Crystal Reports 9.0 Developer Program Files Patch

Hot Fix: cr90devwin_en.zip
Language: English
Platform: Windows
Last updated on: 11/4/2004
FTP Location: ftp://ftp1.businessobjects.com/outgoing/EHF/cr90devwin_en.zip

WARNING:
While this Hot Fix has not been through a full QA regression test cycle, it has been thoroughly sanity tested and has been deemed to fix the problems reported below, but may inadvertently introduce other unforeseen issues. If you have a development environment, please use it there before applying it into your production environment.

Some of the issues resolved by this Hot Fix require the creation of new registry keys/subkeys or the editing of registry key/subkey values. Please note, using the Registry Editor can cause serious problems that may require reinstalling the operating system. Business Objects is not responsible for any problems resulting from using the Windows Registry Editor; use it at your own risk. Business Objects recommends that you back up the registry before you edit it. However, in most cases where these registry keys/subkeys need to be created, the Hot Fix install will create the key/subkey and set the default value.

Please refer to the readme information for each specific issue for the default and recognized values. For more information on creating and editing your system registry, please refer to the following Knowledge Base article.

http://support.businessobjects.com/library/kbase/articles/c2010398.asp

If this Hot Fix does not resolve a specific issue that is being experienced in your deployment and for further inquiries regarding this patch, contact Business Objects Customer Support. Please reference your existing incident number regarding this issue or your registration number for a currently supported product when contacting Customer Support.

A list of worldwide contact numbers for Technical Support is available at:
http://www.businessobjects.com/services/support/default.asp

This readme describes the issues that have been patched since initial release. Please ensure that all the components mentioned under each problem description has been patched. This patch updates the following files with this or a later version.

   The latest version of craxddrt9.dll is 9.2.3.1260 dated 10/19/2004
   The latest version of craxdrt9.dll is 9.2.3.1256 dated 10/15/2004
   The latest version of CRDesignerCtrl.dll is 9.2.2.649 dated 04/30/2004
   The latest version of crpe.h is dated 07/20/2004
   The latest version of crqe.dll is 9.2.1.625 dated 08/03/2004
   The latest version of CrystalDecisions.CrystalReports.Engine.dll is 9.2.9500.13 dated 08/19/2004
   The latest version of CrystalDecisions.Enterprise.Desktop.Report.dll is 9.2.9500.521 dated 08/11/2003
   The latest version of CrystalDecisions.Enterprise.Framework.dll is 9.2.9500.521 dated 08/11/2003
   The latest version of CrystalDecisions.Enterprise.InfoStore.dll is 9.2.9500.521 dated 08/11/2003
   The latest version of CrystalDecisions.Enterprise.PluginManager.dll is 9.2.9500.521 dated 08/11/2003
   The latest version of CrystalDecisions.ReportSource.dll is 9.2.9500.7 dated 08/26/2003
   The latest version of CrystalDecisions.Shared.dll is 9.2.9500.10 dated 02/05/2004
   The latest version of CrystalDecisions.VSDesigner.dll is 9.2.9466.5 dated 09/30/2002
   The latest version of CrystalDecisions.Web.dll is 9.2.9500.12 dated 05/07/2004
   The latest version of CrystalDecisions.Windows.Forms.dll is 9.2.9500.12 dated 03/25/2004
   The latest version of EnterpriseReportService.asmx is dated 03/13/2003
   The latest version of global32.bas is dated 04/29/2003

DEFECTS

Problem ID # ADAPT00330067

Description:
The method that returns database table qualifiers in an RDC application returns null data for reports that have not been verified against the database. This problem occurs only with reports that have been created in Crystal Reports 8.5.

The problem is that reports that have been created in Crystal Reports 8.5 lack a list of qualifiers until they are verified in Crystal Reports 9.0 or higher.

New Behavior:
The solution in this fix is to have the RDC parse the table qualifiers from the fully qualified table name when the method is used.

Known Limitation:
Only fully qualified table names, in which the table name is at the end (right side) and the qualifier delimiter is a period ("."), are supported.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.1219	09/08/2004

Problem ID # ADAPT00324522

Description:
Saved-data reports containing subreports with and without shared variables will prompt for the data source when exported to any record-based export format (e.g.: Microsoft Excel (Data Only), Text, Separated Values, etc.). When attempting to export a successful report instance in Crystal Enterprise, the error message, "Error retrieving data from the server: Not enough memory for operation." is returned instead.

New Behavior:
The state of shared variables was cached before they were evaluated and were not making use of the data saved with the report. The problem is resolved.

Known Limitation:
Reports with subreports in the Page Header and Footer sections utilizing shared variables may have unpredictable results when exported to a record-based format. This is generally not recommended and will have limited support.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1256	10/15/2004
craxdrt9.dll	9.2.3.1256	10/15/2004
crpe32.dll	9.2.3.1256	10/15/2004
crw32.exe	9.2.3.1256	10/15/2004

Problem ID # ADAPT00323364

Description:
Exporting a report to HTML 4.0 format from a .Net application results in an HTML page where all the columns are shifted to the left side. This only occurs with the CrystalDecisions.Shared.dll version 9.2.9500.2 and higher.

New Behavior:
A prior fix for <Div> tags redefined the style of the tags that Crystal Reports .Net uses. Exporting to HTML 4.0 format depends on this style name and the report engine is updated to use the new style.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9500.13	08/19/2004

Problem ID # ADAPT00287971

Description:
After adding or editing an input parameter to a Hierarchical OLEDB query (Chaptered rowset), an error message appears when the parameterized Hierarchical Query is saved. The error reads "Failed to open a rowset."

New Behavior:
Parameters can now be added to a Hierarchical/Chaptered OLEDB query when using Crystal Reports and OLE DB providers, such as Lawson OLEDB Query Builder.

Known Limitation:
After users save the query and return to the Database Expert, they must initialize all parameter default values so that the initial query produces a non-empty rowset. Crystal Reports requires a non-empty parent rowset to build child rowset schema information for the hierarchical query. An empty result set during editing still results in the error "Failed to open rowset."

The issue is corrected in the following component version, or later.

crqe.dll	9.2.1.622	05/24/2004

Problem ID # ADAPT00287717

Description:
A security vulnerability has been identified in a Crystal Reports component, which could allow an attacker to compromise a computer and possibly delete files. Computers that have the Crystal Reports component installed are open to attack, even when the component is not being used in any program.

New Behavior:
This problem is resolved.

The issue is corrected in the following component version, or later.

CrystalDecisions.Web.dll	9.2.9500.12	05/07/2004

Problem ID # ADAPT00285486

Description:
AddADOCommand does not release lock file to the database.

New Behavior:
The lock file is now released/deleted.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1260	10/19/2004
craxdrt9.dll	9.2.3.1256	10/15/2004

Problem ID # ADAPT00281243

Description:
Values for on-demand formulas may be inconsistent with values for print-time formulas. This problem may occur when users export or schedule reports to a Text format.

The cause of the problem is that records are not cycled when users go from the Details section to the Group Footer section, and then make changes to a formula within the Group Footer section. The print-time formulas become re-evaluated; however, the on-demand formulas retain their state. That inconsistency may cause incorrect values in the export, because the export relies on the print-time formula values.

New Behavior:
On-demand print-time formulas are forced to be re-evaluated when print-time formulas are re-evaluated.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1086	04/27/2004
craxdrt9.dll	9.2.3.1086	04/27/2004
crpe32.dll	9.2.3.1086	04/27/2004
crw32.exe	9.2.3.1086	04/27/2004

Problem ID # ADAPT00276662

Description:
Crystal Reports GPFs when a report contains a suppressed subreport using a total page count that is cut across page breaks.

The crash occurs because Crystal Reports is trying to update the total page count.

New Behavior:
If a subreport is suppressed, there is no need to update its total page count or its formula state because it will not be seen. Crystal Reports no longer tries to update the total page count on suppressed subreports.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1074	04/14/2004
craxdrt9.dll	9.2.3.1074	04/14/2004
crpe32.dll	9.2.3.1074	04/14/2004
crw32.exe	9.2.3.1074	04/14/2004

Problem ID # ADAPT00272955

Description:
When users open a report that has been created in Crystal Reports 8.5 and that has manually-added specified groups in Crystal Reports 9 or higher, the application terminates unexpectedly.

The group-value converting code in Crystal Reports 9 does not accommodate the method that is used in Crystal Reports 8.5.

New Behavior:
This problem is resolved.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1102	05/10/2004
craxdrt9.dll	9.2.3.1102	05/10/2004
crpe32.dll	9.2.3.1102	05/10/2004
crw32.exe	9.2.3.1102	05/10/2004

Problem ID # ADAPT00269370

Description:
Performance degradation occurs when refreshing reports created in Crystal version 8.5 products in version 9.

New Behavior:
The way the Query Engine performs cross-data joins is improved. Also, the selection criteria when both AND and OR arguments are involved is corrected in the Siebel Solution Kit driver.

The issue is corrected in the following component version, or later.

crqe.dll	9.2.1.623	06/22/2004

Problem ID # ADAPT00268959

Description:
When changing the order of parameters in the Field Explorer Window under the list of Parameter fields, the order will not be saved if the report is saved, closed and then reopened. The parameter order is always listed alphabetically.

New Behavior:
You can now modify the order of parameters within a command object. The position/order of the parameters can be moved & saved. The parameters will remain in their new position/order when the report is closed and reopened.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1068	04/08/2004
craxdrt9.dll	9.2.3.1068	04/08/2004
crpe32.dll	9.2.3.1068	04/08/2004
crw32.exe	9.2.3.1068	04/08/2004

Problem ID # ADAPT00262235

Description:
When users export a report, which contains subreports that use shared variables, to any record-based format (e.g.: Microsoft Excel, Text, etc.), the subreport prompts for the data source. Or, when exporting a successful instance of such a report through a viewer in Crystal Enterprise, the first export fails.

The problem is that the cached variable state is not retrieved properly when exporting subreports to record-based formats.

New Behavior:
A new method of mapping formula states has been introduced for all record-based export formats. This problem is resolved.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1073	04/13/2004
craxdrt9.dll	9.2.3.1073	04/13/2004
crpe32.dll	9.2.3.1073	04/13/2004
crw32.exe	9.2.3.1073	04/13/2004

Problem ID # ADAPT00258586

Description:
The Report Designer crashes when a report contains a text object that stretches over two pages. This problem occurs when the Keep Together option is set.

New Behavior:
This problem is resolved.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1050	03/18/2004
craxdrt9.dll	9.2.3.1050	03/18/2004
crw32.exe	9.2.3.1041	03/09/2004

Problem ID # ADAPT00254140

Description:
When using a RDC application to enumerate events, no values are returned when it is run twice in a loop.

To run twice in a loop, the loop would require use of a temporary variable.

New Behavior:
  A temporary variable is used for the loop. This problem is resolved.

  The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1009	02/03/2004
craxdrt9.dll	9.2.3.1009	02/03/2004

Problem ID # ADAPT00251603

Description:
  Processing a report that contains a blank memo field within a subreport may cause Crystal Reports to exit memory.

New Behavior:
  The issue was caused by memory that had not been initialized. This has been identified and corrected.

  The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1132	06/13/2004
craxdrt9.dll	9.2.3.1132	06/13/2004
crpe32.dll	9.2.3.1132	06/13/2004
crw32.exe	9.2.3.1132	06/13/2004

Problem ID # ADAPT00249069

Description:
  When the option "Use Indexes or Server for Speed" is checked, Crystal Reports is unable to correctly return data from Btrieve database tables that are linked by string and time fields.

  The cause of the problem is that the string/time field definition does not accommodate the "Use Indexes or Server for Speed."

New Behavior:
  This problem is resolved.

  The issue is corrected in the following component version, or later.

crdb_p2bbtrv.dll	9.2.1.112	01/29/2004
crqe.dll	9.2.1.619	02/13/2004
p2bbtrv.dll	9.2.1.9	01/29/2004

Problem ID # ADAPT00248814

Description:
  Some text may be truncated when viewing a report in the Report Viewer via Microsoft .Net 2003. Not enough space is provided for the text.

New Behavior:
  This problem is resolved.

  The issue is corrected in the following component version, or later.

CrystalDecisions.Windows.Forms.dll	9.2.9500.12	03/25/2004

Problem ID # ADAPT00233513

Description:

After applying Weekly Hotfix cr90devwin_en.zip, previewing reports with charts on Windows 98 causes an access violation in RDC applications.

New Behavior:
The violation is caused by the RequestSmartImageHandling() call. The fix involves disabling this call for Windows 98.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.1022	02/19/2004

Problem ID # ADAPT00232595

Description:
When users schedule within Crystal Enterprise with a Generic/Text Only Printer Driver, the following error appears: "Invalid printer specified." When printing to the same driver from Crystal Reports, no print job is sent to the printer spool.

New Behavior:
This issue is resolved.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.1074	04/14/2004
crpe32.dll	9.2.3.1040	03/08/2004
crw32.exe	9.2.3.1040	03/08/2004

Problem ID # ADAPT00230548

Description:
The currency symbol formula does not accept string values and incorrectly expects number values.

New Behavior:
The currency symbol formula accepts string values and no longer accepts number values.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.970	12/23/2003
crw32.exe	9.2.3.970	12/23/2003

Problem ID # ADAPT00230106

Description:
When users format a currency field and specify a currency symbol in the currency page of the custom style sheet, leading or trailing spaces are ignored and discarded.

Users control placement of the currency symbol, for placement before or after the currency value, by the setting the position value in the Currency Symbol dialog box.

New Behavior:
This problem is resolved.

Known Limitation:
This fix to honor the leading and trailing spaces is to support languages whose currency symbol follows the currency value.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1102	05/10/2004
crw32.exe	9.2.3.1116	05/24/2004

Problem ID # ADAPT00229071

Description:
Users can bypass row level security in a report that has 2 or more levels of grouping and a parameter field in the selection formula. To bypass security, users can modify the selection formula through the Active X Viewer to alter the recordset.

New Behavior:
This is problem is resolved.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.964	12/17/2003
craxdrt9.dll	9.2.3.964	12/17/2003

Problem ID # ADAPT00228728

Description:
Crystal Reports cannot report from the Active Directory for Microsoft's OLEDB Provider for Active Directory Services. Active Directory Services fails to process the query that is sent by Crystal Reports; Crystal Reports then displays an error message.

New Behavior:
In Crystal Reports, users can report from the Active Directory for Microsoft's OLEDB Provider for Active Directory Services, by manually designing a command table.

Also, the error message that informs users that no tables were retrieved is suppressed after passing authentication for the ADO data source.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1011	02/05/2004
craxdrt9.dll	9.2.3.1011	02/05/2004
crdb_ado.dll	9.2.1.538	02/10/2004
crw32.exe	9.2.3.1011	02/05/2004

Problem ID # ADAPT00226947

Description:
Adding a formula field to a report through the Section.AddSummaryFieldObject method causes a runtime error. The error thrown says: "Field is an invalid summary type." This problem occurs in craxdrt.dll version 8.5.0.674 and higher (CR 8.5), and in craxdrt9.dll version 9.2.3.843 and higher (CR 9.0).

The problem is caused when the formula fields are declared. When first declared, formula fields are not automatically compiled and, therefore, they do not resolve to any value. Without a value to work with, the summarization method throws the error.

New Behavior:
When formula fields are declared in the RDC, they are automatically compiled.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.953	12/05/2003

Problem ID # ADAPT00223846

Description:
OLAP reports that are designed with automatic totals do not show the automatic totals when published and viewed in Crystal Enterprise.

New Behavior:
  This problem is resolved.

  The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.990	01/12/2004
craxdrt9.dll	9.2.3.990	01/12/2004
crpe32.dll	9.2.3.990	01/12/2004
crw32.exe	9.2.3.990	01/12/2004

Problem ID # ADAPT00220260

Description:
  When using the FieldMapping event to map fields, while the useDefault property is set to False, all database
  table links are removed from the report.

New Behavior:
  This problem is resolved.

  The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.946	11/28/2003
craxdrt9.dll	9.2.3.946	11/28/2003

Problem ID # ADAPT00218814

Description:
  Passing an ADO recordset to a report in a VB application causes a crash.
  Data fields in the DataSet are mapped incorrectly. This causes the crash.

New Behavior:
  The link mapping to the report has been corrected.

  The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.918	11/03/2003
craxdrt9.dll	9.2.3.918	11/03/2003
crpe32.dll	9.2.3.918	11/03/2003

Problem ID # ADAPT00214813

Description:
  The cr90devwin_en.zip (10/9/03) patch causes an error in date fields. The Report Designer Component does
  not properly compare date fields to a hard-coded value of 0/0/0 12:00:00 AM, when connecting through
  OLEDB or ODBC. The date is shown as {ts '-4714-12-31 00:00:00'}; it should be shown as {ts '1899-12-30
  00:00:01'}. This error exists in V10 too.

  The cause of the problem is that the Report Designer Component compares DateTime with the same null
  value.

New Behavior:
  This problem is resolved, for versions 9 and 10.

The issue is corrected in the following component version, or later.

craxddrt9.dll		01/08/2004
craxdrt9.dll	9.2.3.986	01/08/2004
crpe32.dll	9.2.3.986	01/08/2004
crqe.dll	9.2.1.617	01/08/2004
crw32.exe		01/08/2004
querybuilder.dll	9.2.1.523	01/08/2004

Problem ID # ADAPT00214064

Description:
In the Crystal Report Designer, database schema does not appear in the "Set Database Location" dialog box.

New Behavior:
Database schema is displayed in the "Set Database Location" dialog box, as a qualifier under the table properties.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.945	11/27/2003
crw32.exe	10.0.5.613	03/02/2004
crw32.exe	9.2.3.945	11/27/2003

Problem ID # ADAPT00212276

Description:
When a report contains subreports that are imported through UNC paths, the report is slow to open when the network connection is down.

Crystal Reports checks to see if the UNC pathname exists, before it checks to see if the user wants to re-import the subreport. This causes an uncecessary delay in opening the report.

New Behavior:
The order of operations when opening a report is reversed: the new algorithm checks the pathname after the user chooses to re-import.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.950	12/02/2003
crpe32.dll	9.2.3.950	12/02/2003
crw32.exe	9.2.3.950	12/02/2003

Problem ID # ADAPT00211402

Description:
Crystal Reports 9 crashes when reporting off complex Crystal Query files.
Complex Crystal Query files often contain more than 40,000 characters. The larger number of characters create an overflow in the memory allocator, and causes the crash.

New Behavior:
The type of the memory allocator function has been changed from 16-bit to 32-bit. This problem is resolved.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.899	10/15/2003
craxdrt9.dll	9.2.3.899	10/15/2003
crpe32.dll	9.2.3.899	10/15/2003
crw32.exe	9.2.3.899	10/15/2003

Problem ID # ADAPT00211239

Description:

When running a Windows application that contains a Table.SetDataSource method, the following error message is thrown: "An Exception 'System.ExecutionEngineException' has occurred in appname.exe." This problem occurs after updating Crystal Reports with the current version of the CrystalDecisions.CrystalReports.Engine.Dll.

The garbage collector recycles the DataSet prematurely. This causes the Database to lose its collection of table objects, and throw the error.

New Behavior:

The ReportDocument holds onto the Database, which maintains the Tables and their Table objects.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9500.10	10/16/2003

Problem ID # ADAPT00209010

Description:

Leading or trailing spaces on string parameter values are trimmed when the parameter is created. The result is that no spaces appear between strings.

New Behavior:

The code for trimming leading or trailing spaces in parameter values has been removed to allow spaces in parameters.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.891	10/07/2003
craxdrt9.dll	9.2.3.891	10/07/2003
crw32.exe	9.2.3.893	10/09/2003

Problem ID # ADAPT00206726

Description:

An error occurs in Crystal Reports 9 when the users opens certain reports, clicks the Design tab, and then clicks the Preview tab. This occurs with reports designed in Crystal Reports 8.5 that are based off a dictionary file.

The problem is caused by an internal function that evaluates on-demand formulas, which incorrectly sets the print state.

New Behavior:

This problem is resolved.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.884	09/30/2003
crpe32.dll	9.2.3.884	09/30/2003
crw32.exe	9.2.3.884	09/30/2003

Problem ID # ADAPT00204919

Description:

Passing an ADO.NET DataSet object to a subreport table using the Table.SetDataSource method throws the exception: "An unhandled exception of type 'System.ExecutionEngineException' occurred in crdb_adoplus.dll"

New Behavior:

The problem is resolved.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9500.10	10/16/2003

Problem ID # ADAPT00202773

Description:
Setting a text object's Left property at run time fails with the error message "Invalid text or object handle."

The problem is caused by a member variable that fails to be initialized. This member variable also caused unpredictable behavior in release builds.

New Behavior:
This problem is resolved.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9500.8	09/16/2003

Problem ID # ADAPT00201962

Description:
When using the FieldElements.Add function of a text object to add a field object in the middle of the text object, the text in the text object is erased.

New Behavior:
This problem is resolved.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.884	09/30/2003
craxdrt9.dll	9.2.3.884	09/30/2003

Problem ID # ADAPT00195261

Description:
When the RDC is used to change the VarCount / UseCount of a parameter field, reports with saved data are forced to query the database again.

New Behavior:
The RDC internally bypasses a query of the database, when the VarCount / UseCount of a parameter field is used. The problem is resolved.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.843	08/20/2003

Problem ID # ADAPT00191944

Description:
When using the Embeddable Designer Control to modify a report object in the managed environment of Visual Studios .Net, the report object is not released until garbage collection. This can cause an access violation when the .Net application is closed because the report object contains a reference to the Crystal Reports ActiveX Design and Runtime library.

New Behavior:
The report object is released properly by the Embeddable Designer Control.

The issue is corrected in the following component version, or later.

CRDesignerCtrl.dll	9.2.2.649	04/30/2004

Problem ID # ADAPT00191286

Description:
  If a report contains a formula error and is published to the BW server, the system hangs rather than display the appropriate error message.

New Behavior:
  This problem is resolved.

  The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.843	08/20/2003
crpe32.dll	9.2.3.844	08/21/2003
crw32.exe	9.2.3.850	08/27/2003

Problem ID # ADAPT00191128

Description:
  EnterpriseReportService.asmx causes a new Page Server to access the database on every request for a page, rather than use cookies.

New Behavior:
  Cookies were not being sent back to Page Server. This has been fixed.

  The issue is corrected in the following component version, or later.

CrystalDecisions.ReportSource.dll	9.2.9500.7	08/26/2003
CrystalDecisions.Shared.dll	9.2.9500.7	08/26/2003
CrystalDecisions.Web.dll	9.2.9500.7	08/26/2003

Problem ID # ADAPT00189864

Description:
  Applying the cr90devwin_en.zip hotfix that is dated 07/18/2003 causes errors in RAS .NET applications.

New Behavior:
  The .Net managed components were looking for matching assembly versions from the Enterprise .NET components. The problem has been resolved by adding the latest Enterprise .NET components to the hotfix.

  The issue is corrected in the following component version, or later.

CrystalDecisions.Enterprise.Desktop.Report.dll	9.2.9500.521	08/11/2003
CrystalDecisions.Enterprise.Framework.dll	9.2.9500.521	08/11/2003
CrystalDecisions.Enterprise.InfoStore.dll	9.2.9500.521	08/11/2003
CrystalDecisions.Enterprise.PluginManager.dll	9.2.9500.521	08/11/2003

Problem ID # ADAPT00186858

Description:
  When viewing a report that contains command table, the database connections are not released.

New Behavior:
By default, the rowset was being saved, which prevented release of the database connection. A registry key has been added that can be set to determine whether the rowset should be saved.

Registry key:
[HKEY_LOCAL_MACHINE\Software\Crystal Decisions\9.0\Crystal Reports\Database]
"AllowSaveRowsetToFetchingData"="No"

The issue is corrected in the following component version, or later.

crqe.dll	9.2.1.612	07/22/2003

The following registry keys also apply to this patch:

WARNING: Using the Registry Editor can cause serious problems that may require reinstalling the operating system. Crystal Decisions is not responsible for any problems resulting from using the Windows Registry Editor; use it at your own risk. Crystal Decisions recommends that you back up the registry before you edit it.

SubKey:	HKEY_LOCAL_MACHINE\Software\Crystal Decisions\9.0\Crystal Reports\Database\AllowSaveRowsetToFetchingData
Type:	STRING
Recognized Values:	Yes;No
Default Value:	Yes
Creation Method:	Hot Fix Installation

Problem ID # ADAPT00184910

Description:
The EnableHideForDrillDown AreaFormat property does not return the correct value.

New Behavior:
This property has been fixed to return the correct value. Also, the value for the property can now be set.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9500.6	08/12/2003

Problem ID # ADAPT00182861

Description:
Fields that contain large numbers of string characters will truncate in the windows form viewer.

New Behavior:
Anti-aliasing is now turned off by default, which appears to make the fonts slightly narrower; the clipping problem is alleviated.

The issue is corrected in the following component version, or later.

CrystalDecisions.Windows.Forms.dll	9.2.9500.5	07/24/2003

Problem ID # ADAPT00180809

Description:
In a Web Form application, printing a report from within a frame in the web browser causes the frame to become unresponsive.

New Behavior:
Adobe Acrobat Reader now starts up from within the frame instead of sending a PDF attachment.

The issue is corrected in the following component version, or later.

CrystalDecisions.Web.dll	9.2.9500.4	06/28/2003

Problem ID # ADAPT00180472

Description:
The description fields for a report that was designed in Crystal Reports 8.5 may be truncated, if the report is viewed in Crystal Reports 9. This problem is more serious for users who have reports packaged by an application that does not allow users to adjust the size of fields in the reports.

In a related problem, fields are not truncated when the "Can Grow" feature is disabled. If the user exports a report to HTML from Crystal Reports, or views their report through the DHTML, Java, or ActiveX Viewer in Crystal Enterprise, the setting for the "Can Grow" feature is ignored; the field grows to accommodate the full length of the string.

New Behavior:
Field descriptions are no longer truncated.

Known Limitation:
When viewing, sometimes a string field is split at a dash "-" or parentheses "()" if the length of text is larger than its encompassing <div> tag width. This means that any text with dashes or parentheses that should be truncated will have the string wrapped to the next line instead; strings that are wrapped are not truncated. In that case, the solution is to widen the field.

Also, the "Can Grow" feature does not work with numeric fields; numeric fields accommodate the full length of the number.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.944	11/26/2003
craxdrt9.dll	9.2.3.944	11/26/2003
crpe32.dll	9.2.3.944	11/26/2003
crw32.exe	9.2.3.944	11/26/2003

The following registry keys also apply to this patch:

WARNING: Using the Registry Editor can cause serious problems that may require reinstalling the operating system. Crystal Decisions is not responsible for any problems resulting from using the Windows Registry Editor; use it at your own risk. Crystal Decisions recommends that you back up the registry before you edit it.

SubKey:	HKEY_CURRENT_USER\Software\Crystal Decisions\9.0\Crystal Reports\SavedData\TruncateClippedFieldStrings
Type:	STRING
Recognized Values:	Yes; No
Default Value:	No
Creation Method:	Software

Problem ID # ADAPT00180271

Description:
In a Web Form application, clicking the print button consecutively in a report residing within a frame causes an "Access Denied" error.

New Behavior:
Adobe Acrobat Reader now starts up within the frame of the browser and thus makes this problem no longer applicable.

The issue is corrected in the following component version, or later.

CrystalDecisions.Web.dll	9.2.9500.4	06/28/2003

Problem ID # ADAPT00179929

Description:
When previewing a report in the .NET Web Form viewer, multi-line text object formatting differs from the formatting in the report.

New Behavior:
The .NET Web Form viewer now renders line spacing the same as is set in the report.

The issue is corrected in the following component version, or later.

CrystalDecisions.Shared.dll	9.2.9500.5	07/15/2003

Problem ID # ADAPT00176798

Description:
When printing several reports with subreports in succession through the RDC, the system may crash.

New Behavior:
A false pointer that was generated when the subreports were added to the application's document list caused the crash. The pointer was not being removed afterwards. The subreports are now removed properly from the document list after printing; the crash should no longer occur.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.809	07/17/2003
craxdrt9.dll	9.2.3.809	07/17/2003

Problem ID # ADAPT00176566

Description:
When using a selection formulae such as "Field < X and Field <> Y", if Y is greater than X, Crystal Reports crashes.

New Behavior:
The problem is now fixed.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.814	07/22/2003
craxdrt9.dll	9.2.3.814	07/22/2003
crw32.exe	9.2.3.814	07/22/2003

Problem ID # ADAPT00175452

Description:
In reports, dates that are based on a DB2 table through ODBC, and have a date field with a value of 01/01/0001 (default value for NULL in DB2), are returned as 1/1/2001 in Crystal Reports 9.0 or higher. In Crystal Reports 8.5, the same report works successfully and its date is returned as 1/1/1.

The cause of the problem is that the date structure in CR 9.0 or higher has a lower bound of January 01, 100 AD. So, 01/01/0001 cannot be recognized as a valid value.

New Behavior:
The year is temporarily increased by the number of years (100 or multiples of 100), and then it is decreased by the same number of years when the date is converted to DateTime.

Known Limitation:
Users must install the latest version of crw32.exe and crqe.dll, and then create a registry key to HKEY_CURRENT_USER or HKEY_LOCAL_MACHINE as follows: Software\Crystal Decisions\9.0 or 10.0\Crystal Reports\Database\NumberOfYearToShift=100 or multiples of 100 as a String value. The patch does not create the registry key.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1183	08/03/2004
craxdrt9.dll	9.2.3.1183	08/03/2004
crpe32.dll	9.2.3.1183	08/03/2004
crqe.dll	9.2.1.625	08/03/2004
crw32.exe	9.2.3.1183	08/03/2004

Problem ID # ADAPT00175408

Description:
On Microsoft Windows NT4 operating systems, hyperlinks longer than 259 characters in a report were being truncated.

New Behavior:
Hyperlinks are no longer truncated on Windows NT4 operating systems.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.794	07/01/2003
craxdrt9.dll	9.2.3.794	07/01/2003
crpe32.dll	9.2.3.794	07/01/2003
crw32.exe	9.2.3.794	07/01/2003

Problem ID # ADAPT00175235

Description:
In the Crystal Reports 9 Report Designer Component, using the "MsgBox" call to display a multi-lined text string stored in a variable would remove the carriage returns.

New Behavior:
When using the "MsgBox" call to display a multi-lined text string stored in a variable, the carriage returns are preserved.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.784	06/19/2003
craxdrt9.dll	9.2.3.784	06/19/2003

Problem ID # ADAPT00174460

Description:
Closing the Windows Form viewer before it has finished loading results in an unhandled .NET exception.

New Behavior:
The exception no longer occurs when closing the Windows Form viewer prematurely.

The issue is corrected in the following component version, or later.

CrystalDecisions.Windows.Forms.dll	9.2.9466.13	06/09/2003

Problem ID # ADAPT00172822

Description:
When viewing a report that contains a subreport based on a secure database in .NET through RAS 9 and Crystal Enterprise 9, the logon information stored in the Crystal Management Console does not get propagated to the subreport. As a result, the user gets an "incorrect logon parameters" error.

New Behavior:
The database logon information is propagated when viewing a report in .NET through RAS 9 and Crystal Enterprise 9.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9500.2	06/19/2003
CrystalDecisions.ReportSource.dll	9.2.9500.2	06/19/2003
CrystalDecisions.Shared.dll	9.2.9500.2	06/19/2003
CrystalDecisions.Web.dll	9.2.9500.4	06/28/2003
CrystalDecisions.Windows.Forms.dll	9.2.9500.2	06/19/2003

Problem ID # ADAPT00171684

Description:
When you change the location of a table at runtime, the procedures that are stored in the database execute, although they have parameter values that are "null".

New Behavior:
The RDC logic now does not verify ADO recordsets, or execute procedures that are stored with parameter values that are "null". The problem has been fixed.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.765	05/27/2003
craxdrt9.dll	9.2.3.765	05/27/2003
crpe32.dll	9.2.3.764	05/26/2003
crqe.dll	9.2.1.606	05/23/2003
crw32.exe	9.2.3.765	05/27/2003

Problem ID # ADAPT00170558

Description:
The Web Form viewer's tags would disrupt the formatting of other tags on the web page on which it is embedded. Most noticeably, it would disrupt <DIV> tags.

New Behavior:
The Web Form viewer no longer disrupts any existing tags when it is embedded on a web page.

The issue is corrected in the following component version, or later.

CrystalDecisions.Shared.dll	9.2.9500.2	06/19/2003
CrystalDecisions.Web.dll	9.2.9500.2	06/19/2003

Problem ID # ADAPT00167576

Description:
Customized map layers cannot be saved in the Report Designer and Report Designer Component.

New Behavior:
The sequence of saving customization in map layers is corrected. Users can now save changes in map layers properly in the Report Designer and Report Designer Component.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.772	06/03/2003
crpe32.dll	9.2.3.772	06/03/2003
crw32.exe	9.2.3.772	06/03/2003

Problem ID # ADAPT00167206

Description:

If a report contains repository items and the report is refreshed, any repository items that are located within a subreport are not updated. However, the repository items in the main report are updated.

New Behavior:
A change has been made to allow the repository to update objects in subreports as well as objects in the main report.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.787	06/22/2003
craxdrt9.dll	9.2.3.787	06/22/2003
crpe32.dll	9.2.3.787	06/22/2003
crw32.exe	9.2.3.787	06/22/2003

Problem ID # ADAPT00164331

Description:
When you create a report that is based on an SQL Command and another table, and link the SQL Command and the other table, an error to appears the first time the report is refreshed. Any subsequent refreshes do not generate the error, and return the data as expected.

New Behavior:
This issue has been fixed.

The issue is corrected in the following component version, or later.

crqe.dll	9.2.1.610	06/02/2003

Problem ID # ADAPT00164136

Description:
When using the RDC to pass an ADO record set to a report based on a TTX file, the fields from the record set are mapped to the report by name instead of by index. Consequently, the fields in the record set must have the exact same names as the fields in the report structure. If a field name in the report does not match a field name in the record set, the field is removed from the report.

New Behavior:
When using the RDC to pass an ADO record set to a report based on a TTX file, the fields from the record set are mapped to the report by name. However, if the all field names in the record set do not match any of the field names in the report, then the fields are mapped by position. If one of the field names in the record set matches any one of the field names in the report then all fields are mapped by name. In a mixed situation the mapping is done by name and any fields that did not match would be dropped from the report.

To disable field name mapping completely and use position field mapping, set the following registry subkey value to "Yes":

HKEY_CURRENT_USER\Software\CrystalDecisions\9.0\Crystal Reports Designer Component\DatabaseOptions\MapFieldsByOrdinalForAttachedRecordset

Known Limitation:
1) If the field name method is used for mapping, all record set fields must use this method.
2) The report field headings are not replaced with the associated field names from the ADO record set.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.738	04/30/2003
craxdrt9.dll	9.2.3.738	04/30/2003
crpe32.dll	9.2.3.738	04/30/2003
crw32.exe	9.2.3.738	04/30/2003

The following registry keys also apply to this patch:

WARNING: Using the Registry Editor can cause serious problems that may require reinstalling the operating system. Crystal Decisions is not responsible for any problems resulting from using the Windows Registry Editor; use it at your own risk. Crystal Decisions recommends that you back up the registry before you edit it.

SubKey:	HKEY_CURRENT_USER\Software\Crystal Decisions\9.0\Crystal Reports Designer Component\DatabaseOptions\MapFieldsByOrdinalForAttachedRecordset
Type:	STRING
Recognized Values:	No, Yes
Default Value:	No
Creation Method:	Hot Fix Installation

Problem ID # ADAPT00161234

Description:
Exporting from the .NET viewer using RAS to Microsoft Word or Rich Text Formats exports only the first page.

New Behavior:
The start and end pages needed to be set to 0 if all pages were to be exported to Microsoft Word or RTF formats using RAS.

The issue is corrected in the following component version, or later.

CrystalDecisions.ReportSource.dll	9.2.9500.2	06/19/2003

Problem ID # ADAPT00159344

Description:
Several Print Engine calls (such as PEGetSQLQuery, PESETSQLQuery, PEGetNthFormula, PESetNthFormula, PEGetGroupCondition, and PESetGroupCondition) are handling Unicode strings incorrectly, thereby causing incorrect translation.

New Behavior:
The logic to translate Unicode strings is modified so that all the Print Engine calls now handle Unicode string translations properly.

The issue is corrected in the following component version, or later.

crpe32.dll	9.2.3.737	04/29/2003
crw32.exe	9.2.3.737	04/29/2003
global32.bas		04/29/2003

Problem ID # ADAPT00157480

Description:
When using the version 9 RDC and a TTX file, variant fields from ADO recordsets are converted to strings, rather than to field types belonging the TTX file.

New Behavior:
This problem is resolved.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.733	04/25/2003
craxdrt9.dll	9.2.3.733	04/25/2003
crpe32.dll	9.2.3.733	04/25/2003
crw32.exe	9.2.3.733	04/25/2003

WARNING: Using the Registry Editor can cause serious problems that may require reinstalling the operating system. Crystal Decisions is not responsible for any problems resulting from using the Windows Registry Editor; use it at your own risk. Crystal Decisions recommends that you back up the registry before you edit it.

SubKey:	HKEY_CURRENT_USER\Software\Crystal Decisions\9.0\Crystal Reports Designer Component\DatabaseOptions\DontVerifyAttachedRecordset
Type:	STRING
Recognized Values:	Yes and No
Default Value:	No
Creation Method:	Hot Fix Installation

Problem ID # ADAPT00156101

Description:
Attempting to set the location of a Pervasive database table using the PESetNthTableLocation method results in runtime errors.

New Behavior:
Setting the location of Pervasive tables using the PESetNthTableLocation method now works correctly.

Known Limitation:
Two report options and one global option must be disabled for this feature to work properly.

The report options must be disabled on the report level and can be disabled through the Crystal Reports UI or through code.

To disable the options through Crystal Reports, on the File menu, click Report Options. Under the "General Settings" section, uncheck the "Verify on First Refresh" and "Verify Stored Procedures on First Refresh" options.

To disable these options through code, set the following properties of the PEReportOptions object:
PEReportOptions.verifyOnEveryPrint = PEFALSE;
PEReportOptions.verifyStoredProceduresOnFirstRefresh = PEFALSE;

To set the appropriate global option through Crystal Reports, on the File menu, click Options and then click the Database tab. In the Advanced Options section, uncheck the "Verify When Database Driver Upgraded" option.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.723	04/16/2003
craxdrt9.dll	9.2.3.723	04/16/2003
crpe32.dll	9.2.3.723	04/16/2003
crw32.exe	9.2.3.723	04/16/2003

Problem ID # ADAPT00153808

Description:
In reports based on stored procedures that have parameters linked to subreport parameters, the values of the subreport parameters are not populated correctly when the report's database is verified. This incorrect populating causes default values to be passed as parameters to the report's stored procedure. If these parameters are used to identify the database in the stored procedure, an SQL error is generated.

New Behavior:
Crystal Reports now has the ability to determine the value of a subreport parameter that is linked to a main report parameter when verifying the database. The subreport parameter value is now updated correctly.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.723	04/16/2003
craxdrt9.dll	9.2.3.723	04/16/2003
crpe32.dll	9.2.3.723	04/16/2003
crw32.exe	9.2.3.723	04/16/2003

Problem ID # ADAPT00153695

Description:
Using the ActiveX or DHTML viewers to view reports containing full-page charts results in the charts being partially truncated when displayed.

New Behavior:
Charts are no longer truncated when displayed in the ActiveX and DHTML viewers.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.729	04/22/2003
craxdrt9.dll	9.2.3.729	04/22/2003
crpe32.dll	9.2.3.729	04/22/2003
crw32.exe	9.2.3.729	04/22/2003

Problem ID # ADAPT00153472

Description:
Exporting to HTML from the COM+ engine causes extra extended characters to be displayed in the output. The export is performed without the UTF-8 byte order mark. This causes Microsoft Internet Explorer not to be able to detect that the encoding is UTF-8, so the browser assumes that the encoding is ASCII (or some other non-UTF-8 format), and extra characters are added.

New Behavior:
UTF-8 (BOM) encoding is now specified so that the export is performed without extra characters being added to the HTML output.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9466.12	04/03/2003

Problem ID # ADAPT00152956

Description:
When .Net applications are used on Windows 98, they crash when they access the SortFields property.

New Behavior:
The problem has been identified in a particular string function that does not work properly on Windows 98. The string function has been replaced with one that works properly. The .Net applications should no longer crash when they access the SortFields property on Windows 98.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9466.13	05/14/2003

Problem ID # ADAPT00151030

Description:
If tables were listed by description, or by name and description, tables could not be removed after they were added in the Standard Report Creation Wizard in the Report Designer.

New Behavior:
The logic is corrected to always use the actual table or field names, rather than the descriptions, when referring to objects. Tables and fields can be added and removed without error, even if the description, or the name and description, are used in the table/field listing option.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.794	07/01/2003
crw32.exe	9.2.3.794	07/01/2003

Problem ID # ADAPT00149548

Description:
In a .NET webform application, when the SeperatePages property is set to false, and the New Page After option is set on the group footer, an error message appears: "Specified argument was out of the range of valid values. Parameter name: value". This occurs on large reports.

New Behavior:
Large reports no longer throw an exception when SeparatePages is set to false.

The issue is corrected in the following component version, or later.

CrystalDecisions.Web.dll	9.2.9500.5	07/29/2003

Problem ID # ADAPT00147181

Description:
When the user upgrades Crystal Reports 8.5 ERP reports (such as Baan or SAP) to version 9, the database drivers are matched incorrectly.

New Behavior:
The Report Designer and the Print Engine have been modified so that the version 8.5 and 9 drivers are matched correctly.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.738	04/30/2003
craxdrt9.dll	9.2.3.738	04/30/2003
crpe32.dll	9.2.3.738	04/30/2003
crw32.exe	9.2.3.738	04/30/2003

Problem ID # ADAPT00147004

Description:
If the Windows Form viewer is set to "TopMost," dialog boxes are shown behind the viewer. As the dialogs are not accessible, this will force the user to terminate the application.

New Behavior:
The Print Engine now sets the owner on the dialog box to be the viewer, thus rectifying the problem.

The issue is corrected in the following component version, or later.

CrystalDecisions.Windows.Forms.dll	9.2.9500.10	01/29/2004

Problem ID # ADAPT00146016

Description:
In Crystal Reports, the following error message is displayed when an invalid character is used in the database table alias name: Query Engine Error: "The alias requested "my\aliasname", contains a combination of characters which is not considered to be valid". The invalid characters are: .:{}()@&$#^!*~|%", -+>,/\`

New Behavior:

A registry subkey now exists that Crystal Reports uses to identify what characters are considered to be invalid for alias names. By default, the registry subkey value data contains the following characters: .:{}()@&$#^! *~|%"- If you wish to use one of the invalid characters in an alias name, remove the desired character from the registry subkey value data.

The registry subkey is:

HKEY_LOCAL_MACHINE\Software\Crystal Decisions\9.0\Crystal Reports\Database\InvalidAliasCharList

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.723	04/16/2003
craxdrt9.dll	9.2.3.723	04/16/2003
crpe32.dll	9.2.3.723	04/16/2003
crqe.dll	9.2.1.605	04/16/2003
crw32.exe	9.2.3.723	04/16/2003

The following registry keys also apply to this patch:

WARNING: Using the Registry Editor can cause serious problems that may require reinstalling the operating system. Crystal Decisions is not responsible for any problems resulting from using the Windows Registry Editor; use it at your own risk. Crystal Decisions recommends that you back up the registry before you edit it.

SubKey:	HKEY_LOCAL_MACHINE\Software\Crystal Decisions\9.0\Crystal Reports\Database\InvalidAliasCharList
Type:	STRING
Recognized Values:	any character value
Default Value:	.:{}()@&$#^!*~|%"-
Creation Method:	Hot Fix Installation

Problem ID # ADAPT00144899

Description:

When using Crystal Reports 9.0 with RAS 9.0 and the Visual Studio .Net Crystal Web viewer, users might have noticed that the bottom part of the letters "g" and "y" was cut off. This would occur only if the font was Arial (size 11 or 12).

New Behavior:

The section on the report is now rendered correctly without any character truncation.

The issue is corrected in the following component version, or later.

CrystalDecisions.Shared.dll	9.2.9466.11	02/27/2003

Problem ID # ADAPT00144565

Description:

String types in a dataset would be reduced in size by half after conversion from the .NET type to Crystal Reports. This occurred because Crystal Reports expects string sizes to be a number of bytes, whereas in .NET, strings are stored in Unicode format.

New Behavior:

The length of String fields will no longer be halved after conversion from the .NET type.

The issue is corrected in the following component version, or later.

CrystalDecisions.ReportSource.dll	9.2.9466.8	03/19/2003

Problem ID # ADAPT00144552

Description:

A Decimal .NET field type in a dataset is converted to Currency type instead of Number type in Crystal Reports .NET and RAS.

New Behavior:

Decimal field types are now converted to the default Number type.

The issue is corrected in the following component version, or later.

CrystalDecisions.ReportSource.dll	9.2.9466.8	03/19/2003

Problem ID # ADAPT00143353

Description:

Viewing large reports in the Windows Form viewer while using the EnterpriseReportService web service would result in a time-out after 90 seconds.

New Behavior:

The viewer will now take the time-out value from the EnterpriseReportService.amsx file. The default value is 90 seconds. To change the time-out value, uncomment the WCSClient.WebRequestTimeout line in the EnterpriseReportService.amsx file and specify a desired value (in milliseconds).

The issue is corrected in the following component version, or later.

CrystalDecisions.Web.dll	9.2.9466.4	03/11/2003
EnterpriseReportService.asmx		03/13/2003

Problem ID # ADAPT00142978

Description:

When a user creates a report through the Report Designer Component (RDC) based on multiple, linked tables in a Microsoft Access database, a database lock file (.ldb) is created. The lock file was not deleted when the report object was closed.

New Behavior:

The linking method in the Report Designer Component will now delete the lock file after use.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.672	02/24/2003

Problem ID # ADAPT00142135

Description:

While a user was running a Visual Basic 6 RDC application, the link object returned from using the AddSubreportLinks method was not properly instantiated. Attempting to use the object would cause an access violation.

New Behavior:

The AddSubreportLinks method now creates the link between the main report and subreport correctly.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.675	02/27/2003
craxdrt9.dll	9.2.3.675	02/27/2003

Problem ID # ADAPT00139124

Description:

The Links tab of the Database Expert allowed cyclic links and many-to-one relationships.

New Behavior:

In the Database Expert, on the Links tab, two connection properties were added to avoid cyclic links and many-to-one links when linking by key. To activate this behavior, modify the following two registry subkeys and add the name of the database file to the subkeys. The subkeys are:
[HKEY_CURRENT_USER\Software\Crystal Decisions\9.0\Crystal Reports\Database\ODBC]
"AvoidCyclicSmartLinks"="database.dll"
"AvoidManyToOneSmartLinks"="database.dll"
Substitute "database.dll" with the particular database dll being used.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.632	01/13/2003
craxdrt9.dll	9.2.3.632	01/13/2003
crpe32.dll	9.2.3.632	01/13/2003
crqe.dll	9.2.1.599	01/13/2003
crw32.exe	9.2.3.632	01/13/2003

The following registry keys also apply to this patch:

WARNING: Using the Registry Editor can cause serious problems that may require reinstalling the operating system. Crystal Decisions is not responsible for any problems resulting from using the Windows Registry Editor; use it at your own risk. Crystal Decisions recommends that you back up the registry before you edit it.

SubKey:	HKEY_CURRENT_USER\Software\Crystal Decisions\9.0\Crystal Reports\database\ODBC\AvoidManyToOneSmartLinks
Type:	STRING
Recognized Values:	""
Creation Method:	Hot Fix Installation
SubKey:	HKEY_CURRENT_USER\Software\Crystal Decisions\9.0\Crystal Reports\database\ODBC\AvoidCyclicSmartLinks
Type:	STRING
Recognized Values:	""
Creation Method:	Hot Fix Installation

Problem ID # ADAPT00138140

Description:

When attempting to pass a string greater than 254 characters to a parameter field at run time, the error message, "Value does not fall within the expected range" is returned.

New Behavior:

The Crystal Reports .NET engine has been modified to accept larger string values.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9466.10	01/31/2003

Problem ID # ADAPT00137973

Description:

When a user exports a report to page-based formats (for example, PDF, Word, or RTF), section formats on the first page of the report are not exported.

New Behavior:

When a report contains section formatting, the formatting information encapsulates the page and is successfully exported.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.953	12/05/2003
craxdrt9.dll	9.2.3.953	12/05/2003

Problem ID # ADAPT00136446

Description:

A report created through RAS that specifies a command table for its data source has the database password saved in the report. When viewing the report and refreshing the data, the user is not prompted for database logon credentials and the report is refreshed with new data.

New Behavior:

When a user is creating a report with RAS and then specifying a command table for its data source, the database password is no longer stored in the report file. When viewing the report and refreshing the data, the user is now prompted for database logon credentials.

The issue is corrected in the following component version, or later.

crpe32.dll	9.2.3.658	02/10/2003
crqe.dll	9.2.1.603	02/10/2003

Problem ID # ADAPT00135471

Description:

When a DateTime field is customized to display only the date (using the Date and Time tab of the Format Editor), the time portion still appears at run time in a Visual Basic application.

New Behavior:

Applications now recognize all custom DateTime formats.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.645	01/28/2003
craxdrt9.dll	9.2.3.645	01/28/2003

Problem ID # ADAPT00134819

Description:

When printing or exporting a report from the Web Forms Viewer that contains a parameter in the record selection formula, the error message, "Missing parameter field current value" is returned.

New Behavior:

The Crystal Reports .NET web component has been modified such that it properly sets the report state when printing and exporting. This change ensures that record selection is correctly recognized.

The issue is corrected in the following component version, or later.

CrystalDecisions.Web.dll	9.2.9466.3	01/31/2003

Problem ID # ADAPT00134458

Description:

When distributing a Win Form application to Microsoft Windows 98, reports are unable display charts.

New Behavior:

The COM+ engine was not asking for "EMF or bitmap" (one or the other, but only one); instead, it was asking for EMF alone. Because the Windows 98 platform was being used, CRPE was not putting EMF into the EPF. This has been resolved and charts now appear properly.

The issue is corrected in the following component version, or later.

crpe32.dll	9.2.3.611	12/24/2002
CrystalDecisions.CrystalReports.Engine.dll	9.2.9500.7	08/20/2003

Problem ID # ADAPT00133405

Description:
When a report developer creates a report based on a Btrieve database using a native connection and then distributes this report, end users of the report have access to the Betrieve data source, but do not have access to the associated DDF files. When the end user refreshes the distributed report, the error message, "Data Object cannot be opened/accessed" is returned.

New Behavior:
Distributed reports based on Btrieve data sources without associated DDF files now refresh correctly.

Known Limitation:
Note that any reports created with Crystal Reports 9 that previously returned the "Data Object cannot be opened/accessed" error message still generate that error message after this patch is applied. This patch only works for version 8.x reports or for version 9 reports created after the patch is applied.

Also note the following conditions:
If "verify" is turned on, then the DDF file must exist and contain the correct, up-to-date information.

If "verify" is turned on and the DDF file does not exist, an error will be returned.

If "verify" is turned on and the DDF file is out of date (if a field size/type is changed in the DDF file but not the MKD file, for example), unexpected behavior will occur.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.653	02/05/2003
craxdrt9.dll	9.2.3.653	02/05/2003
crpe32.dll	9.2.3.658	02/10/2003
crqe.dll	9.2.1.603	02/10/2003
crw32.exe	9.2.3.653	02/05/2003

Problem ID # ADAPT00133226

Description:
If two tables are linked by a mutual primary/foreign key relationship, bidirectional links are created when the user selects "Auto-Linked By Key" on the Links tab of the Database Expert.

New Behavior:
The Database Expert does not allow bidirectional links between two tables with a mutual primary/foreign key relationship.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.632	01/13/2003
crpe32.dll	9.2.3.632	01/13/2003
crqe.dll	9.2.1.599	01/13/2003
crw32.exe	9.2.3.632	01/13/2003

Problem ID # ADAPT00133016

Description:
After installing the cr90mainwin_en.zip hotfix from 12/02/2002, the message "Error in File C:\....\report1.rpt: The request could not be submitted for background processing" is returned when attempting to view a report with a secure data source in the .NET viewers.

New Behavior:

The fix requires the latest crqe.dll, which allows for .NET viewers to view reports that access secure data sources.

The issue is corrected in the following component version, or later.

crqe.dll	9.2.1.592	12/04/2002

Problem ID # ADAPT00132897

Description:

When setting the data source location in the designer from a report built using a stored procedure to another database with a stored procedure, all through the OLE DB (ADO) driver, the changes are not updated in the dialog box. When closing the dialog box, the message "is not supported" appears.

New Behavior:

The data source location can now be updated through the dialog box.

The issue is corrected in the following component version, or later.

crqe.dll	9.2.1.592	12/04/2002
crw32.exe	9.2.3.594	12/09/2002

Problem ID # ADAPT00131766

Description:

ReportDocument.SetDatabaseLogon() propagates the logon to subreports, unless the subreport does not share a connection with the main report. In this case, a logon exception is thrown.

New Behavior:

The log on to all subreports is now explicitly propagated, even if the subreport tables do not share connections with the main report tables.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9466.7	12/04/2002

Problem ID # ADAPT00130128

Description:

The Win Form viewer for .NET does not prompt for parameters when viewing a RAS 9.0 report document because the report document causes an exception to be thrown.

New Behavior:

Exception mapping has been added so that the parameter dialog box is displayed.

The issue is corrected in the following component version, or later.

CrystalDecisions.ReportSource.dll	9.2.9466.7	11/27/2002
CrystalDecisions.Shared.dll	9.2.9466.7	11/27/2002

Problem ID # ADAPT00130107

Description:

When the RDC is used to pass an ADO record that is set to a report that is based on a TTX file, the fields from the record set are mapped to the report by name, rather than by index. Consequently, if the fields in the record set do not use the same names as the fields in the report structure, the field is removed from the report.

New Behavior:

When all of the field names in the record set do not match any of the field names in the report, the fields are mapped by position. If one of the field names in the record set matches any field names in the report, all fields are mapped by name. In a situation where the mapping is mixed, the fields are mapped by name; any fields that do not match are dropped from the report.

Known Limitation:

1) If the fields are mapped by name, all record set fields must map by name.
2) The report field headings are not replaced with the associated field names from the ADO record set.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.632	01/13/2003
craxdrt9.dll	9.2.3.632	01/13/2003
crpe32.dll	9.2.3.632	01/13/2003
crqe.dll	9.2.1.599	01/13/2003
crw32.exe	9.2.3.632	01/13/2003

Problem ID # ADAPT00130018

Description:

When setting a parameter value to NULL in a .NET project Form viewer, a "Value out of range" error is returned.

New Behavior:

The NULL value case for the .NET object was not handled properly. The print engine conversion now properly sets the value to NULL if the parameter is NULL.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9466.9	12/24/2002

Problem ID # ADAPT00128854

Description:

The Query Engine keeps only 6 digits when converting variant float field types to variant double field types (or single for Access).

New Behavior:

The Query Engine now keeps 7 digits when converting variant float field types to variant double field types.

The issue is corrected in the following component version, or later.

crqe.dll	9.2.1.590	11/25/2002

Problem ID # ADAPT00125904

Description:

Report groupings repeat randomly throughout the report when they are viewed if a user suppresses either of the following:
1) A subreport, by selecting the "Suppress Blank Subreport" option on the Subreport tab of the Format Editor.
2) The section that contains the subreport, by selecting the "Suppress Blank Section" option in the Section Expert.

New Behavior:

Report groupings do not repeat randomly when you suppress a subreport and the section that contains the subreport. The report groups now display correctly.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.632	01/13/2003
craxdrt9.dll	9.2.3.632	01/13/2003
crpe32.dll	9.2.3.632	01/13/2003
crqe.dll	9.2.1.599	01/13/2003
crw32.exe	9.2.3.632	01/13/2003

Problem ID # ADAPT00125099

Description:
In an RDC application that uses the design time control (CRAXDDRT), when a user browses a field in the designer the recordset will be closed so that when a user previews the report, he or she will be prompted to log on again.

New Behavior:
In an RDC application that uses the design time control (CRAXDDRT), the rowset will not be closed until the report is closed.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.2.554	10/30/2002
crpe32.dll	9.2.2.554	10/30/2002
crw32.exe	9.2.2.554	10/30/2002

Problem ID # ADAPT00125070

Description:
The default for Auto-Link Tables cannot be changed from "By Name" to "By Key". As a result, regardless of what the setting is, it always links to "By Name".

New Behavior:
A registry entry has been added and the default behavior has been changed so that Auto-Link Tables links to "By Key".

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.577	11/22/2002
craxdrt9.dll	9.2.3.577	11/22/2002
crw32.exe	9.2.3.577	11/22/2002

The following registry keys also apply to this patch:

WARNING: Using the Registry Editor can cause serious problems that may require reinstalling the operating system. Crystal Decisions is not responsible for any problems resulting from using the Windows Registry Editor; use it at your own risk. Crystal Decisions recommends that you back up the registry before you edit it.

SubKey:	[HKEY_CURRENT_USER\Software\Crystal Decisions\9.0\Crystal Reports\DatabaseOptions\DoSmartLinkingByKey]
Type:	STRING
Recognized Values:	Yes;No
Creation Method:	Hot Fix Installation

Problem ID # ADAPT00124853

Description:
When upgrading a report from Crystal Reports 8 or 8.5 to Crystal Reports 9, certain formatting options are lost:
1) The number style changes from "Custom Style" to "System Default Number Format".
2) The "Suppress If Zero" option is cleared.
3) Settings on the Number tab for Rounding and Decimal are not maintained.

This also occurs when the p2sodbc.dll file in Crystal Reports 8.5 is upgraded to the most recent version.

New Behavior:
Crystal Reports now maintains all report formatting options after a report is upgraded to version 9.

Known Limitation:
If the original report contains a currency field and uses Microsoft Access as the reporting database, the user must modify a new registry subkey in Crystal Reports 9:
change HKEY_CURRENT_USER\Software\Crystal Decisions\9.0\Crystal Reports\Database\ODBC\CurrencyAsNumber or HKEY_LOCAL_MACHINE\Software\Crystal Decisions\9.0\Crystal Reports\Database\ODBC\CurrencyAsNumber to "Yes". The default setting is "No".

The issue is corrected in the following component version, or later.

crqe.dll	9.2.1.596	12/16/2002
crw32.exe	9.2.3.601	12/16/2002

The following registry keys also apply to this patch:

WARNING: Using the Registry Editor can cause serious problems that may require reinstalling the operating system. Crystal Decisions is not responsible for any problems resulting from using the Windows Registry Editor; use it at your own risk. Crystal Decisions recommends that you back up the registry before you edit it.

SubKey:	HKEY_LOCAL_MACHINE\Software\Crystal Decisions\9.0\Crystal Reports\Database\ODBC\CurrencyAsNumber
Type:	STRING
Recognized Values:	Yes;No
Creation Method:	Hot Fix Installation

Problem ID # ADAPT00123839

Description:
In Crystal Reports 9, when setting the paragraph interpretation option for a field to "RTF", the field that contains Control Words is showing text, but it should be blank.

New Behavior:
In Crystal Reports 9, when setting the paragraph interpretation option for a field to "RTF", the field that contains Control Words is blank, which is correct.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.2.549	10/25/2002
crpe32.dll	9.2.2.549	10/25/2002
crw32.exe	9.2.2.549	10/25/2002

Problem ID # ADAPT00123656

Description:
In the SQL command dialog box, the "Cancel" button is not enabled when viewing SQL commands. As well, the "OK" button is not enabled when the command dialog is empty.

New Behavior:
In the SQL command dialog box, the "OK" and "Cancel" buttons are enabled when viewing SQL commands.

The issue is corrected in the following component version, or later.

craxddrt9.dll		10/28/2002

Problem ID # ADAPT00123645

Description:
Exporting does not work after distributing a Crystal Reports 9 .NET application to Microsoft Windows 98 and Windows ME. Attempting an export results in an "Export Failed" error message.

New Behavior:

The initialization function of the Win Form viewer has been modified to accept Windows 98 or Windows ME operating systems.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9466.8	12/13/2002

Problem ID # ADAPT00122882

Description:

The tables in the FROM clause for RAS 9 queries are not in the same order as tables for RAS 8.5 queries.

New Behavior:

The tables in the FROM clause for RAS 9 queries are now arranged in an order similar to the tables for RAS 8.5 queries.

The issue is corrected in the following component version, or later.

crqe.dll	9.2.1.599	01/13/2003

Problem ID # ADAPT00122567

Description:

In a webform application, when previewing a report that contains a subreport that has a name containing HTML characters, the error message "Illegal characters in path" is returned.

New Behavior:

In a webform application, when previewing a report that contains a subreport that has a name containing HTML characters, no error message occurs. The HTML characters in the subreport name were causing an invalid character ArgumentException. Catching and ignoring the exception fixes the problem.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9466.6	10/22/2002

Problem ID # ADAPT00122217

Description:

When viewing a report that contains saved data, the user may be prompted for database logon information. This occurs when the report contains one or more subreports that are based on a secured database, and the data set that is generated contains no records.

New Behavior:

The user is no longer prompted to provide database logon information when viewing a report with subreports that contain no records. The user now sees the report correctly.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.2.563	11/08/2002
crpe32.dll	9.2.2.568	11/13/2002
crw32.exe	9.2.2.563	11/08/2002

Problem ID # ADAPT00121607

Description:

If the logon properties collection has not already been created before setting the connection's server name, a GPF occurs.

New Behavior:

A logon properties collection is now created when setting the connection's server name, if one has not already been created.

The issue is corrected in the following component version, or later.

crqe.dll	9.2.0.586	10/17/2002

Problem ID # ADAPT00120562

Description:

When viewing a report that returns no data in the Web Forms Viewer, the report will not display if the "Suppress Printing If No Records" option is selected in the Report Options dialog box.

New Behavior:

A report with no sections caused a null pointer error. The Web Forms Viewer now checks for empty sections and displays the blank report properly.

The issue is corrected in the following component version, or later.

CrystalDecisions.Shared.dll	9.2.9466.9	01/15/2003

Problem ID # ADAPT00118914

Description:

Report Designer Component applications return a GPF when batch processing reports against a Microsoft Visual FoxPro database.

New Behavior:

Subreports were being counted as active documents, leading to the GPF. This has been resolved now that the system doesn't count subreports as active documents.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.2.530	10/07/2002

Problem ID # ADAPT00117778

Description:

A chart created in Crystal Reports 8.5 with a specified ordering will display incorrect information when refreshed in Crystal Reports 9.0 with an updated database. This only occurs with orderings based on a number field.

New Behavior:

The chart now displays correct information in Crystal Reports 9.0 because number data types are now converted to strings. The group names were not being compared correctly--hence the two different groups were treated as being one.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.617	12/30/2002
craxdrt9.dll	9.2.3.617	12/30/2002
crw32.exe	9.2.3.614	12/27/2002

Problem ID # ADAPT00117414

Description:

With reportpart bookmarks, attempting to drill down or navigate to a group that contains non-ascii characters will fail.

New Behavior:

Drill down and navigation was failing when the target contained non-ascii characters because they were HTML encoded twice. This was rectified so that fields containing non-ascii characters are encoded only once, and, as a result, the problem is fixed.

The issue is corrected in the following component version, or later.

CrystalDecisions.Shared.dll	9.2.9466.5	10/01/2002

Problem ID # ADAPT00117390

Description:
Instances are not generated when a user is saving conditionally suppressed subreports with data.

New Behavior:
The logic to check whether the subreport object is conditionally suppressed or not has been added. If the subreport is conditionally suppressed, pages will be regenerated.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.594	12/09/2002
craxdrt9.dll	9.2.3.594	12/09/2002
crpe32.dll	9.2.3.674	02/26/2003
crw32.exe	9.2.3.594	12/09/2002

Problem ID # ADAPT00116542

Description:
When a user is trying to export a RAS ReportClientDocument to Microsoft Excel (data only) format from the .NET viewer, an "Index was outside the bounds of the array" error message displays.

New Behavior:
The export process was not recognizing the ReportClientDocument report type. This issue was rectified so that the export process now recognizes this report type.

The issue is corrected in the following component version, or later.

CrystalDecisions.ReportSource.dll	9.2.9466.5	10/02/2002

Problem ID # ADAPT00116179

Description:
Having multiple copies of the same table in one report causes incorrect data to be displayed.

New Behavior:
Each table is now treated independently and now displays data correctly.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.0.518	09/25/2002
crpe32.dll	9.2.0.518	09/25/2002

Problem ID # ADAPT00116125

Description:
In the Report Designer Component runtime, reports based on parameterized commands should prompt for the parameters instead of running with the value(s) that they were originally designed with.

New Behavior:
Parameter values are no longer being cached. As a result, reports in Report Designer Component applications based off of parameterized commands now correctly prompt for parameter values.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.0.519	09/26/2002

Problem ID # ADAPT00116008

Description:
When a user is printing or exporting a report from the Web Form Viewer's toolbar, the program ignores the runtime record selection formula. Thus, if record selection has been applied on a report, printing or exporting that report will result in all of the records being returned, instead of just the selected ones.

New Behavior:
The Crystal Reports .NET web component has been modified to set the correct report state for printing and exporting. This results in the Web Form Viewer properly recognizing the selection formula.

The issue is corrected in the following component version, or later.

CrystalDecisions.Web.dll	9.2.9466.3	01/31/2003

Problem ID # ADAPT00115926

Description:
The EnterpriseReport WebService cannot be located on a machine different from the APS.

New Behavior:
The problem was that EnterpriseReport Webservice would only recognize the local APS name. Changes have been made so that the EnterpriseReport Webservice now connects to any remote APS.

The issue is corrected in the following component version, or later.

CrystalDecisions.Web.dll	9.2.9466.2	10/02/2002

Problem ID # ADAPT00115916

Description:
Dropping a ReportDocument in an MC++ Winform project causes an "Unknown name" error.

New Behavior:
The exception that caused the "Unknown name" error message has been suppressed and, as a result, a ReportDocument can now be successfully added to a MC++ Winform project.

The issue is corrected in the following component version, or later.

CrystalDecisions.VSDesigner.dll	9.2.9466.5	09/30/2002

Problem ID # ADAPT00115362

Description:
In the Report Designer Component (RDC), the SaveAs method returns a "The file is in use by another application" error message when attempting to save to the same report file name.

New Behavior:
An optimization that was implemented in the Crystal Reports Print Engine (CRPE) that introduced this problem is not invoked by Crystal Enterprise. The behavior has been changed back to the Crystal Reports 8.5 behavior, so this RDC problem has been eliminated without affecting Crystal Enterprise.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.584	11/29/2002
craxdrt9.dll	9.2.3.584	11/29/2002
crpe32.dll	9.2.3.584	11/29/2002

Problem ID # ADAPT00115219

Description:
The Winform viewer throws an IOException when hosted by Internet Explorer.

New Behavior:
When hosted in Internet Explorer, the Winform viewer displays the report correctly.

The issue is corrected in the following component version, or later.

CrystalDecisions.Windows.Forms.dll	9.2.9466.3	09/20/2002

Problem ID # ADAPT00115143

Description:
Exporting fails when using a conditional DataBind call in the PageLoad method in a .NET Web Form application.

New Behavior:
The system was using the QueryString property instead of doPostBack. It now uses doPostBack and exporting works as expected.

The issue is corrected in the following component version, or later.

CrystalDecisions.Web.dll	9.2.9466.2	10/01/2002

Problem ID # ADAPT00102118

Description:
Setting the PaperSource property at runtime has no affect when printing a report.

The problem is caused by the value passed to Crystal engine. The value is incorrect by a value of 1.

New Behavior:
This problem is resolved.

For Crystal Reports 10, a new CustomPaperSource property has been added to the API to allow users to select specific Custom paper source trays on any printer.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9500.9	10/09/2003

Problem ID # ADAPT00101203

Description:
Reporting off complicated data sets causes a memory leak to occur. For example, a complex data set could consist of: DataRelations, DataTables, and CollectionChangeEventHandler event handlers.

New Behavior:
Data sets are now reset and disposed of properly so that a memory leak does not happen.

The issue is corrected in the following component version, or later.

crdb_adoplus.dll	9.2.0.28	03/03/2003
CrystalDecisions.CrystalReports.Engine.dll	9.2.9466.11	03/03/2003

Problem ID # ADAPT00098880

Description:

In Microsoft Visual Basic applications that use the RDC, running total fields in a subreport fails to print, despite being displayed correctly in a window.

New Behavior:

Running total values in subreports are now printed correctly.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.0.491	08/29/2002

Problem ID # ADAPT00095367

Description:

Images that are changed using Section Format events no longer scale properly.

New Behavior:

A conditional compilation error was causing images to scale incorrectly. Fixing the compilation error resulted in images scaling properly.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.676	02/28/2003

Problem ID # ADAPT00090506

Description:

When the RDC DSR files on Windows XP is used, the temporary files in the root directory are not removed after the application is closed.

New Behavior:

The temporary files are no longer created, because they are no longer necessary.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.3.1157	07/08/2004

Problem ID # ADAPT00089645

Description:

When a report that contains a BLOB field is previewed, the image may not be displayed in full if it is at the end of the page. This occurs when the report section containing the BLOB field has the "Keep Together" option selected.

New Behavior:

When a BLOB field is contained in a report section that has the "Keep Together" option selected, the full BLOB field is displayed. If the page is not large enough to display the section in its entirety, the section is generated on the following page.

The issue is corrected in the following component version, or later.

craxdrt9.dll	9.2.2.563	11/08/2002
crpe32.dll	9.2.2.568	11/13/2002
crw32.exe	9.2.2.563	11/08/2002

Problem ID # ADAPT00089424

Description:

Printouts from the Winform viewer have different margins than those printed from the COM+ Engine.

New Behavior:
This issue was resolved by shifting the Winform viewer printouts up by 250 TWIPS and left by 250 TWIPS. The Winform viewer and the COM+ Engine now print with identical margins.

The issue is corrected in the following component version, or later.

CrystalDecisions.Windows.Forms.dll	9.2.9466.6	10/03/2002

Problem ID # ADAPT00082631

Description:
A bitmap contained within a Microsoft Access database will not print properly from within Crystal Reports when running on a Windows 98 OS and using an HP Laserjet 4 Plus printer. The bitmap is not printed at all, even though it is displayed properly in the Print Preview screen. This only occurs if the bitmap is resized.

New Behavior:
The bitmap now prints properly regardless of the bitmap size.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.0.496	09/03/2002
craxdrt9.dll	9.2.0.496	09/03/2002
crpe32.dll	9.2.0.496	09/03/2002
crw32.exe	9.2.0.496	09/03/2002

Problem ID # ADAPT00074061

Description:
In the Crystal Reports 9.0 Report Designer, the fully qualified table name cannot be returned with the Table methods. In the Crystal Reports 8.5 Report Designer, the fully qualified table name was returned using the Table.Location method.

New Behavior:
A new method has been added to the Table item to return a list of qualifiers for that particular table. Its syntax is as follows:

report.Database.Tables(#).Qualifiers.Item(#)
OR
report.Database.Tables(#).Qualifiers(#)

where # is an integer (i.e.: 1, 2, etc.). This functionality is also added to the Crystal Reports 10 RDC.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.1098	05/06/2004
craxdrt9.dll	9.2.3.1098	05/06/2004
crpe.h		07/20/2004
crpe32.dll	9.2.3.1096	05/04/2004

Problem ID # ADAPT00059324

Description:
In an RDC application, when you are using the SetText method to pass multiple-line strings, the carriage returns appear as spaces.

New Behavior:
An internal function was not recognizing the carriage returns correctly. This has been rectified and text with carriage returns now appear correctly.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.693	03/17/2003
craxdrt9.dll	9.2.3.693	03/17/2003
crpe32.dll	9.2.3.693	03/17/2003

Problem ID # ADAPT00059090

Description:
When working on a report that contains a parameter field in the selection formula, drilling down on a subreport will incorrectly result in the main report being displayed as a result of the drill down.

New Behavior:
The selection formula is now being set correctly in the drill down; the subreport will now be correctly displayed.

The issue is corrected in the following component version, or later.

CrystalDecisions.Windows.Forms.dll	9.2.9466.4	09/26/2002

Problem ID # ADAPT00055260

Description:
The font size for text objects does not change when the ApplyFont() method of the TextObject class is invoked.

New Behavior:
Internal function has been added to accept font size.

The issue is corrected in the following component version, or later.

CrystalDecisions.CrystalReports.Engine.dll	9.2.9500.5	07/18/2003

Problem ID # ADAPT00034681

Description:
In the Windows Form viewer, if you select a group in the group tree, the viewer does not navigate to that group; a drill-down event is activated on that group instead.

New Behavior:
In the Windows Form viewer, if you select a group in the group tree, the viewer will navigate to that group as expected.

The issue is corrected in the following component version, or later.

CrystalDecisions.Windows.Forms.dll	9.2.9466.12	04/24/2003

Problem ID # ADAPT00011227

Description:
When a user exported a report to Character-Separated Values (CSV) format from a Report Designer Component (RDC) application, it was not possible to set an empty delimiter value. Instead, the value would default to a comma (,) when empty.

New Behavior:
The comma (,) is no longer used to replace an empty delimiter value. Setting an empty delimiter value in an RDC application will work as expected.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.672	02/24/2003
craxdrt9.dll	9.2.3.672	02/24/2003

Problem ID # ADAPT00005547

Description:
When an export to a destination disk fails because the destination disk is full, no error message is generated.

New Behavior:
An error message is passed down from the export dll, and then the print engine reports the message.

Known Limitation:
This is only a partial fix, due to the different behavior of each driver. For example, certain exporting drivers will not pass down an error message; in that case, the print engine does not report a message. Those drivers that do not report an error vary from version to version.

Some drivers correctly display an error message, but generate the output file (0 or more bytes) anyway, as a blank file. This depends on which file format the report is exported to (Acrobat reader, rich text, MS word, and so on).

The issue is corrected in the following component version, or later.

ActiveXViewer.cab		06/09/2003
craxddrt9.dll	9.2.3.787	06/22/2003
craxdrt9.dll	9.2.3.787	06/22/2003
crpe32.dll	9.2.3.787	06/22/2003
crviewer9.dep		06/09/2003
crviewer9.dll	9.2.2.340	06/09/2003
crviewer9.inf		06/09/2003
crw32.exe	9.2.3.787	06/22/2003
CSelExpt.ocx	9.2.2.221	06/09/2003
npssview.dll	9.2.2.340	06/09/2003
npviewer.exe	2.11.15.0	06/09/2003
reportparameterdialog.cab		06/09/2003
ReportParameterDialog.dll	9.0.1.149	06/09/2003
sviewhlp.dll	9.2.2.340	06/09/2003
swebrs.dll	9.2.2.340	06/09/2003
xqviewer.dll	9.2.2.35	06/09/2003

Problem ID # ADAPT00004287

Description:
The Export button in the Smart Viewer is disabled on drill-down view in the Report Document Controller (RDC). Also, when a report with grouping is created in the RDC, and its EnableExportButton property is set to True, the Export button is disabled when drilling down on a group.

A method controls the property of the Export button, to enable the Export button in a drill-down view. That method is missing.

New Behavior:
The method has been added, and the problem is resolved.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.908	10/24/2003
craxdrt9.dll	9.2.3.908	10/24/2003

ENHANCEMENTS

Problem ID # ADAPT00180218

Description:
Crystal reports that use query, Dictionary or Info View files as data sources cannot be published in the Crystal Enterprise environment.

New Behavior:
Crystal Reports customers have been provided the ability to utilize the reports that they have designed using queries and Dictionaries in Crystal Enterprise. Please read the "Crystal Query and Dictionary Support" document for more details.

The issue is corrected in the following component version, or later.

crdb_dictionary.dll	9.2.1.94	06/20/2003
crdb_oracle.dll	9.2.1.120	06/20/2003
crdb_query.dll	9.2.1.542	06/20/2003
crpe32.dll	9.2.3.785	06/20/2003
crqe.dll	9.2.1.610	06/02/2003
crw32.exe	9.2.3.785	06/20/2003
p2ixbse.dll	8.0.100.1	06/20/2003

Problem ID # ADAPT00151680

Description:
Parameters from selection criteria are not passed to the Lawson OLEDB driver.

New Behavior:
This problem is resolved.

The issue is corrected in the following component version, or later.

crdb_ado.dll	9.2.1.529	05/29/2003
crpe32.dll	9.2.3.764	05/26/2003
crqe.dll	9.2.1.616	11/05/2003
crw32.exe	9.2.3.764	05/26/2003

Problem ID # ADAPT00146186

Description:
In the following circumstance, no error message was returned when users exported through the Report Designer Component (RDC): the user was exporting to Lotus Domino Mail, an Exchange Folder, or a MAPI export destination when the application or service was not configured or installed.

New Behavior:
An error message "Export Failed" is now returned when the application or service is not configured or installed.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.3.688	03/12/2003
craxdrt9.dll	9.2.3.688	03/12/2003

Problem ID # ADAPT00086397

Description:
Drilldown on embedded subreports in a .NET Web form application is not permitted.

New Behavior:
Drilldown functionality on embedded subreports has been added.

The issue is corrected in the following component version, or later.

CrystalDecisions.Shared.dll	9.2.9500.10	02/05/2004

Problem ID # ADAPT00010491

Description:
The PrinterSetup method does not have a cancel event.

New Behavior:
A PrinterSetupEx method has been added. This new method allows the user to catch the cancel action. If the cancel button is clicked, the method returns 1; otherwise, it returns 0.

The issue is corrected in the following component version, or later.

craxddrt9.dll	9.2.2.548	10/24/2002
craxdrt9.dll	9.2.2.548	10/24/2002