



A PLATINUM EQUITY COMPANY

## Team Developer 3.1

**Join the Winning Team...** GUPTA Team Developer (Team Developer) is the unparalleled winner when it comes to speed of developing rich-client, n-tier and Web based applications. Win projects with ultra fast application development. Create applications with winning performance. Team Developer 3.1 allows you to use the power of Object-Oriented Programming (OOP) to reuse your components for quicker development and more reliable code.

Thousands of customers worldwide are using Team Developer to deliver their applications quickly and gain a sharp competitive edge. Team Developer hides the complexities of underlying software systems to the developer, allowing fast migration from one version of Team Developer to another. Recently, a GUPTA customer shared that a code migration of their large 16-bit software project to Team Developer 3.0 took them only **one day** of migration effort. This time investment is minimal compared to the efforts needed to move from one version to another of other popular visual tools. Imagine what the improved performance in v3.1 provides you. GUPTA will provide a similar low-effort migration when moving from Windows to .NET technology. Just think about the future cost savings.

### Team Developer Key Features

#### **Easy Web Development and Powerful Deployment**

Leverage widely used Apache Web Servers on Linux to deploy Web Extensions Web applications. Enhanced documentation and many new sample applications allow you to get a jumpstart on Web development with Team Developer.

#### **Powerful and Flexible Reporting**

Version 3.1 brings pre-calculated total number of pages like "Page 4 of 12", text wrapping in page headers & footers, conditional formatting and page breaks, full paper tray support, changing printer settings in report file and the ability to use Windows International Settings for date to string functions.

#### **In-depth Debugging**

Easy and intuitive debugging significantly reduces the time of delivering a useable application. Features include a new breakpoints window, conditional debugger, run to cursor and step out.

#### **Best Team Developer Performance Ever**

Team Developer 3.1 is the fastest Team Developer release since GUPTA introduced 32-bit Team Developer in 1996. Large performance gains in runtime performance, object-oriented and COM+ code accelerate your applications.

#### **Easy XML**

Table Windows can interact with XML as a presentation and processing layer for XML data. Developers can generate XML documents and schemas from Team Developer Table Windows that can be used by any industry standard XML parser to read and validate the data. You can also import XML documents into Table Windows.

#### **Application GUI Enhancements**

Team Developer provides state-of-the-art GUI for Table Windows, by allowing developers to set/get the following attributes at runtime:

- ▶ Font Styles for an entire table window, a row, a row header, a column, a column header or a cell.
- ▶ Foreground and background colors for an entire table window, a row, a row header, a column, a column header or a cell.
- ▶ Separator line styles for a row or a column.
- ▶ Bitmap images for a cell, row header or column header.

Dialog Boxes and Toolbars are resizable. You can now set an attribute for horizontal and/or vertical scrollbars for Dockable Dialog Boxes or Toolbars.

### **Enhanced Oracle Router**

The SQL Router for Oracle has been enhanced to support Oracle 9i's LOB Datatype. You can transparently include LOB columns in select statements or even use DML against Oracle database tables with LOB datatypes.

### **OLE DB Improvements**

OLE DB has become the de facto industry standard for database access on Windows. It is fast and offers the full backend server functionality. Team Developer's OLE DB support makes it easy to transition from native routers to OLE DB. Team Developer 3.1 now supports the use of Universal Data Link (UDL) files for OLE DB connectivity.

## **Technical Specifications**

### **Supported Database Brands and Versions**

- ▶ SQLBase 6.x and above
- ▶ Oracle 7.x, 8.x and 9.x
- ▶ Microsoft SQL Server 7.0 and 8.0
- ▶ Sybase System 11 and 12
- ▶ All other databases and versions ODBC or OLE DB

### **Development System Requirements**

- ▶ Intel-based Pentium or higher PC
- ▶ Windows 98, ME, NT4, 2000 or XP (NT4, 2000 or XP recommended)
- ▶ 64 MB RAM
- ▶ 60 MB hard disk space
- ▶ Web server and browser (MS IE 5, or same as end user, recommended) required for testing Web applications
- ▶ Client connectivity software for database server of choice (see above)
- ▶ Microsoft Visual C++ 5.0 or later required for Object Compiler

### **Deployment System Requirements**

A Web Deployment License is required for each server application (COM/Web) that serves Team Developer applications to Web clients.

- ▶ Intel-based Pentium or higher PC
- ▶ Windows NT4, 2000 or XP Professional
- ▶ 64 MB RAM
- ▶ 60 MB hard disk space
- ▶ Web App Manager is required to serve Web client applications
- ▶ Web server is required to serve Web client applications
- ▶ Client software for database server of choice (see above)
- ▶ Microsoft Transaction Server (COM+) is recommended to serve COM objects

### **End-User System Requirements**

#### *Windows*

- ▶ Intel-based 486 or higher PC
- ▶ Windows 98, ME, NT4, 2000 or XP
- ▶ 16 MB RAM

#### *Web*

- ▶ Any type of machine
- ▶ Any operating system

HTML 3.1 or above Web browser (Microsoft Internet Explorer 5 recommended). HTML 4.0 browser is required for style sheets; XML parser required (e.g. MS IE 5) for XML UI components.

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