# What's New in Team Developer 6.3

## Language Enhancements

### Constructors and Destructors

Team Developer did lead the way to OOP programming. Team Developer introduced multiple inheritance on Windows, other powerful OOP features are legendary like windows base classes and property inheritance. TD 6.3 completes the OOP features by adding constructors and destructors to TD classes.



### Class Constructors

New class constructors. Define multiples of your own class constructors, each having their own set of parameters. Use constructors to initialize variables and set the right environment for the instance in creation. Let TD fire default constructors and handle different signature constructors on your own.

### Class Destructors

New class destructors. Automatically called when an instance of a class is destroyed. Use destructors to execute clean-up tasks when a class instance is in the process of being destroyed.



### More Language Features

- The Email class library SalMail can now send emails as blind copy (BCC). Receipt request and read request can be set to on.
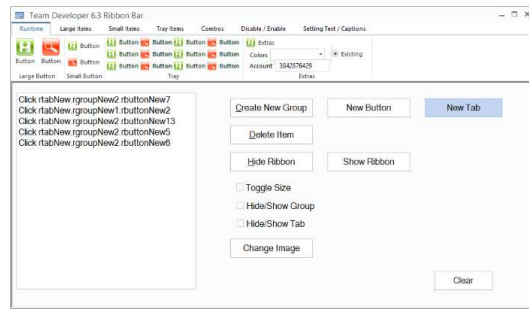
## Control Enhancements



### Use Ribbon Bar Gallery Controls to Create High Usability Applications

Use the new gallery control to create stunning, high usability applications for your users. The gallery control comes in two flavors: as a gallery and as a drop-down gallery.

## Modify Ribbon Bars at Runtime

Create ribbons and ribbon controls at runtime.

## Grid Group Totals

Turn on grid group totals and the grid will automatically display group totals for columns that have column aggregates set to on. New SAL function to retrieve the summary bar value.

## New Office 2013 Style Theme for the IDE and Your Apps

Team Developer 6.3 comes with an Office 2013-like theme for the IDE, and of course for your applications.
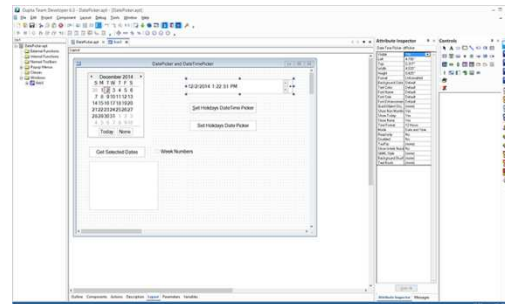
## More GUI Features

- New Native Menu API. Several new SalMenu functions replace the old VisMenu and possible WinAPI calls that have been used to modify menu structures and properties at runtime.
- Date and datetime pickers can set a date range to a selected color. You can retrieve multiple date selections. Set week numbers to on at runtime.
- New native menu API for runtime menu manipulation.
- PNG image file support everywhere. JPG image file support for push buttons.
- Optional runtime property dialog for the chart control.
- Word wrapping property in Attribute Inspector for rich text controls. SAL function to hide single rich text control toolbar buttons.
- Hint text for datafields and comboboxes.
- Borderless toolbar for dialogs, TD 4.2 style.

## Increased Productivity
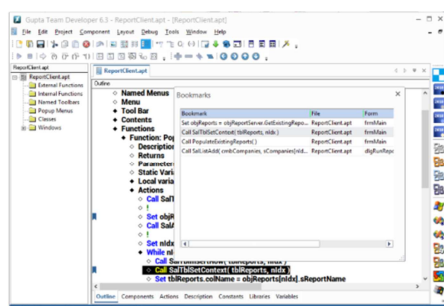
## Color Coded Outline Bookmarks

.NET debugging and deployment power, enhanced exception handling and many new useful APIs make Team Developer 6.2 a profound feature release for powerful 64-bit deployment and Web Services debugging for three-tier application development and deployment.

### Modernized IDE Dialogs

The TD IDE dialogs have been modernized to take advantage of higher resolution screens. Easier access to settings and properties of the IDE.
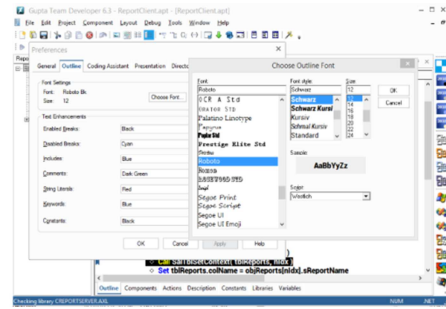


### More Productivity Features

- APT text is the new default file format for TD source code.
- You can now remote debug .NET Web Services provider.
- The TD .NET debugger can inspect UDVs, arrays and arrays of UDVs.
- The compiler Output window can be sorted by errors and warnings.
- Include multiple APL libraries from the include dialog.
- Predefined icon directory for app images.

## New Reporting Features
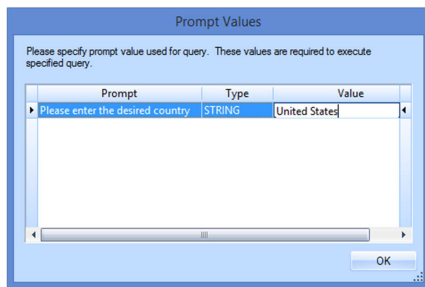


### Report Builder - Prompt for Query Condition Values

Team Define query condition values as "prompt for", specify a custom prompt text. When the query is executed Report Builder prompts for the value.

### New Report Designer for Web Services Based HTML and PDF Reports

Import existing reports into the new Report Designer. Execute the reports from within your .NET Web Services provider. Create HTML and PDF report, save them to disk and for example send an invoice email to customers.
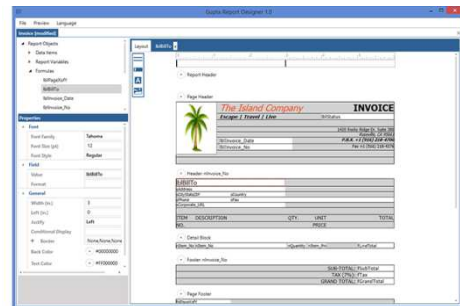


### More Reporting Features

- When designing a Report Builder report a new red triangle indicates when conditional display is defined for an object.
- The Report Builder clipboard size has been increased.
- Watermarks can be passed through an input variable. And conditional display for watermarks is available.