



## **R&R Report Writer, Version 10+**

*For Windows 95, 98, ME, XP, NT and 2000*

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# **README.RTF Release Notes**

## **Welcome to the Latest Member of the Liveware Family**

In late 1999, Liveware Publishing acquired from Wall Data the exclusive license to develop and market R&R Report Writer. After a successful release of Version 8.1 in mid 2000, and Version 9 in 2001, in October 2002 we delivered R&R Version 10. The initial release of Version 10 is now followed with the release of Version 10+.

## **Objectives**

Version 10+ continues with our commitment to release product updates on an on-going basis that will incorporate features that will make our user community even more productive.

In Version 10+ we have combined the Xbase and SQL into a single product version and we have added a variety of new features that are designed to reduce the reporting writing learning curve by seamlessly storing report and data information behind the scenes as reports are created so that you use and even report on that information.

This document provides an overview of what is new or changed in Version 10+ and also lists any late breaking information that was not included in the on line Help files. We have included descriptions of features that were added in Version 10 along with what is new to Version 10+.

# **R&R Report Writer, Version 10+ Release Notes (May 2003)**

## **New Features Summary**

### **Features added in Version 10**

- Consolidated Installation and Utility Programs
- Redesigned and Enhanced Data Dictionary Editor
- Integration of Data Dictionary with Report Designer
- Field List Enhancements/Sorted field listings
- Field Copy Button
- Drag/Drop from Field Lists
- Right click Total Creation
- Variable Graphics
- Query/Filter Dialog Enhancements
- Relations and Line Properties Dialog Enhancements
- Additional line and shading choices
- MAPI Options saved with report
- ParameteRR driven Xbase scope
- ParameteRR timeout
- Extended Date Support
- Export to Excel
- System User Defined Functions
- Report Preview Refresh
- Append to Existing tables using Rapid Runner
- Export to PDF from Rapid Runner and interactive Runtime

### **Features added in Version 10+**

- Inclusion of Data Direct ODBC drivers
- XML Support
- Unattended Email Bursting

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### **Consolidated Installation and Utility Programs**

Version 10 includes both the Xbase (RRW.EXE) and SQL Report Designer (RSW.EXE) along with the rights to distribute runtime components for either or both. The executable files for each version do continue to remain separate.

The default installation directory for Version 10 is \program files\RRVER10

The default program group for Version 10 is R&R Version 10

The utility programs Report Librarian, Runtime Shortcut Maker, Report Converter, Rapid Runner and Data Dictionary combine elements from both editions into single executables. Librarian now lists all Xbase and SQL reports and will launch them using that applicable report designer.

You can easily import V9 Librarian entries into V10 Librarian using its the build-in upload utility. And you can now create Rapid Runner report sets that contain both Xbase and SQL runtime reports. And the consolidated Data Dictionary catalogs table/fields from both Xbase and SQL data sources.

### **Redesigned and Enhanced Data Dictionary Editor**

An entirely new data dictionary editor has been included with R&R V10 that catalogs table, fields and indexes (V9 and prior only had fields), and provides for extended notations, specifications and other information about those reporting elements.

Existing pre-Version 10 dictionary entries may be incorporated using a utility function.

Data Dictionary works with Report Librarian user accounts so that each Librarian user has their own dictionary and can share those entries with other users.

The new editor program is installed in the RL subdirectory and is called

DATADICT.EXE. The editor is used to manage and update dictionary entries. The population of the dictionary files is not performed directly within the editor but is done automatically from within the Report Designer as described in the next section.

Dictionary data is stored in a set of FoxPro data files that are installed in the \RL subdirectory.

### **Integration of Data Dictionary with Report Designer**

Version 10 automatically populates its Data Dictionary as you work inside the Report Designer. So it learns your file structures as you build and modify reports. When you select a table within Report Designer, Data Dictionary seamlessly works behind the scenes to catalog selected tables, their fields and any applicable indexes by calling a set of dictionary cataloging programs that take report information and write it to the appropriate data dictionary tables. And from any field on the layout you can right click, select Dictionary and then view and even edit the dictionary entry for that field. This feature lets you build knowledge and usage about each field

To see this feature in action, open the Version 10 report designer and create a new instant report. Then right click on a field on the layout and select dictionary. This will launch the Field Detail dictionary screen where you can Edit and then add a dictionary description that will then be available in any report using that table field.

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### **Integration of Data Dictionary with Report Designer (continued)**

You can also add calculated fields to the dictionary for future use using the new Add to Dict button in the calculated field dialog and then make those fields available to other reports and users.

We have also added a Context-sensitive “Join Help” button in the Database Relation/Join dialog that allows you to see how the selected tables have been joined in other reports. In effect, R&R “learns” your databases and opens them up for more people to build reports.

In addition to the dictionary creation enhancements, we have also added additional dictionary driven formatting control. When placing a field in the layout, R&R will check if any settings have been made in the data dictionary editor for field size, alignment and style. For example, if you have a numeric field defined in the table with 12 integer and 5 decimal places, you can specify in dictionary to have Report Designer automatically present that field as comma, 6 integer places, 2 decimals. This also works great for long character fields that you prefer truncated. For table selection, you can define default table aliases in the dictionary that become the default alias any time that table is selected in a report.

Like the Report Librarian, the Version 10 data dictionary is user specific and uses the same user login table as the Librarian. If you launch the report designer directly the default login name is ADMIN just as for Librarian. If you launch the Report Designer from Report Librarian, the data dictionary owner name will be the Librarian login name.

### **Field List Enhancements/Sorted field listings**

A new setting has been added to the Field Lists section of the Options-Preferences menu. If you check the box Sort Field names, the order in which field names will display in any field listings in will be in non-case sensitive A-Z order with the table alias for the field displayed after the field name.

In addition to the global setting, you can also make on the fly adjustments within field dialogs. We have added three Sort Names radio buttons to dialogs containing field listings so you can adjust the order of field lists as you work. When a field listing is presented such as in the Insert Field dialog, the default radio button will be either A-Z or table depending on whether the Sort Field Names box was checked in Options Preferences. You can change the display order on the fly by changing the radio button selection.

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### Field List Enhancements/Sorted field listings (continued)

#### *If the A-Z button is selected*

All field names are displayed in non-case sensitive alphabetical order.

#### *If the Table button is selected*

Fields are presented in R&R classic mode. Each table's field name is indented beneath the name of the table. Each table name is followed by an ellipsis (...). For multi-table reports, the field list for each table can be "collapsed" so that only the table name appears. Initially, all field names are displayed. To collapse the field list for a table, click on the table name; to expand the list, click the table name again.

#### *If the Type button is selected*

Field names are indented beneath their field type. The available field types are Database fields, Calculations, Totals and ParameterRRs. The order of presentation within these types will depend on whether the Options Preferences Sort Field Names box has been checked.

### Field Copy button

Version 10 includes a Copy button within the calculated, parameterRR and total field dialogs that allows you to use an existing field calculated expression as the basis for a new field. When you click the Copy button on the selected field, a copy of that field is created with an empty field name so you can enter a new field name and make any edit changes and then save the new field.

### Drag/Drop from field lists

Version 10 allows you to drag fields to the layout directly from the calculated, parameterRR and total field dialogs without needing to close the current dialog before being able to place the field on the layout. Just select the field and drag it into position on the layout.

### Right Click Total creation

When you right click on a field on layout, the menu list now includes a choice of Total. Selecting Total immediately opens a New Total dialog with the current field selected as the field to total. You can then make any required changes and save the total and even immediately drag it to the layout.

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### Variable Graphics

In Version 10 you can add images to a report that change on a record level basis. The Insert Picture menu choice is now split into **Insert Picture from File** and **Insert Picture from Field**. Picture from File is the equivalent of the earlier Insert Picture. Selecting Insert Picture from Field displays the Insert Field dialog where you can select a database or calculated character field whose contents represent the path/filename of the picture to insert. To create a placeholder for the actual image file, a file called BLANK.BMP is now installed in the R&R program directory. When the report is run, the contents of file referenced in the table will be used in the report. So if you have a parts database, you could place a partID field on the layout and then print an image of each part on a record band in the report.

### Query/Filter dialog enhancements

A series of updated prompts make it easier to specify the compared to values for selecting records. You no longer need to put quotes around character entries or curly braces around dates, and in-the-range and in-the-list options will present a series of entry boxes rather than requiring you to enter a comma separated list.

### Modifications to Relations/Join dialog

The following changes have been made to the Database Relation Edit dialog:

- In the Xbase version, A Calc button has been added next to the linking field box to allow you to build a calculation and then select it from the Relate From linking field list.
- In the Xbase version, the key expression for the Relate Through index is now scrollable so that you can see the full index expression.
- In both Xbase and SQL, a Join Help button has been added to allow you to view a report that shows how the selected tables have been linked in other reports.

### Line Properties enhancement

A Calc button has been added to the logical field box to allow you to build a calculation and then select it from the Logical field list.

### Additional line and shading choices

Version 10 now supports 12.5, 25, 37.5, 50, and 75 % gray box shading. We have also added several dashed line styles.

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### **Saved MAPI options**

In Version 10 Report Designer, any MAPI Option selections that you make are now retained. So if you make selections, exit the File Export menu and then return to the Export menu and again check the send via MAPI box, your previous Mail Option selections such as burst level and send to field will still be present. These setting also are saved with the report so if you routinely email burst reports, you will no longer need to reselect your options each time you run the report. Note however that the Send via MAPI button remains by default un-checked when Export dialog is opened, so you do need to re-check the button to enable the Options.

### **ParameteRR driven Xbase Scope**

In Version 10 Xbase you can now select a ParameteRR field to define the range of master file records that will be used in a report. This allows you to have both speed and flexibility in record selection.

### **ParameteRR Timeout**

ParameteRR fields are a great feature but they do require interactive user input. So if you have set a batch of reports to run in turn overnight, you might come in the next day to find that report 1 is still waiting on its ParameteRR value entry screen. To overcome this problem, we have added a timeout feature to the parameteRR screen. If a ParameteRR screen is open for two minutes without user interaction, we now display a brief notice box saying that the screen will close unless the OK button is selected. If OK is not selected, the report is run using the current parameteRR default values. This allows you to then use the same report for unattended production and production on demand.

### **Extended Date Support**

Version 10 extends the upper limit for date fields from 12/31/2400 to 12/31/2999.

### **Export to Excel Format**

Version 10 now defaults to .XLS when exporting to worksheet format.

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### System User Defined Functions

In addition to the standard RR.UDF (for SQL RSW.UDF) user defined function library, Version 10 also support a second system user defined function file called SYSRR.UDF (for SQL SYSRSW.UDF). The system UDF is a read only user function library whose functions can be read and used in reports but whose definitions cannot be edited. Having this secondary UDF library allows developers to distribute a custom UDF file to their users while still allowing those users to maintain their own user-defined functions.

To create a system UDF file, you first create your functions in the Report Designer which will write them to RR.UDF (RSW.UDF for SQL). Then using Windows Explorer, you simply rename RR.UDF to SYSRR.UDF or SYSRSW.UDF.

When R&R is opened it will first read any user functions from system UDF file followed by those from standard UDF file. Functions from each will then appear in any R&R function listing. In the Calculations User Function dialog, functions from both files will be listed and their expressions will appear in the Expression box but the Edit and Delete buttons will not be available for those functions that reside in system UDF file.

### Report Preview Refresh

On the preview toolbar we have added a new  Restart report button. When this button is selected, the report will be restarted and if there are ParameteRRs, the ParameteRR value entry screen will be presented so you can change values and re run the report so that you can change your view of the data on the fly.

### Append to Existing tables using Rapid Runner

A new Consolidate DBF export option has been added to Rapid Runner that lets you output to an existing DBF. Using the feature, you can combine as many data tables into a single table – for example, the sales journals for dozens of outlets for a retail store – whether the source data tables have the same structure or not. R&R can perform all the ETL functions (extraction, translation and load) without a single line of code. You can even use Rapid Runner to run reports based on the combined data file. All of this functionality can be scheduled in Rapid Runner for unattended processing. And since you can combine Xbase and SQL reports into a single Version 10 Rapid Runner set to allow you to easily combine desktop and server data from a variety of sources into a single report.

### Export to PDF from Rapid Runner and interactive Runtime

"R&R PDF Export" is now an available printer selection in Rapid Runner. When selected, the Destination automatically defaults to Print to File and requires the entry of an output filename.

In runtime, the interactive printer selection dialog now includes a print to file checkbox so that users can choose to create PDF files at runtime without needing to explicitly preset an output filename.

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### Data Direct ODBC drivers

V10+ bundles the latest releases of the world-class ODBC drivers from Data Direct. These drives allow you access your data completely and flawlessly. The Data Direct drivers resolve a variety of SQL issues that were present in earlier R&R releases. For example, R&R now reads SQL Server Unicode fields and Oracle8 VARCHAR fields. Included are drivers for:

Btrieve, DB2\*, dBase, Excel, Foxpro, Informix\*, Oracle\*, Paradox, Progress, SQL Server\*, SQLBase, Sybase\*, TextFile, XML

\* connectivity available using Data Direct's wire protocol requiring no special client software

Note that developers can freely include these Data Direct drivers with R&R runtime applications.

### XML support

Version 10+ allows you to report on XML data using the Data Direct ODBC driver and the Result Set browser now allows you to output report data to XML from within the report designer. This XML output creates a well-formed XML document whose internal schema conforms to the W3C XSD standard. To export report data to XML you simply launch the Result Set Browser from Report Designer and select the SaveResultSet button. Then in the Save as Type drop down list you select the choice XML.

### Unattended email bursting

At the request of many users, Version 10+ allows reports containing saved Mail Option settings to be automatically run and sent to email recipients without needing to open the Report Designer and manually select Send via MAPI checkbox. This functionality is implemented using runtime executable but requires an installed copy of the Report Designer to be present. The command line to output a report to MAPI is:

For Xbase

```
RRWRUN.EXE /M<reportname>
```

For SQL

```
RSWRUN.EXE /M<reportname>
```

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### **V10 Report Compatibility with Earlier R&R Releases**

As in Version 9, Version 10 will not allow you to save a report into an existing RP5/RP6 report library either as a Save or a Save As. If you attempt to do so, you will get an error dialog that will say: "R&R no longer supports rewriting a report into a library file."

Reports saved in Version 10 can be opened with previous R&R versions; however, you will get a warning message that will say:

"Warning: Unrecognized report information encountered. Report might have been made with a newer R&R. Clicking OK will open the report, but some report features will not be available."

If you then save the report, any newer features will be removed from that report file.

The exception is for ParameteRR fields. Support for parameteRR fields was added in R&R Version 9.

When a report containing ParameteRR fields is opened in a pre-Version 9 release, the ParameteRR field will be treated as a calculated field whose value is the default that was set for the ParameteRR. If saved in Version 8.x and then re-opened in Version 9 or above, the former ParameteRR field will then remain as a calculated field.

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### Distribution files for the R&R PDF Export driver

When you install R&R, the PDF driver files that are installed are based on the current operating system. If you have a network installation or you will be distributing a runtime application, you may not have all of the required PDF files.

The PDFFILES sub-directory on the installation CD contains the required PDF drivers for each operating system. You should copy the listed files to the R&R program directory in order to enable PDF printing. Note also that a user must have sufficient operating system rights to install a printer for the R&R PDF Export driver to be used.

The required files by operating system are:

#### Windows 3.1

ACFPDF16.DRV  
PDFITF16.DLL

#### Windows 95/98/ME

ACFPDF.DRV  
PDFINTF.DLL  
CDINTF.DLL

#### Windows NT/XP/2000

ACFPDF.DLL  
ACFPDFUI.DLL  
PDFMON.DLL  
PDFINTF.DLL  
ACFPDF.TXT  
CDINTF.DLL

### Troubleshooting

When the PDF printer driver is initialized by R&R, the above listed files are used to install the PDF driver. During successful installation, additional system printing files are created and registry keys may be modified.

If there is any problem with this automatic installation so that these system files are not created (such as insufficient system rights) then the R&R PDF Driver may not appear in the printer listing or an invalid PDF file may be created.

Should you experience either of these problems, you can generally resolve them by manually installing the PDF driver. To perform a manual installation, do the following:

- Copy the file INSTALL.EXE to the R&R program directory.
- Make sure that you are logged in as an Administrative user.
- Run the command line:  
**INSTALL.EXE "R&R PDF Export" -s**
- To verify that the install was successful you can view the INSTALL.LOG text file that is created in the R&R program directory.

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### Version 10+ Changes and Corrections

The following changes/corrections have been made in Version 10+ since the original release of Version 10 in October 2002.

#### Installation

- Installer displays and copies the README.RTF that is in the root directory of the install CD.

#### ***New R?W.INI file settings in [Defaults] section***

PDFDriver=0	If set to 1 or not present, the R&R PDF Export printer driver is loaded. If set to 0 the R&R PDF Export printer driver is not installed.
Printer =<Printer Name or Default>	If a Printer is set, it will be used when opening saved reports in place of checking for the printer that has been saved with the report. Can be set to Default to use the current windows default printer.
Dictionary=0	If set to 1 or not present, data dictionary functionality will be enabled. If set to 0, all dictionary functions will be disabled. Dictionary definitions will not be available, Add to Dictionary for fields will be disabled and the dictionary will not be updated as tables as selected.

#### ***Print Preview***

R&R no longer consumes 100% CPU while in Preview mode.

#### ***ParameteRR fields***

- If report contains a memo, any parameteRR specified as prompt at runtime will be displayed even if it is not directly used in the report.
- Re-sort and re-selection of fields after inputting parameteRR's is only done as necessary rather than every time the parameteRR value entry screen is displayed.
- ParameteRR date fields in any date format are now correctly accepted.
- Crash when an invalid value is entered for a date parameteRR has been fixed.
- The placement of fields on the New/Edit ParameteRR dialog has been revised.
- The ParameteRR value entry screen now sets focus to the new value box for the first parameteRR when initially opened.
- ParameteRR fields in SQL filter correctly sent to SQL engine.

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### ***Mail Options***

- A report having a MAPI SendTo address that contains a list of recipients is now correctly sent to each name on the list.
- Bursting at Group1 no longer includes Group2 header for only the first Group2 record. Workaround of using a conditional record band in place of the Group2 header is no longer required.

### ***Queries/Filters***

- Corrected problem when a field used as the first field in a query is deleted, editing the query causes a crash.
- Compared to fields correctly use table alias when required.
- Character parameter fields used as part of a filter are sent to SQL engine with correct syntax. Note that you must create character parameter default values using a single quote as the delimiter.
- Parameter fields in SQL filter correctly sent to SQL engine.
- Query dialog for date/date time selection now has "09-Sep" instead of "08-Sep".
- Seconds added to time portion of datetime fields.
- 24-hour time format and day first date formats correctly displayed.
- If date format has day first, month and day, compared to combo boxes display day first.
- Comparisons can now be made to empty date and datetime values.

### ***Totals***

- Crash caused by bug in handling Page (character-type) totals has been corrected.
- The condition for any conditional total is now displayed on the status bar and in the Expression box in the Total field list dialog.

### ***Export***

- Crash caused by bug in handling case of Alias for export field has been corrected.
- Cross tab export settings are correctly saved with report and will not cause an error message when report is opened.

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### ***Xbase Scope***

- Corrected problem where scope value was ignored the second time a report was executed.
- Only parameter fields whose type is the same as index type are available for selection as scope values.
- If a parameter field used in a scope is deleted, user is now informed and asked to confirm.
- Can freely change scope from a parameter field to another selection without needing to delete the parameter to effect the change.
- Corrected error when scope was selected as parameter then to another type and then back to a parameter without closing dialog between changes.

### ***Data Dictionary***

- Adding Calc. field to dictionary shows correct associated table name when calculation depends on a related table. No longer get erroneously associated with the master file.
- Dictionary display settings are correctly used for both table and calculated fields.
- Right click viewing of dictionary descriptions of field on layout now works correctly in SQL version.
- Default table alias names are now correctly read from data dictionary for SQL version.
- Long (>254 character) dictionary calculations correctly supported.
- Fields using Dictionary field properties are no longer reset when master file dialog opened.
- New R?W.INI file settings added to support runtime data dictionary usage. RSW.INI and RRW.INI now honor a new section named [Runtime] The available values for this section are:

DICTPATH=<path to data dictionary files>

DICTID=<Dictionary ownerID to use at runtime>

**NOTE:DICTID must be entered in upper case**

### ***Picture from Field***

- Corrected problem where picture from field placed in a group footer returned value from next rather than current record.
- Fixed pathname of blank.bmp in saved reports.

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### **Misc**

- Some memory issues corrected for report using multiple charts.
- Fixed stretching of fields on layout when using metric units.
- Functions used in FlexLink index expressions are not restricted to just upper case.
- The toolbar icon for Export (a Ship) has been changed in appearance.
- Field list boxes in Database Relation/Join and Line Properties dialogs have been widened.

### **Result Set Browser**

- Result set browser returns an informational dialog instead of crashing when a report includes more than 255 fields

### **Runtime**

- Runtime now correctly supports up to 99 RI\_ALIAS values
- If a runtime printer has been defined, it will be immediately used without checking the printer saved with the report.
- Runtime now supports up to 256 parameters: Parameters(0) - Parameters(255)
- A new RI\_PAGESIZE runtime field is now available. Supported values are:A4, A5, B4, LEGAL, LETTER, EXECUTIVE,STATEMENT
- Size of RI\_WPTR increased to 220 bytes
- Correctly present SQL login dialog box at runtime when required.
- Print-to-file check box added to printer dialog to support interactive PDF file output.

### **Rapid Runner**

- Corrected error when opening a set that had been converted from a version 1.2 SQL set to version 2.0.
- When a report item is added, the report file was not displayed initially (below the description on the right).
- "R&R PDF Export" is now an available printer selection. When selected, the Destination automatically defaults to Print to File and requires the entry of an output filename. Note that if PDF is selected and then another printer is selected, the Print to File checkbox remains enabled.
- Warning is now given when the saved printer setting is not currently available when the Report Destination screen is displayed.
- Corrected error when consolidating dbf files and file name has a space.
- List of printers in the Report Destination screen is now sorted.

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### ***RRPRVIEW.CAB***

- Verisign certificate updated to extend validity to February 2004

### ***Runtime Shortcut Maker***

- The runtime shortcut maker (RRICON.EXE) no longer returns a Runtime error 5 Invalid procedure call or argument under Windows NT/2000 and XP.
- Correct command line and start in directory created for all operating systems.
- .RRS file extension correctly registered as an R&R SQL Input File.

### ***Foxpro Utility programs updated to Visual Foxpro7***

The Data Dictionary, Report Librarian and Result Set Browser executables have been updated to Visual Foxpro7. The Version 10 installation program now installs the runtime version of Visual Foxpro 7.

### ***Updated Sample Reports and data files***

The R&R sample reports have been expanded and updated to include a variety of Version 10 features. The file "Using the R&R Sample Files.pdf" gives a detailed overview of the samples and is installed SAMPLE subdirectory

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## **Known Issues/Other Information**

The following lists issues known to be present in this release along with information not contained in the Help/Documentation files.

### ***Serial Numbers***

The Version 10 installer and User Management Programs will only accept serial numbers having a Version 10 product key. You cannot use serial numbers that were valid in earlier releases.

### ***Upgrading to Version 10 from earlier releases***

If you are installing Version 10 on a machine has an existing installation of either R&R Xbase or SQL it is recommended that you back up any modified R&R files and then un-install that copy prior to the installation of Version 10.

What to back up:

- Any user function library (RR.UDF for Xbase, RSW.UDF for SQL)
- RSWSQL.INI (If modified after original installation. SQL only)
- RRW.SRT for Xbase, RSW.SRT for SQL (if modified after original installation)
- The initialization files \windows\RRW.INI for Xbase, \windows\RSW.INI for SQL
- Report Librarian data files (all files with extension DBF, CDX and FPT in the /RL subdirectory). The Version 10 Report Librarian will allow you to upgrade Version 9 report librarian files after installation.

You can then restore/upgrade these files after installation of Version 10.

### ***Note for Version 9 RattleRR users***

RattleRR Version 9 requires a special RattleRR Version 10. If you install R&R Version 10 on a web server that is running RattleRR Version 9, the RattleRR components will no longer be functional. Please contact our sales department to upgrade specifically to RattleRR Version 10.

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### ***Data Dictionary***

Version 10 does not support the earlier data dictionary file format. Any data dictionary entry contained in R?W.INI will not be used. You can convert an existing data dictionary to Version 10 format by opening the dictionary editor, choosing the Maintenance button and then selecting the Dict Load button at the bottom of the screen.

The data dictionary files that ship with Version 10 are empty file structures. In the past, the default data dictionary contained entries for the R&R sample files.

Note that the Data Dictionary Editor (DATADICT.EXE) is used only to modify or delete dictionary entries. The only way to add entries is through the report designer.

### ***Report Librarian***

- The Version 10 Report Librarian adds several new component files that were not part of the Version 9 release. You can convert an existing Version 9 Xbase or SQL Report Librarian to Version 10 format by opening the Librarian, choosing the Maintenance button and then selecting the V9 Load button at the bottom of the screen.
- The default login ID for Report Librarian is ADMIN with no password.
- You should back up all of your Librarian data files prior to any re-install. The install program will always overwrite the files that are in the Librarian subdirectory.
- Report Librarian requires a display resolution of greater than 640 by 480 pixels to appropriately display its dialog boxes.
- Report Librarian uses RRWRUN.EXE for display of its internal reports.
- If you experience difficulty when saving reports, you can disable the Report Librarian to see if that avoids the problem. To disable the Librarian, add the line:  
LIBRARIAN=OFF  
to the [DEFAULTS] section of the C:\windows\RRW.INI or RSW.INI file.

### ***Documentation***

A PDF printable documentation set is available on the Version CD in the PDFDOCS subdirectory along with a copy of the install program for the Adobe Acrobat Reader.

Available Files:

- R&R V10 Conversion and Shortcut Utilities.pdf
- R&R V10 Data Dictionary Editor.PDF
- R&R V10 Installation Guide.pdf
- R&R V10 Rapid Runner User Guide.pdf
- R&R V10 Report Librarian.PDF
- README10+.PDF
- SQL V10 Developing Applications.pdf
- SQL V10 User Guide.pdf
- Using the R&R Sample Files.PDF
- Xbase V10 Developing Applications.pdf
- Xbase V10 User Guide.pdf

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### ***Parameter fields***

- In SQL version only, character parameter default values must be entered using single quote delimiters. Using double quotes may result in a runtime error.

### ***Sorted field names***

- It is possible to remove some or all fields from the field listing by first viewing a field listing by table name and clicking a table name to contract its field listing. If you then toggle to display by A-Z, the fields from any contracted table will not appear. If you contracted all tables, then the Z-A list will be entirely empty. You can restore it by selecting the table sort button and then expanding each table lists.
- If you select Sort by Type, the Type headers do not behave like the table headers. You cannot click on a Type to expand/contract its field listing.

### ***Variable graphics/Insert Picture from field***

- A picture file field requires a full path and filename for R&R to locate the image source.
- The BLANK.BMP used by R&R as an image placeholder is a bordered box. You can edit this file to use a different default image.
- This feature works best if the graphic files that are referenced are all of the same size/resolution. Otherwise there may be distortions in printing.

### ***Page X of Y functions***

- LASTPAGE() returns the total number of pages in a report by building an internal image of the entire report structure. So if you have a lengthy report, using LASTPAGE() will increase the time it takes to display or print the report.

# R&R Report Writer, Version 10+

## Release Notes (May 2003)

### ***Print Preview Band Identification***

- Band lines that are empty or contain only lines or boxes or images do not show with a colored border in print preview. If you add any text field to one of these lines (such as outside the printable right margin) the colored border will appear.
- If a word wrapped field wraps to an additional page, each additional page for that field displays in page header band color. The same thing happens if break record area across page is set to yes and record area does indeed break.
- In a report with multiple columns and down order, colors show up on right hand side of page only.

### ***Result Set Browser***

- Using Save to DBF from the Result Set Browser accepting the default file name will result in an Error 3 file is in use. There is no problem if you change the name.
- Saving a grouped result set will save the entire result set rather than just the grouped records.

### ***Xbase export and duplicate field names***

- If you are exporting a report to a DBF file and have fields on the export line with duplicate field names (but different alias names such as CUST->CUSTNO and ORDERS->CUSTNO) only the contents of the first field will be included in the export file. The workaround is to create a calculated field for one of the duplicates and use this calculated field in place of the database field on the exported band line.

### ***Printer properties***

- Selecting printer properties from File Print dialog allows you to change printer properties however R&R does not always honor these changes. For example, the R&R PDF Export driver has a checkbox to enable embedded fonts. However selecting this box does not cause fonts to be embedded. . There is currently no workaround for this problem.

# R&R Report Writer, Version 10+ Release Notes (May 2003)

## Version 10 Installed Executable files

<b>Installed in program directory</b>	
RRW.EXE	Xbase Report Designer
RRWRUN.EXE	Xbase Runtime executable
RSW.EXE	SQL Report Designer
RSWRUN.EXE	SQL Runtime executable
RRWUSERS.EXE	Xbase User Management
RSWUSERS.EXE	SQL User Management
RRCNVRT.EXE	Report Conversion Utility
RRICON.EXE	Runtime Shortcut Maker
FASTIDX.EXE*	Flexlink indexer
RRBROWSE.EXE*	Result set browser
RRAUTO.EXE*	Excel pivot export routines
RRCHART.EXE*	Excel Chart export routines
RRSQLWIZ.EXE	SQL Report Conversion wizard
RRWIZ.EXE*	R&R Report Wizard
<b>Installed in the RL subdirectory</b>	
RL.EXE	Report Librarian
RLCAT.EXE*	Report Librarian Xbase cataloger
RLSCAT.EXE*	Report Librarian SQL cataloger
DCALCUP.EXE*	Uploads calculations to data dictionary
DDFLDUP.EXE*	Uploads field information to data dictionary
DDTBLUP.EXE*	Uploads table information to data dictionary
FLDVIEW.EXE*	Called by designer to view field dictionary information
REGISTRY.PRG*	Called by data dictionary load program
TBLLINKS.EXE*	Called by designer Join Help button
<b>Installed in the RapidRun subdirectory</b>	
RAPIDRUN.EXE	Rapid Runner executable
RRCONSOL.EXE*	Called by Rapid Runner to consolidate to existing DBF
<i>* Indicates a program called internally by another executable</i>	

# R&R Report Writer, Version 10+

## Release Notes (May 2003)

### SQL/ODBC Connectivity Issues

#### SQL Server7/2000

- For optimum functionality, you should use data sources based on the Version10+ Data Direct ODBC driver (LMSS618.DLL)
- If you are opening reports that were created against earlier versions of SQL Server, you may incorrectly receive the error “Data source not found and no default specified”. Or you may see the error “Invalid connection or query handle” when creating or modifying reports. To resolve these problem, edit your c:\windows\RSW.INI file and add the line:

UseQEConnect=1

to the [Database] section. You will need to add a [Database] section if it is not already present in the file. Then save the file and restart R&R.

- If you are connecting to SQL Server with an alternative driver, the following problems will be present:
  1. Auto SQL reports are limited to selecting tables from the current login database.
  2. If you need to join tables across databases, you can create a User SQL report or can within you database build a View table that references tables from a different database.
  3. Data from Unicode field types (nchar, nvarchar, ntext) will appear as empty when the report is executed. Support for these field types will be added in subsequent update.

#### Oracle

- If you are running from an Oracle8 client machine using the SQORA32.DLL ODBC driver, data from VARCHAR2 fields may be incorrectly returned. You should instead use the Data Direct Oracle (LMOR818.DLL) or Oracle Wire (LMORA18.DLL) drivers.
- If you are experiencing slow report retrieval or excessive delays when defining calculated or total fields, there is an optional INI file setting that should correct this problem. Edit your C:\windows\RSW.INI file and add the line:

ALWAYSRR=1

to the [Database] section. If your RSW.INI does not currently have a [Database] section, you can add one at the end of the file. Then save the file and re-start R&R.

#### MS Access

The unmatched records join option for Access is limited to reports containing a single join. If you need to use this option and include more than two tables in your report, the workaround is to create a query within Access that joins your tables as required and then use this Access query as the master file for your report.

# R&R Report Writer, Version 10+

## Release Notes (May 2003)

### ***Visual FoxPro***

- The Microsoft Visual FoxPro driver gives error “No table names were found for this datasource” when try to create a new report using free tables. You should instead use the Data Direct

# R&R Report Writer, Version 10+ Release Notes (May 2003)

## Other News

The name “Liveware” is meant to reflect the need to augment your hardware and software with the help of live people to help you leverage your hardware and software investment. Liveware Publishing is proud to offer you the following services:

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Please visit our web site at <http://www.livewarepub.com/> for the latest information about R&R Report Writer.

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