoft.com/en-us/cpp/standard-library/regular-expressions-cpp?view=vs-2017

- SalWebUpdateConnection(sConnectionName, sConnectionString) can be used to dynamically update the connection string used by Data Operations.

- SalJSONDeserializeUDVEx()/SalJSONSerializeUDVEx(), these new functions have array parameters to allow users to provide custom request header values and query parameters.

- SalStrCompressEx()/SalStrUncompressEx(), functions that accept a binary receive parameter to store the compressed data.

- SalBinaryToString/SalStringToBinary supports two new flags, ENC_BIN (no code page conversion) and ENC_BASE64 (base64 encoding)

2.1.3   UX Augmentations

- **Native Date/Time Picker:** By default, TDM uses html 5 date type on input fields, which mobile browses will use to show their OS specific date control. A new Date/Time picker control has been added that uses an HTML based popup.

2.1.4   Web Offline Mode

- **Service Worker Offline Cache:** When enabling Offline Cache under build settings, a new option to use "Service Worker" has been added. When this is enabled, TDM will generate a td.sw.js that will be installed a service worker in the browser to facilitate caching static content for offline use. Note that not all mobile browsers support this.

2.1.5   IDE Features

- **Export/Import Languages:** When exporting/importing languages with the IDE, we now use the Windows List Separator regional setting as the delimiter for CSV output.

2.1.6   Reporting Fortifications

- **Dynamic Line Wrapping:** String data with newline characters, or data that is too long will wrap to new lines. Fields have a new property, Line Wrapping Behavior, to control this.

- **Watermarks:** Watermark image support. On the report object, a new property Watermark has been added. Watermarks can be defined using a static image, input/report variable, or text.

- **Conditional Formatting:** Controls now have a Back Color Formula and Border Formula. Similar to Report Builder, non-zero values will set the defined colors, otherwise default will be set.

- **Image Scaling:** Picture control now has a Scale and Scale Percentage property for controlling how the image is resized to fit the picture control.

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 TD Mobile are available on OpenText My Support (https://support.opentext.com).

3.1   Packaging and delivery information

The software and documentation for TD Mobile includes:

- TDMSetup.exe (Installation program 32bit)
- TDMSetup64.exe (Installation program 64bit)
- OpenText Gupta TD Mobile 2.1 Release Notes.pdf
- TDMobileApplicationDevelopment.pdf (English)
- TDMobileApplicationDevelopment_ja.pdf (Japanese)
- TDMobileSALGuide.pdf (English)
- TDMobileSALGuide_ja.pdf (Japanese)
- Installing Cordova.pdf (English)
- Installing Cordova_ja.pdf (Japanese)

3.2   Related documentation

For additional information about TD Mobile, 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/llisapi.dll/Open/62048528

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 Server 2019 Windows Server 2016 Windows 10 (32bit and 64bit) Windows 8.1 (32bit and 64bit) Windows Server 2012 (64bit) Windows 7 (32bit and 64bit)
.NET Framework	4.5

Databases Support	SQLBase 12.1, SQLBase 12.0, SQLBase 11.7, SQLBase 11.6
	Oracle 11g R2
	Oracle 12c
	Microsoft SQL Server 2008 (32bit client)
	Microsoft SQL Server 2012, 2014, 2016
	OLE DB (32-bit version)
	ODBC (32-bit version)
	MongoDB v2.x
Desktop Browsers	Internet Explorer 11 and later
	Firefox 26 and later
	Chrome 39 and later
Mobile Device Browsers	Android Chrome
	iOS Safari

4.2   OpenText product compatibility

The section provides details about which versions of other OpenText products are compatible with this release of TD Mobile 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	

4.3   Language support

TD Mobile is currently localized in the following languages. Additional languages may be available in future releases. UI = user interface only
B = both user interface and online help

Component	Languages							
	EN	DE	JA	FR	NL	PT	ES	RU
TD Mobile IDE	B	UI	B	UI	UI	UI	UI	
Report Designer	B		B					

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 TD Mobile, review these additional installation notes and verify related product or third-party product requirements.

- For a full installation of TD Mobile 2.3 have your PMC installation code at hand.

5.2 Upgrade notes

Before you upgrade, review these instructions.

The TD Mobile 2.2 installer will detect and upgrade previous versions of TD Mobile to version 2.3.

6 Fixed issues

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

Issue number	Issue description
TDM-1228	Implement cryptographic API
TDM-1239	Improve Web Reporting TEXT field to have text across multiple lines
TDM-1244	Allow trapping application wide event such as application exit
TDM-1257	Report designer feature conditional formatting
TDM-1291	Offline WEB: Support of Service Worker in replacement of deprecated AppCache
TDM-1320	message Error: Cannot read configuration file when app is stored on a shared drive.
TDM-1346	Support global binds/constants
TDM-1352	Layout GRID cannot be dragged out when located on a TDM page having a footer
TDM-1353	There are no options for image scaling when using the report designer
TDM-1377	Custom button images don't work if the button name has uppercase letters
TDM-1384	Add a native Date Time Picker to TDM and allow its localization
TDM-1387	New feature request - dynamic line wrapping in Report Designer
TDM-1397	TDM Report / Font Size in PDF
TDM-1400	SalDateYear/Month/Day/Hour/Minute/Second functions do not work in 'If' statements
TDM-1407	TDM crash when opening a modified apx file
TDM-1412	Ability to dynamically GET/SET connection strings for DATA class
TDM-1432	Internal Server Error when adding Operation
TDM-1442	After moving pushbuttons in a nav bar in the footer to a grid they no longer appear in the run
TDM-1443	Add watermarks feature on Report Designer for PDF object

TDM-1445	Export language to CSV file doesn't honor the Windows Regional Settings List Separator
TDM-1448	Fetching binary data returns invalid data when fetching data that got inserted using TD LONG STRING and LONG VARCHAR columns
TDM-1449	Data in list view not showing on the UI when the data is bound to a list view using nested UDV
TDM-1450	Duplicate Page and JavaScript functions when Including an .APX file in the File section containing global JavaScript function
TDM-1454	Unable to restart the application when an operation currently debugged reaches a breakpoint and is stopped
TDM-1457	Obfuscation in .NET provider causes issue with TDM debugger
TDM-1458	Web Report field background color ignores the Alpha (transparency) value of the RGBA color space for both HTML and PDF generated reports
TDM-1460	"An unexpected error occurred: object reference not set to an instance of an object" error when compiling subsequently a Cordova application
TDM-1461	Height of Data Field not honored at runtime when set in the IDE
TDM-1462	TMD Specific statement does not compile against Sql Server .NET and OLEDB provider when using TD .NET
TDM-1464	Description of functional class is not saved in the APX file
TDM-1465	Color mappings don't seem to work for all background text objects
TDM-1466	SqlDirectoryByName doesn't work with TDM2.2
TDM-1470	Allow [dialog_return] to bind to TDM supported data types bind
TDM-1472	JS error when using line break in a translation of a background text
TDM-1492	A deleted Table column header in the IDE can no longer be re-inserted when deleted

7   Contact information

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

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

For more information, visit www.opentext.com