

# New Features in Team Developer Version 5.1

## Unicode Support

Unicode support is now available in SQLWindows, Report Builder, CDK, Quick Objects, Database Explorer, Web App Manager, Visual ToolChest, Object Nationalizer and Team Object Manager. Also all applications created before Team Developer 5.1 will be unicode enabled when opened in SQLWindows 5.1.

If you want to minimize the impact of migrating your dlls which were written against previous versions of Team Developer (i.e non-unicode versions) you need to read the document titled 'Team Developer ASCII API' which outlines how to do this. This document together with an example is available when you install the Team Developer Samples. It is located at: .../Samples/SQLWindows/SalASCII/

## Web Services support

A new wizard has been added to the SQLWindows tools menu which allows you to consume web services. Using the Web Services Wizard, one can generate a SAL interface library containing all the logic needed to interact with a remote web service. Using the popular and stable Axis2 API will allow you to communicate using either the RPC or document-style messaging, and includes support for complex types, arrays, lists, nested types, default values, type inheritance, any elements, and imports. For more details about Team Developer web services click on the following link: [Team Developer Web Services](#)

There is also some sample Web Services available if you install the Team Developer samples.

**Note:** You need to have .NET 2.0 on your machine to use the new Web Services Wizard.

## Connectivity

- Updated the routers to support the latest client drivers for Informix, Microsoft SQL Server, Oracle, SQLBase, and Sybase.
- Unicode support has been added for Microsoft SQL Server, Oracle, SQLBase, and Sybase routers.
- Support for the SQL Native Client driver for Microsoft SQL Server 2005 has been added.

## Report Builder PDF support

Added the ability to save a report as a PDF document. The SAL api SalReportPrintToFile has been updated to support the PDF format.

## Support for Themes

Built-in UI themes allow your application to have the overall look and feel of popular Microsoft products such as Microsoft Office 2007/2003/XP/2000 and Microsoft Visual Studio 2005.

At build time you can choose one of these themes or you can programmatically set the theme at runtime.

## Date Picker

The new date picker control looks like and has similar features as the mini-calendar in Microsoft Outlook.

Supports two SAL api's, SalSetDateTime & SalGetDateTime.

## Date Time Picker

The date and time picker control provides a simple and intuitive way to exchange date and time information with the user. The date and time picker control supports 12 and 24 hour time formats and can be customized to show only date, only time, and both date and time.

The embedded drop-down button invokes a pop-up date picker which allows you to select the desired date.

Supports two SAL api's, SalSetDateTime & SalGetDateTime.

## Tab Control

The new tab bar control differs from the existing Visual ToolChest (i.e. VT) tab control in that the tab bar control is not a container object like the VT tab control.

Each tab bar control comprises of zero or more tab pages. Also each page can have an icon associated with it and maintains a list of controls for that page. This association is done using the Tab Child item under the tab page item. This association can be done either using the outline editor or through the layout editor

For more details about this control go to 'Developing with SQLWindows': [Chapter 5, Tab Bar](#)

## Ribbon Bar

The ribbon bar can be used as another option for display of menu's. This feature is turned off by default. In order to enable this feature set the system variable, bMenuBarAsRibbonBar to TRUE in the 'On SAM\_AppStartup' message of the application. For more details about the ribbon bar go to 'Developing with SQLWindows':

[Chapter 6, Ribbon Bar](#)

## Grid Control

A new grid control as been added which supports a subset of the Sal Table Window api's. This new control can be added to a form window or created via the outline editor. The grid also supports using a 'Column Class' in the Grid Class (i.e. called 'Child Grid Class') or Control.

For more details about this control go to 'Developing with SQLWindows': [Chapter 5, Grid](#)

## WebHelp

Vista no longer supports winhelp format and so we moved our winhelp documentation to webhelp format.

Team Developer Guide to New Features