TD Mobile™

New and Changed Features

Product Version 2.0.2

▽GUPTA

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Last updated: September 2015

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What's New in TD Mobile 2.0.2

The following new features have been added to TD Mobile 2.0.2

API

SalWebGetClientIP

This new function will return the clients IP address as a string.

setCaption

JavaScript controls in the Td.Controls namespace now have a setCaption function. This function can be used to update the controls associated caption text.

What's New in TD Mobile 2.0.1

The following new features have been added to TD Mobile 2.0.1

API

SalWebGetAppURL

A new function, SalWebGetAppURL, has been added that can be used to get the base application URL for the deployed application. This is useful when you need to construct absolute URL paths, which is often the case with hybrid applications as they can't fetch relative URL's like a browser based application can.

SalWebGetConnectionString

A new function, SalWebGetConnectionString, has been added that can be used to lookup connection string values defined in the application's Web.config file.   Rather than hard code a .NET connection string in SAL, a Web.config entry can be used and easily updated when deployed in customer environments without having to modify SAL code.

SalWebGetAppSetting

A new function, SalWebGetAppSetting, has been added that can be used to get general configuration options that are set in the app settings section of an application's Web.config file.

Controls

Label

The label control has been enhanced to allow HTML content in bind values. In previous versions of TD Mobile, any html markup would be escaped and not rendered.

Data Connectivity

Data Connection

Data connections have been enhanced to allow overriding of their connection string in the application's Web.config. If a connection string is configured in Web.config with an identical name as the Data Connection,

it will be used at runtime instead of the value specified in the IDE. This is useful for configuring the application at deployment without having to rebuild the application.

What's New in TD Mobile 2.0

The following new features have been added to TD Mobile version 2.0.

Hybrid Support

Hybrid Application Support

This new build option allows TDM projects to be linked to an Apache Cordova hybrid application. With this new build option, the TDM IDE configures the application so that it can be run as a hybrid application. The developer can then use Cordova's command line interface tool for building a native that targets Android, iOS, or Windows.

Barcode Scanner Plugin

Cordova offers a powerful barcode scanning plugin. If the hybrid build option is configured, a new event action ScanBarcode is available, which makes it easy to work with this native plugin.

Controls

Dialogs

You can now create custom dialog pages that can be opened using the ShowDialog event action.

Tables

A new Table control has been added. This control shows data in columns with a heading. It supports the ability to sort on columns and also to toggle columns on and off.

Menu

The menu has been enhanced to support fixed display on larger screens, allowing users to create a panel-like layout.

The menu also has a new item type called Menu List, which supports binding to an array to dynamically generate menu items.

Data Connectivity

Calculated Fields

You can now create fields on Data Classes that are computed from SAL expressions. This is useful if you want to combine one or more fields together for use on your page.

Identify Fields

You can now define more than one identify field per Data Class. This is useful for schemas that use composite primary keys.

API

SalWebCacheFile

A new function, SalWebCacheFile, has been added that can be used to cache binary data in memory for downloading by the browser later. This is useful for sending data that is either dynamically generated, or that comes from a database, without having to save it to disk first.